

Aton CLT 615^{ISDN}

User manual



Aton CLT615^{ISDN} – your perfect companion

... impressive inside and out. Go crazy for the vibrant 3.5" TFT display, first-class sound quality and elegant exterior. Your Aton can do a lot more than just make calls:

Bluetooth, Ethernet, DECT and FAX connection

Connect your Aton to the Internet and your PC via Ethernet. Use your public and private directories on the Internet ([page 50](#)). Update the directory on your Aton, the directory from your Bluetooth mobile phone and your directory on the PC simultaneously.

Directory for up to 500 vCards – calendar and appointments

Save phone numbers and other data to the local directory (→ [page 45](#)). Enter appointments and birthdays in the calendar and set reminders (→ [page 76](#)).

Use your Aton as a PABX

Register up to six handsets and a fax machine and use the three answering machines. Assign each device its own phone number (MSN).

It's easy to configure your Aton thanks to the wizards

They help you to programme the MSNs for your ISDN connection (provider-specific), register your handsets and assign send and receive MSNs to the desktop phone, handsets, fax machine and integrated answering machine (→ [page 15](#)).

Go online with your Aton

Use your phone's info centre and have information specifically provided for the phone shown on the display (→ [page 63](#)).

Do not disturb

Switch off the display backlight at night (→ [page 89](#)), use time control for calls (→ [page 90](#)) or reject unknown calls (→ [page 90](#)).

Other practical information

Transfer the directory from an existing Aton handset (→ [page 48](#)), use the programmable function keys (→ [page 87](#)) for quick dial or to quickly access important functions, skip back five seconds when listening to voicemail messages to repeat the last section (→ [page 66](#)).

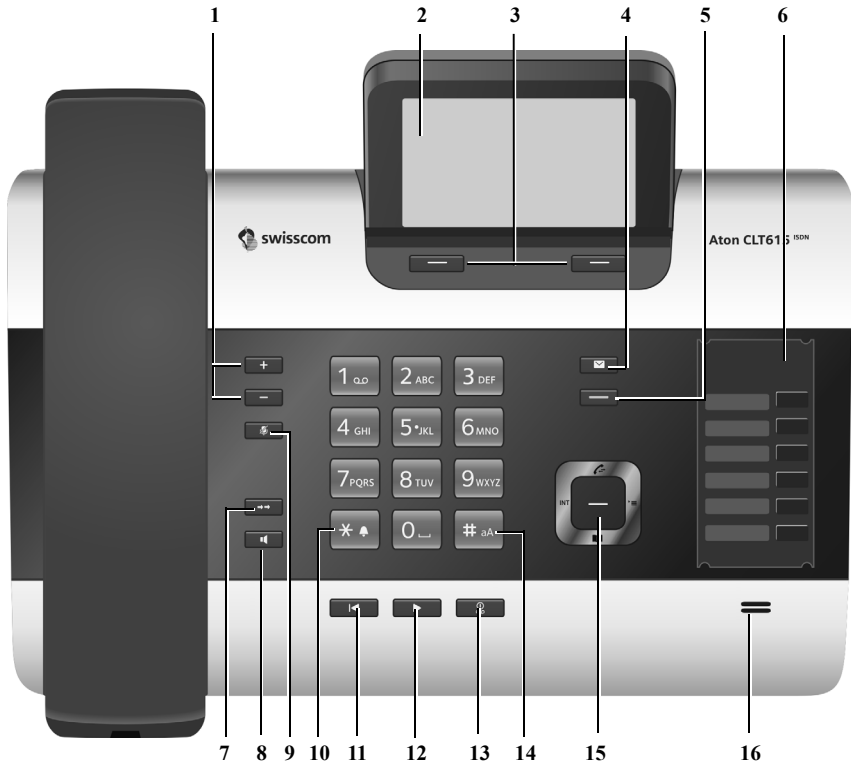
Getting started/new firmware

If the Ethernet connection cable is plugged in, the latest firmware version is automatically requested from the Gigaset server. If a newer version of the firmware is available, the software update can be activated and the device's existing software is replaced.

Further information on your phone can be found at www.swisscom.ch.

Have fun using your new phone!

Desktop phone overview



- 1 **Adjust volume** = quieter; = louder during a call/message playback: Handsfree/receiver volume;
When an external call is being signalled: Ringer volume
- 2 **Display**
- 3 **Display keys** (programmable; [page 25](#), [page 87](#))
In the menu: Open a menu for further functions
- 4 **Message key** ([page 44](#))
Access to call and message lists;
Flashes: New message/call or new firmware
- 5 **End/back key**
End call, cancel function, go back one menu level (press briefly), back to idle status (press and hold)
- 6 **Function keys** (programmable → [page 87](#))
- 7 **Redial**
Open redial list ([page 42](#))

- 8 **Handsfree key**
- 9 **Mute key**
During a call: Activate/deactivate microphone
- 10 *** key**
Activate/deactivate ringer (press and hold);
Text input: Special characters table;
- 11 **Back key** for answering machine
During playback: Back to the start of the message/previous message
- 12 **Play back messages**
Activate/deactivate message playback.
- 13 **On/off key** for answering machine
Activate/deactivate assigned answering machine(s) ([page 67](#))
- 14 **# key**
For text input: Switch between upper/lower case letters and digits
- 15 **Control key** ([page 24](#))
- 16 **Microphone**

Understanding the display icons

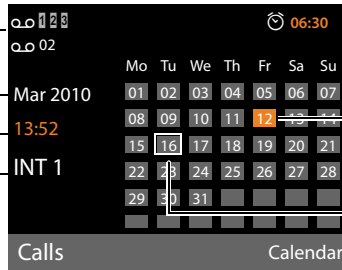
Display in idle status (example)

Desktop phone status
(two lines)

Current month/year

Time

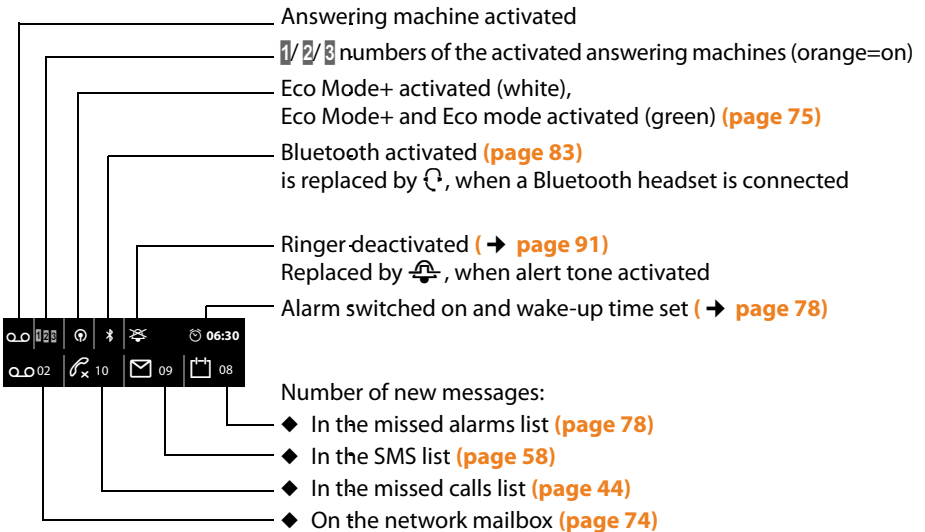
Internal name








Appointment added to
the calendar (page 76)

Current date

Status display in the headers: The following icons are displayed dependent on the settings and the operating status of your desktop phone:



Signalling

<p>External call (page 34)</p> 	<p>Internal call (page 80)</p> 	<p>Answering machine is record- ing (page 66)</p> 	<p>Alarm (page 78)</p> 	<p>Appointment (page 76)/anni- versary (page 50)</p> 
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Contents

- Aton CLT615ISDN – your perfect companion** 1
- Desktop phone overview** 2
- Understanding the display icons** 3
- Following safety precautions** 7
- Taking the first steps** 8
 - Checking the package contents 8
 - Installing the desktop phone 9
 - Connecting the desktop phone 10
 - Preparing to use the desktop phone: Installation wizard 15
 - Proceeding 23
- Operating the desktop phone** 24
 - Using the control key 24
 - Using the display keys 25
 - Using keys on the keypad 25
 - Correcting incorrect entries 25
 - Using the menus 26
 - Understanding the operating steps 27
- Menu overview** 29
- Making calls** 33
 - Making an external call 33
 - Ending a call 33
 - Accepting a call 34
 - Using Calling Line Identification 34
 - Activating/deactivating handsfree/open listening mode 35
 - Muting the desktop phone 36
- Making calls using network services** 37
 - Configuring general settings for all calls 37
 - Configuring settings for the next call 39
 - Configuring settings during an external call 39
 - Using functions after a call 41
- Using lists** 42
 - Using the redial list 42
 - Using the incoming SMS message list 42
 - Using the answering machine list 43
 - Using the call lists 43
 - Opening lists with the message key 44
- Using directories** 45
 - Using the local desktop phone directory 45
 - Using online directories 50
 - Using the private net directory 53

Making cost-effective calls	55
Displaying call duration/charges	55
Sending SMS (text messages)	56
Writing/sending SMS	56
Receiving an SMS	58
Sending an SMS with vCard	60
Receiving notifications via SMS	60
Setting SMS service centre	60
Activating/deactivating SMS function	61
Troubleshooting SMS problems	62
Info centre – continuous Internet access from your phone	63
Starting info centre, selecting info services	63
Registering for personalised info services	64
Navigating the info centre	64
Displaying information from the Internet as a screensaver	65
Operating the desktop phone answering machine	66
Operating via the desktop phone	66
Activating/deactivating call screening	71
Setting the recording parameters	71
Operating when on the move (remote operation)	72
Using the network mailbox (Combox)	73
Network mailbox: Entering numbers	73
Configuring the (network) mailbox for quick dial	73
ECO DECT: Reducing energy consumption and radiation	75
Setting an appointment (calendar)	76
Displaying missed appointments, anniversaries	78
Setting the alarm clock	78
Connecting/using other devices	79
Registering handsets	79
Deregistering handsets	80
Locating a handset ("Paging")	80
Making internal calls	80
Changing the name of an internal participant	82
Changing the internal number of an internal participant	82
Using Bluetooth devices	83
Connecting a fax machine	86
Setting the desktop phone	87
Quickly accessing functions and numbers	87
Changing the display language	88
Setting the display	88
Changing the handsfree/earpiece volume	89
Setting ringers	89
Activating/deactivating advisory tones	91

Contents

Activating/deactivating music on hold	91
Using the resource directory	92
Configuring the system settings	93
Setting the date and time manually	93
Protecting against unauthorised access	93
Setting your own area code	94
Setting the desktop phone's IP address in LAN	94
Setting up/deleting ISDN phone numbers (MSNs)	95
Assigning send and receive connections to internal parties	96
Updating the phone firmware	96
Activating repeater support	97
Activating/deactivating the DECT interface	97
Activating/deactivating the FAX port	98
Restoring the desktop phone to the default settings	98
Checking the desktop phone's MAC address	98
Connecting the desktop phone to a PABX	99
Saving an access code (outside line code)	99
Transferring a call – ECT (Explicit Call Transfer)	99
Using Centrex	99
Selecting dialling mode/options	100
Warranty/Maintenance/Repair/ Approval	101
Warranty	101
Repair/Maintenance	101
Faults and self-help with troubleshooting	102
Checking service information	104
Approval	104
Appendix	104
Caring for your telephone	104
Using insert strips	105
Specifications	105
Writing and editing text	105
Using Gigaset QuickSync – additional functions for the PC interface	106
Using Open Source software contained in the product	107
GNU General Public License (GPL)	108
GNU Lesser General Public License (LGPL)	112
Glossary	118
Accessories	125
Index	127

Following safety precautions

Warning

Be sure to read this user guide and the safety precautions before using your telephone.

Explain their content and the potential hazards associated with using the telephone to your children.



Use only the power adapter supplied, as indicated on the underside of the desktop phone.

Use only the cables supplied for fax, ISDN, LAN and receiver connection and connect these to the intended port only.



Using your telephone may affect nearby medical equipment. Be aware of the technical conditions in your particular environment e.g., doctor's surgery.



Do not install the phone in a bathroom or shower room. The phone is not splash-proof.



Do not use your phone in environments with a potential explosion hazard (e.g., paint shops).



If you give your telephone to a third party, make sure you also give them the user guide.



Remove faulty telephones from use or have them repaired by our Service, as they could interfere with other wireless services.



Information about disposal

Batteries should not be disposed of in general household waste. Observe the local waste disposal regulations, details of which can be obtained from your local authority or the dealer you purchased the product from.

At the end of its service life, this product must not be disposed of with normal household waste, but must be handed in at the place of purchase or at a collection point for recycling electrical and electronic devices in accordance with the ordinance governing the return, acceptance and disposal of electrical and electronic equipment (VREG).

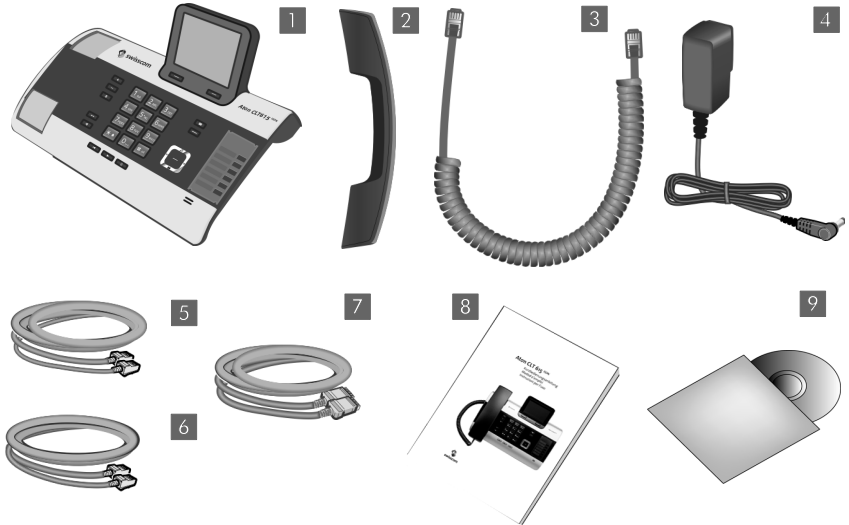
The materials can be recycled according to their identification. By reusing and recycling materials along with other methods of recycling used equipment, you can make an important contribution to protecting the environment.

Please note

- ◆ Please note that only terminals that are operated in-house (inside buildings) may be connected to ISDN connections.
- ◆ Not all functions described in this user guide are available in all countries and with all providers.

Taking the first steps








Checking the package contents



1. One desktop phone
2. One receiver to be connected to the desktop phone
3. One cable for connecting the receiver to the desktop phone
4. One power cable for connecting the desktop phone to the mains power supply
5. One telephone cable for connecting the desktop phone to the phone network (8-pin with 2 mini western jacks 8/8)
6. One cable for connecting a fax machine to the desktop phone (6-pin with 2 mini western jacks 6/6)
7. One Ethernet (LAN) cable (Cat 5 with 2 RJ45 modular jacks) for connecting the desktop phone to a router (LAN/Internet) or PC
8. One quick user guide
9. One CD

Please note

To **change the display language**, proceed as follows (→ [page 88](#)):

- ▶ Press right on the control key .
- ▶ Press the      keys in succession.
- ▶ Press the bottom of the control key  repeatedly until the correct language is highlighted. Then press the right display key.

Firmware updates

This user guide describes the functions of your desktop phone from firmware version 30.00.

Whenever there are new or improved functions for your Aton, firmware updates are made available for you to download to your desktop phone (→ [page 96](#)). If this results in operational changes to your desktop phone, a new version of this user guide or the necessary amendments are published on the Internet at www.swisscom.ch.

Select the product to open the relevant product page for your desktop phone where you will find a link to the user guide.

To find out what version of firmware is currently loaded (→ [page 104](#)).

Installing the desktop phone

The desktop phone is designed for use in dry rooms in a temperature range of +5°C to +45°C.

- ▶ Set up the desktop phone at a central point in the building.

Please note

If you wish to operate handsets from your desktop phone, consider the range of the desktop phone. This is up to 250 m in unobstructed outdoor areas and up to 40 m inside buildings. The range is reduced when eco mode is activated (→ [page 75](#)).

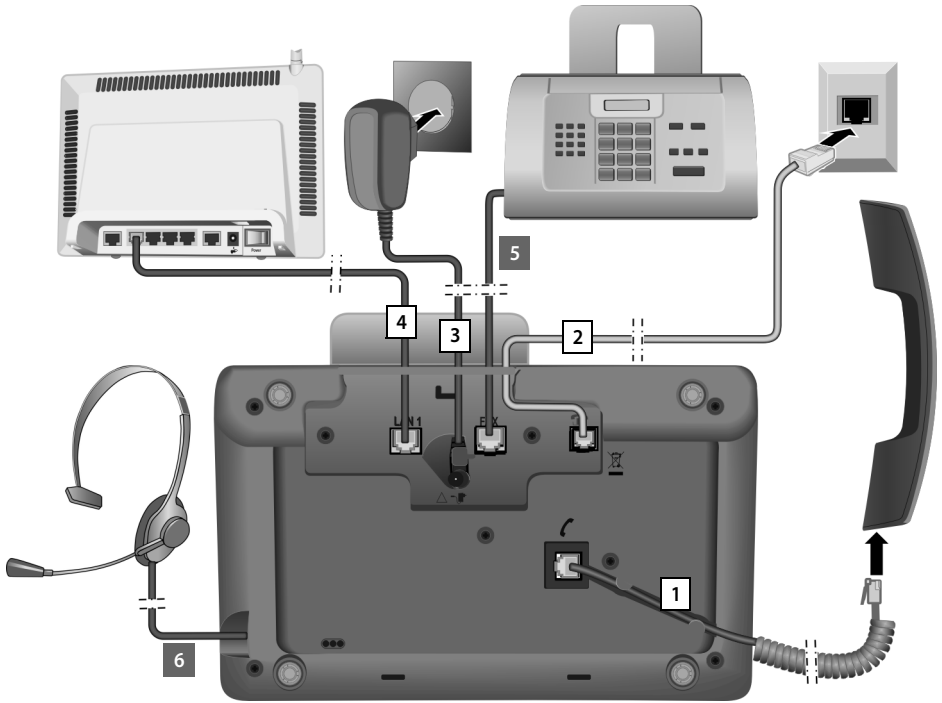
The phone's feet do not usually leave any marks on surfaces. However, due to the multitude of different varnishes and polishes used on today's furnishings, the occurrence of marks on the surfaces cannot be completely ruled out.

Warning

- ◆ Never expose the telephone to any of the following: Heat sources, direct sunlight or other electrical appliances.
- ◆ Protect your Aton from moisture, dust, corrosive liquids and fumes.

Connecting the desktop phone

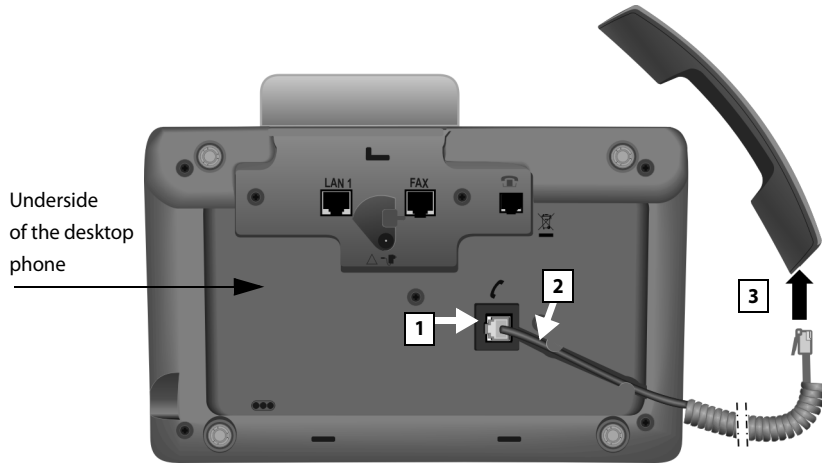
The following diagram is an overview of all connections for your desktop phone. The individual steps are described in detail below.




Follow the steps in the order given below:

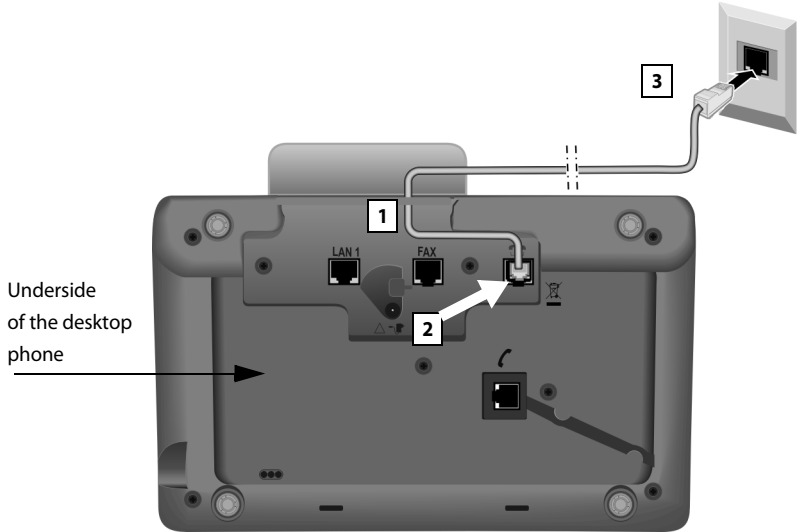
1. Connect the receiver to the desktop phone.
2. Connect the desktop phone to the telephone network (ISDN).
3. Connect the desktop phone to the mains power supply.
4. Connect the desktop phone to the router for accessing the Internet (via router and modem or via router with integrated modem) and for configuring the desktop phone via the Web configurator.
5. Connect the desktop phone to a fax machine (→ [page 86](#)).
6. Connect a wire-bound headset to the desktop phone.


1. Connecting the receiver to the desktop phone



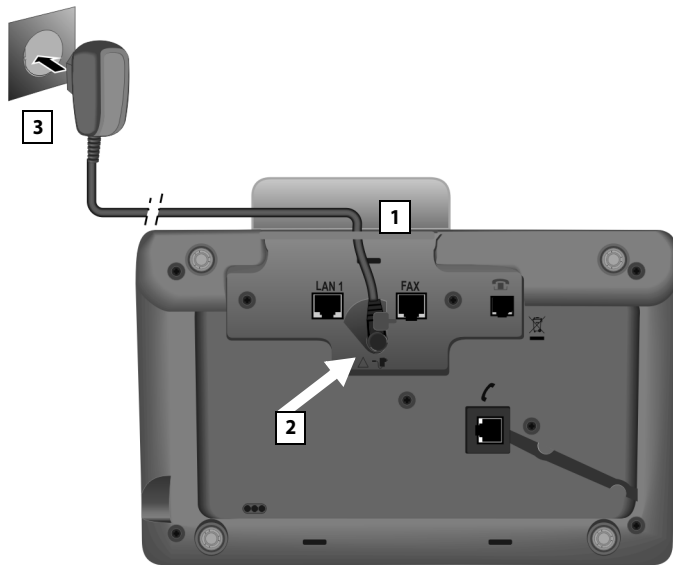
1. Insert the jack, which can be found on the longer straight end of the connection cable, into the connection port marked with the symbol  on the underside of the desktop phone.
2. Place the straight part of the cable in the cable recess provided.
3. Insert the other jack on the connection cable into the port on the handset.


2. Connecting the desktop phone to the telephone network



1. Insert one end of the telephone cable (8-pin with 2 mini western jacks 8/8) from the rear into the recess in the housing.
2. Plug the telephone cable into the port marked with the symbol  on the underside of the desktop phone.
3. Subsequently, connect the telephone cable to the ISDN network connection.

3. Connecting the desktop phone to the mains power supply



1. Insert the small jack on the power cable from the rear into the recess in the housing.
2. Plug the jack into the port marked with the symbol  on the underside of the desktop phone.
3. **Then** connect the power cable to the mains power supply.

Warning

- ◆ Keep the power adapter **plugged in at all times** for operation, as the desktop phone does not work without a mains connection.
- ◆ Use only the power and telephone cable **supplied**.

You can now use your desktop phone to make calls and can be reached on your main number!

The answering machine on the desktop phone is set with a pre-recorded announcement in answer and record mode (→ [page 66](#)).

4. Connecting the desktop phone with a router (Internet) or PC

Your desktop phone features a LAN connection, via which you can connect the desktop phone to a router or PC.

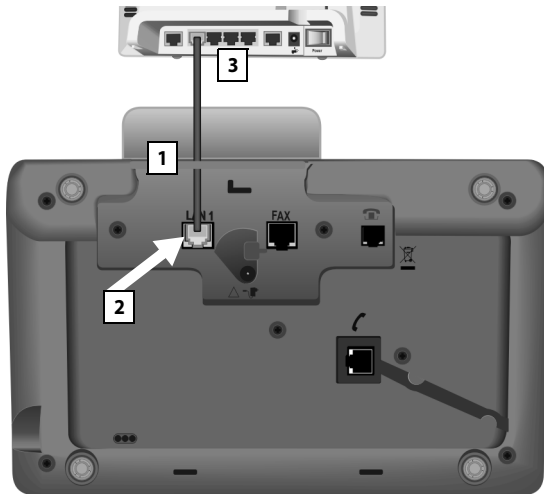
It is at your discretion as to whether to connect the desktop phone to a router and thus the Internet. However, you will require this connection, if you wish to use the following features with your desktop phone:

- ◆ You wish to be notified as soon as new software is available for your desktop phone on the Internet.
- ◆ The date and time on your desktop phone should be updated by a time server on the Internet.
- ◆ You want to use info services and/or online directories (e.g. tel.search.ch) on your desktop phone.

The desktop phone will have to be connected to a PC, if you wish to use the following features with your desktop phone:

- ◆ You wish to set up the desktop phone using its Web configurator. Your PC will also have to be connected to the router for this to work.
- ◆ You wish to use the additional PC software "**Gigaset QuickSync over Ethernet**" to load images or tunes from your PC to your desktop phone.

For Internet access you need a router connected to the Internet via a modem (this may be integrated in the router).



1. Guide the end of the Ethernet cable provided (Cat 5 with 2 RJ45 modular jacks) from the rear through the recess in the housing.
2. Plug the jack on the Ethernet cable into the LAN port on the underside of the desktop phone.
3. Then insert the second Ethernet cable jack into a LAN port on the router or PC.

Please note

Your phone is preconfigured for dynamic assignment of the IP address. In order for your router to "recognise" the phone, dynamic IP address assignment must also be activated on the router i.e., the router's DHCP server must be activated. If the DHCP server cannot or should not be activated, you must assign a fixed IP address to the phone.

 →  **Settings** → **System** → **Local Network**

Further information can be found in the long user guide on the enclosed CD.

Preparing to use the desktop phone: Installation wizard

As soon as the desktop phone is connected, the installation wizard starts. The wizard allows you to make all necessary settings for your desktop phone. The following message appears in the display.





▶ Press the display key **Yes** to start installation.

Several individual wizards are combined to form part of the installation wizard. The following individual wizards are included in the installation wizard:

1. ISDN wizard
2. Registration wizard (to register handsets)
3. Connection wizard

Please note:

- ◆ If the installation wizard is activated, no other handset can access the **Settings** menu on the desktop phone.
- ◆ To quit the installation wizard before the process is complete, press and **hold** the end key . All changes you have already saved using **OK** are retained.
- ◆ To skip a setting, press the left control key  or the display key **No**.

1. ISDN wizard: entering the connection's MSNs

Several numbers (MSNs) were provided by the network provider when you received your ISDN connection confirmation. You can save up to ten numbers (MSNs) on your desktop phone. If there is no MSN entered on your desktop phone, you can do the following with the ISDN wizard:

- ◆ Manually enter the MSNs for your phone connection

Please note:

Automatic MSN assignment is not supported. You need to manually enter the MSNs for your phone connection (→ [page 95](#)).

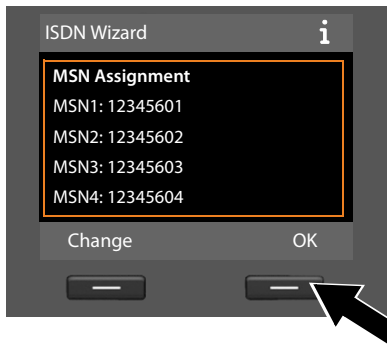
- ◆ Set the receive MSN
- ◆ Set the send MSN



- ▶ Press the display key **Yes** to start installation.



- ▶ Press the display key **OK** to start MSN configuration. This process will take some time. A corresponding message is shown in the display.



Enter the MSNs.

If you press the **Change** display key, a list of pre-programmed MSNs is displayed. You can either change them or programme new MSNs.

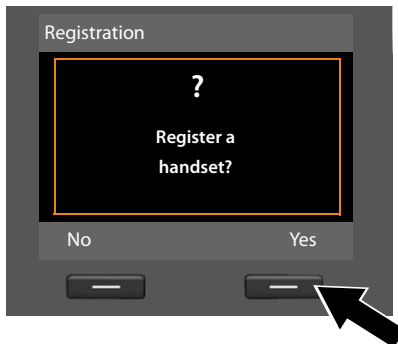
- ▶ Press the display key **OK** to close the ISDN wizard.
The display shows:
ISDN installation complete..

Please note

- ◆ The MSNs must be entered without the area code (e.g. 031 for Bern).
- ◆ You can change the names of the MSNs (→ [page 95](#)).

2. Registration wizard

The registration wizard helps you register handsets to the desktop phone. If a handset is not registered, proceed as follows:



Please note

Press the left display key **No**, if you do not wish to register any handsets. This closes the registration wizard and the connection wizard is started (→ [page 18](#)).

To register handsets on the desktop phone at a later stage (→ [page 79](#)).

- ▶ Press the display key **Yes**. The desktop phone changes to registration mode.



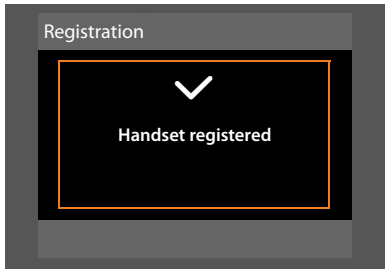
- ▶ Start the registration within approx. **60 seconds on the handset** according to the handset's user guide.

Info

Press the display key **Info** to display information about registering handsets.

Taking the first steps

If the handset has been successfully registered on the desktop phone, you will see the following display (approx. 3 seconds long):



Once a Aton handset has been successfully registered, it will change to idle mode. The handset's internal name is shown on the display (INT 2, INT 3 to INT 7).

Then "Register a handset?" is shown in the display again (→ [page 17](#)).

- ▶ Press the display key **Yes**, if you wish to register another handset and carry out the steps listed above with this additional handset.
Press **No** to close the registration wizard and start the connection wizard.

Please note

- ◆ By default, the desktop phone is assigned the internal name **INT 1** and the internal number 1.
- ◆ The desktop phone assigns the lowest free internal number to the handset (possible numbers: 2–7). The handset's internal name is shown in the display e.g., **INT 2**. This means that the handset has been assigned the internal number 2.
- ◆ The internal numbers and names of all registered handsets can be changed (→ [page 79](#)).

3. Connection wizard

Using the connection wizard, you can assign the previously configured numbers (ISDN MSNs, → [page 16](#)) to internal parties (desktop phone, handsets and desktop phone answering machines as well as any connected fax machine, → [page 86](#)) as send and receive connections, if necessary.

- ◆ **Receive connections** are numbers (MSNs) on which you can be called. You can assign the MSNs for internal parties as the receive connection. Incoming calls are only diverted to the terminals to which the relevant receive connection has been assigned. Terminals are e.g., desktop phone, handsets or answering machines or a connected fax machine.
- ◆ **Send connections** are the numbers (MSNs) that are sent to the called party. The network provider calculates charges based on the send connections. You can assign a fixed MSN as a send connection to each internal party.
- ◆ Every MSN can be both a send and receive connection. You can assign each MSN to multiple handsets, the desktop phone and a connected fax machine as a send and/or receive connection. It may only be assigned to an answering machine as a receive connection.

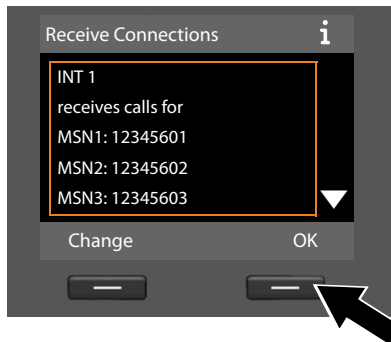
After registration/getting started, the desktop phone, handsets and local answering machine 1 are assigned all MSNs as receive connections. The desktop phone number (usually MSN1) is assigned to the devices as a send connection.

a.




- ▶ Press the display key **Yes**, if you wish to change the setting for the **desktop phone's** send and receive connections.
- ▶ Press the display key **No**, if you do not wish to change the setting for the desktop phone.

b.



The list of receive connections currently assigned is displayed.

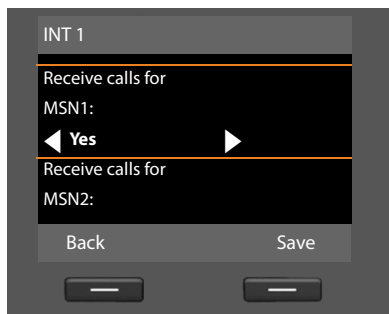
Press the bottom of the control key  to scroll through the complete list if necessary.

- ▶ Press the display key **Change**, if you wish to change the setting for the receive connections on the desktop phone.
- ▶ Press the display key **OK**, if you do not wish to change the setting.


Press **OK** to skip the following steps. Continue from → e.

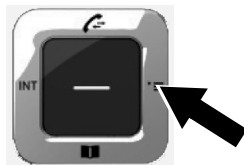
Press **Change** to display the following:

c.



If you do not want incoming calls to MSN1 indicated on the desktop phone:


- ▶ Press **right** on the control key  to set to **No**.



Taking the first steps

d.



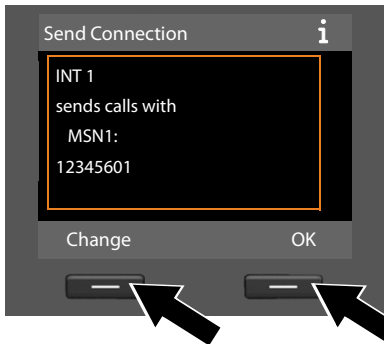
- ▶ Press **down** on the control key  to switch to the next MSN. Select either **Yes** or **No** as described above.
- ▶ Repeat the steps for each MSN.

- ▶ Press the display **Save** once you have finished configuring the settings for the desktop phone.

The updated list of receive connections is displayed one more time for you to check.

Press the display key **OK** to confirm the assignment.

e.




The send connection currently set for the desktop phone is displayed.

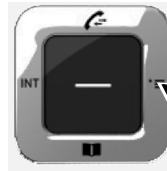
- ▶ Press the display key **OK**, if you do not wish to change the setting. Skip the following step.
- ▶ To change the setting, press the display key **Change**.

f.



If the desktop phone is to make calls via a different MSN:

- ▶ Press the **right** of the control key  repeatedly, until the MSN you wish to use is displayed.



- ▶ Press the display key **Save** to save the settings.

If handsets are already registered to the desktop phone, you are requested to assign send and receive connections for the handsets. The following is shown in the display:

**Assign connections
to handset
INT ...?**

- ▶ Perform steps **a.** to **f.** for each registered handset.

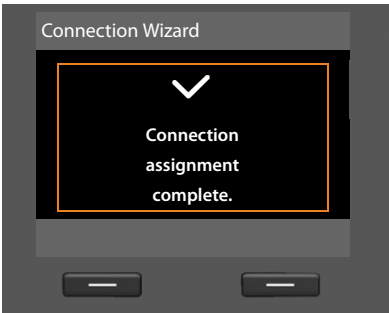
Subsequently, you are requested to assign the receive connections to the three answering machines on the desktop phone. "**Assign connections to answering machine ?**" is shown in the display.

- ▶ Perform steps **a.** to **d.** for each answering machine.

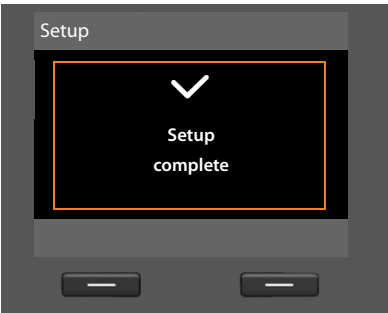
Please note: Each MSN may only be assigned to one of the three local answering machines as a receive connection.

After successfully configuring the settings, you will see the following displays in quick succession:

Connection wizard complete:



Installation wizard complete:



Installation is complete.

Date & time

There are various methods of setting the date and time:

- ◆ The desktop phone updates the date and time from the ISDN network the first time you make an outgoing, external call.
- ◆ You can configure your desktop phone so that the date and time is transferred from a time server on the Internet as soon as the desktop phone is connected to the Internet.
- ◆ You can also set the date and time manually via the phone menu or one of the registered handsets (→ [page 93](#)).

Please note

If the date and time have not been set, the time will flash in the desktop phone's idle display (00:00) and **Time** is displayed above the right display key.

To set the date and time manually, you must press the right display key **Time** and enter the date and time (→ [page 93](#)).

Proceeding

Now you have successfully set up your desktop phone, you will certainly want to adapt it to your personal requirements. Use the following guide to quickly locate the most important subjects.



If you are unfamiliar with menu-driven devices such as other Swisscom telephones, read the section entitled "**Operating the desktop phone**" → **page 24** first.

Information on is located here.
Making calls via ISDN	▶ page 33
Setting the ringer and volume	▶ page 89
Setting the earpiece volume	▶ page 89
Setting Eco Mode	▶ page 75
Preparing the desktop phone for SMS reception	▶ page 56
Operating the desktop phone on a PABX	▶ page 99
Registering existing Aton handsets to the desktop phone	▶ page 79
Transferring directory entries from existing Aton handsets to the desktop phone	▶ page 48
Using online directories	▶ page 50

If you have any questions about using your phone, please read the tips on troubleshooting (→ **page 102**) or contact our Service team (→ **page 102**).

Operating the desktop phone





Using the control key

Below, the side of the control key that you must press in the respective operating situation is marked in black (top, bottom, right, left, centre) e.g.,  for "press right on the control key" or  for "press the centre of the control key".



The control key has a number of different functions:







In idle status

-  Open the local directory (press **briefly**).
Open list of online directories (press and **hold**).
-  Open the main menu.
-  Open the list of internal parties (handsets, desktop phone) (press **briefly**).
Start a group call to all internal parties (press and **hold**).
-  Open the call list.



In the main menu, in submenus and lists

-  /  Scroll up/down line by line.

In input fields

Use the control key to move the cursor up , down , right  or left . Press and **hold**  or  to move the cursor **word by word**.

During an external call

-  Open the directory.
-  Initiate an internal consultation call.

Functions when pressing the middle of the control key

Depending on the operating situation, the key has different functions.

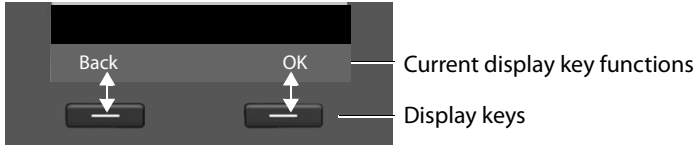
- ◆ **In idle status** the key opens the main menu.
- ◆ **In submenus, selection and input fields**, the key takes on the function of the display keys **OK**, **Yes**, **Save**, **Select**, **View** or **Change**.

Please note

In these instructions, functions are explained using the right side of the control key and the display keys. However, if you prefer, you can use the control key as described above.

Using the display keys

The functions of the display keys change depending on the particular operating situation. Example:



Some important display keys:

Options	Open a menu for further functions.
OK	Confirm selection.
< C	Delete key: Delete character by character/word by word from right to left.
Back	Go back one menu level or cancel operation.
Save	Save entry.

You can set the functions of the keys in idle status individually (→ [page 87](#)).

Using keys on the keypad

↶ / 0... / *.* etc.

Press the matching key on the handset.



Enter digits or letters.

Correcting incorrect entries


You can correct incorrect characters in the input fields by navigating to the incorrect entry using the control key. You can then:

- ◆ Delete the **character** to the left of the cursor with the display key **< C** (press and **hold** to delete the **word**).
- ◆ Insert characters to the left of the cursor.
- ◆ Overwrite the highlighted (flashing) character e.g., when entering time and date.

Using the menus


Your desktop phone's functions are accessed using a menu that has a number of levels.


Main menu (first menu level)

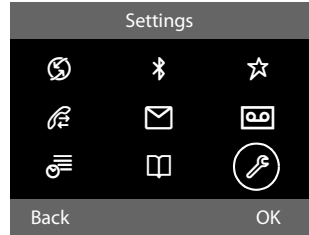
- ▶ When the handset is in idle status, press the **right** control key  to open the main menu.

The main menu functions are shown in the display as icons. The selected function is marked by an orange circle around the icon and the corresponding name is shown in the display header.

To access a function i.e., to open the corresponding submenu (next menu level):

- ▶ Use the control key  to select the required function and press the display key **OK**.


Briefly press the display key **Back** or the end key  to revert to idle status.




Submenus

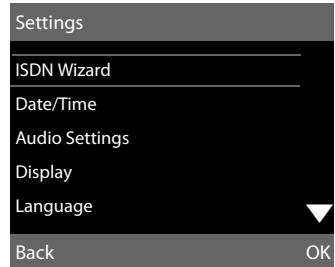
The functions in the submenus are displayed as lists (example on the right).

To access a function:

- ▶ Scroll to a function using the control key  and then press **OK** or the middle of the control key.


Press the display key **Back** or **briefly** press the end key  to return to the previous menu level/cancel the operation.

If it is not possible to view all of the functions/ list entries at the same time on the display (list is too long), arrows appear on the right-hand side of the screen. The arrows indicate the direction in which you need to scroll to view the rest of the entries in the list (in the example: ▼ to scroll down).



Reverting to idle status

You can revert to idle status from anywhere in the menu as follows:

- ▶ Press and **hold** the end key .

Or:

- ▶ Do not press any key: After 2 minutes the display will **automatically** revert to idle status.

Settings that have not been saved by selecting the display keys **OK**, **Yes**, **Save** or **Change** are lost.

An example of the display in idle status is shown on [page 3](#).

Understanding the operating steps

The operating steps are shown in abbreviated form.


Example:

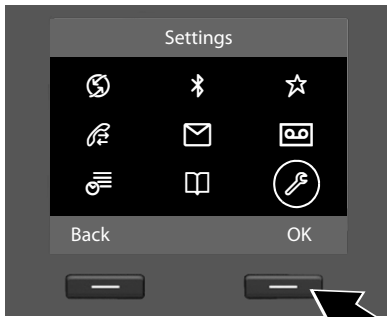
The illustration:


 →  **Settings** → **Audio Settings** → **Music on hold** (✓ = on)

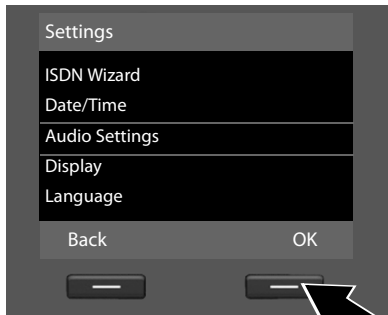
means:




- ▶ Press **right** on the control key  to open the main menu.



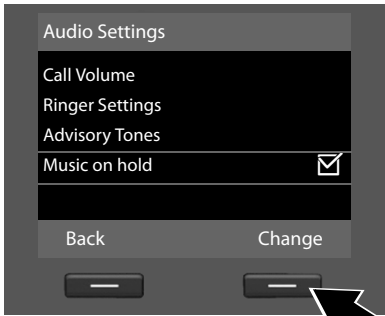
- ▶ Press right, left, down and up on the control key  to navigate to the **Settings** submenu.




- ▶ Press down on the control key  until the **Audio Settings** menu item appears on the display.

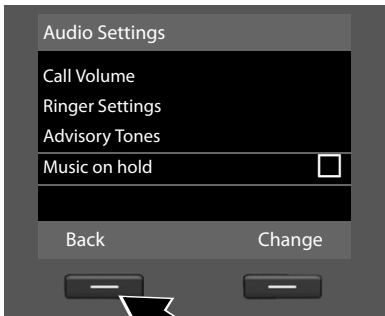
- ▶ Press the display key **OK** to confirm your selection.

Operating the desktop phone




- ▶ Press down on the control key  until the **Music on hold** function appears on the display.

- ▶ Press the display key **Change** to activate/deactivate the function.



The change is effective immediately and does not need to be confirmed.

- ▶ Press the display key **Back** to jump back to the previous menu level.
Or
Press and **hold** the end key  to return to idle status.

Menu overview

With the desktop phone in **idle status**, press  (open main menu):

Select Services

Next Call	Withhold Number	→ page 39
	Keypad Control	→ page 39
Call Divert	Internal	→ page 38
	MSN1	→ page 37
	MSN2	
	:	
	MSN10	
Call Waiting		→ page 38
Withhold # All Calls		→ page 37
Busy on Busy *		→ page 38
Transfer (ECT) *		→ page 38
Ringback Off		→ page 41

Bluetooth

Activation		→ page 83
Search for Headset		
Search for Data Device		
Known Devices		
Own Device		

Additional Features

Info Centre		→ page 63
Resource Directory	Screensavers	→ page 92
	Caller Pictures	
	Sounds	
	Capacity	

Call Lists

All Calls		→ page 42
Outgoing Calls		
Accepted Calls		
Missed Calls		

* Dependent on the provider

Menu overview

☑ SMS

New SMS
Incoming
Draft
Settings

Service Centres
Notification
Status Report

Service Centr.1
Service Centr.2
Service Centr.3
Service Centr.4

→ [page 56](#)

→ [page 58](#)

→ [page 57](#)

→ [page 61](#)

→ [page 60](#)

→ [page 57](#)

📞 Answering Machine

Play Messages
Activation
Announcements
Recordings
Call Screening
Network Mailbox
Set Key 1

Network Mailbox
Answer Machine 1
Answer Machine 2
Answer Machine 3

Answer Machine 1
Answer Machine 2
Answer Machine 3

Record Announcemnt.	Answer Machine 1 to 3
Play Announcement	Answer Machine 1 to 3
Delete Announcemnt.	Answer Machine 1 to 3
Record Advisory Msg.	Answer Machine 1 to 3
Play Advisory Message	Answer Machine 1 to 3
Delete Advisory Msg.	Answer Machine 1 to 3

→ [page 66](#)

→ [page 74](#)

→ [page 68](#)

→ [page 67](#)

→ [page 67](#)

→ [page 70](#)

→ [page 71](#)

→ [page 73](#)

→ [page 73](#)



Organizer

Calendar
Alarm Clock
Missed Alarms

→ [page 76](#)

→ [page 78](#)

→ [page 78](#)



Contacts

Directory
Network Directory

Online Directory
Yellow Pages
Prv.NetDir *

= List of online directories available with provider-specific names

→ [page 45](#)

→ [page 50](#)

→ [page 50](#)

→ [page 53](#)



Settings

ISDN Wizard
Date/Time
Audio Settings
Display
Language
Registration

Call Volume
Ringer Settings
Advisory Tones
Music on hold
Screensaver
Backlight

Volume
Melodies
Time Control
Anon. Call Silencing

→ [page 95](#)

→ [page 93](#)

→ [page 89](#)

→ [page 89](#)

→ [page 91](#)

→ [page 91](#)

→ [page 88](#)

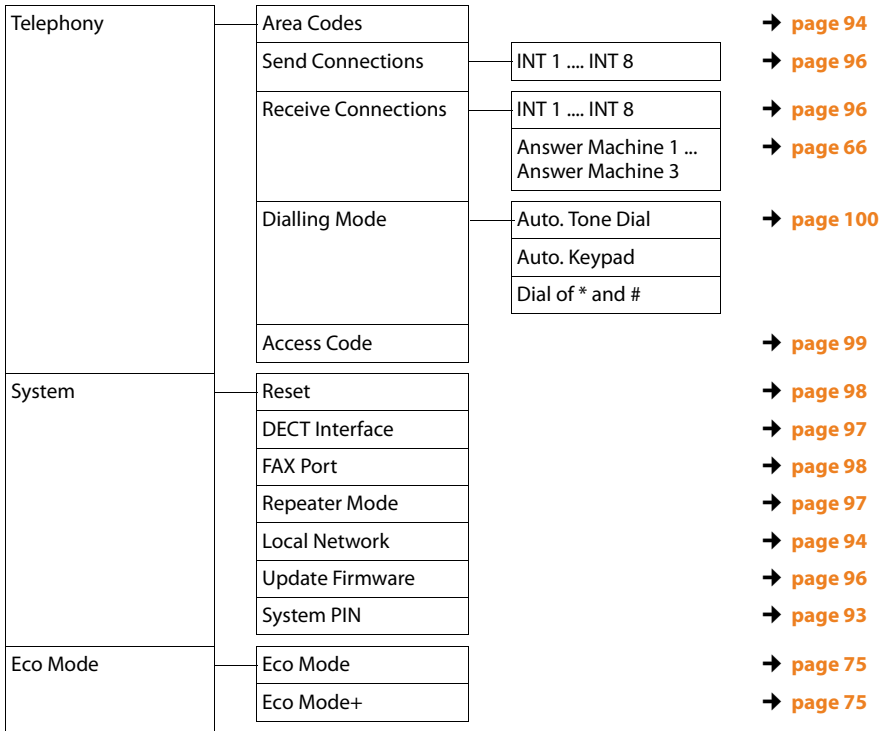
→ [page 88](#)

→ [page 79](#)

→ [page 80](#)

* Currently not supported on the Swisscom network.

Menu overview



Making calls



If the display backlight is deactivated (→ [page 89](#)), it can be reactivated by pressing any key.

Making an external call



External calls are calls using the public telephone network.


Prerequisite:


A specific send connection is assigned to the desktop phone (→ [page 96](#)).

  Enter the number and pick up the receiver.

Or:

  pick up the receiver and then enter the number.

Instead of picking up the receiver, you can also press the handsfree key  or the **Headset** (→ [page 87](#)) function/display key to make a call using the handsfree function or headset.


In this user guide, each of these variants is indicated by " Lift handset".


If "Select at each call" is assigned to the desktop phone instead of a send connection, the list of configured connections (MSNs) is displayed once the receiver is picked up.


- ▶ Select line and press **OK**.


You can assign select line to a display or function key (→ [page 87](#)).

Select Line Press the display or function key.

 Select line.

 **Dial** Pick up the receiver or press the display key.
Press **Dial** to activate handsfree mode on the desktop phone.

 Enter number.

You can use the end key  to cancel the dialling operation.

You are shown the duration of the call while the call is in progress.

If the call costs are to be transferred, these are displayed instead of the call duration.

Please note

- ◆ Dialling with the directory ([page 45](#)) or call and redial list ([page 42](#)) saves you from repeatedly keying in phone numbers.
- ◆ If you have handsets registered to the desktop phone, you can make **internal** calls free of charge ([page 80](#)).
- ◆ In the Swisscom ISDN network, call charges are automatically displayed ([page 55](#)).

Continuing a call on a headset

Bluetooth headset:

Prerequisite: Bluetooth is activated; a connection has been established between the Bluetooth headset and the desktop phone (→ [page 83](#)).

- ▶ Press the talk key on the headset.

It may take up to 5 seconds to establish a connection to the desktop phone.



Wire-bound headsets:

Prerequisite: The headset is connected to the desktop phone (→ [page 10](#)).


- ▶ Press and **hold** the push-to-talk key on the headset.

For more information, see the headset's user guide.

Ending a call

 Replace the receiver or press the end key .

Accepting a call

An incoming call is indicated in three ways: By ringing, by a display on the screen and by the flashing handsfree key .


Please note

Only calls to the receive connections assigned to the desktop phone are signalled (→ [page 96](#)). This applies in particular if MSNs have been configured on your phone:

- ◆ If a number has not been assigned to the desktop phone, a headset or an answering machine as a receive connection, calls to this number will not be signalled.
- ◆ If the number is only assigned to an answering machine, calls will not be signalled. Only the answering machine can accept the call.

If no MSNs have been configured on your desktop phone, all incoming calls will be signalled on the desktop phone and all headsets.

Accept the call by:

- ▶ Picking up the receiver.
- ▶ Pressing the handsfree key .
- ▶ Select **Options** → **Divert to AM** to divert the call to the answering machine (→ [page 70](#)).

To deactivate the ringer, press the **Silence** display key. You can accept the call as long as it is displayed on the screen.

Accepting a call on a headset

Bluetooth headset:

Prerequisite: Bluetooth is activated; a connection has been established between the Bluetooth headset and the handset (→ [page 83](#)).

- ▶ Press the talk key on the headset or the function key **Headset** on the desktop phone.

Only press the talk key on the headset when the headset rings; this can take up to 5 seconds.

Wire-bound headsets:

Prerequisite: The headset is connected to the desktop phone (→ [page 10](#)).

- ▶ Press and **hold** the push-to-talk key on the headset or the function key **Headset** on the desktop phone.

You can program the function key on the desktop phone manually (→ [page 87](#)).

For further details about your headset, see the accompanying user guide.

Using Calling Line Identification

When you receive a call, the caller's number and/or name is displayed on the screen if the following conditions are met:

- ◆ Your network provider supports CLIP, CLI and CNIP.
 - CLI (Calling Line Identification): The caller's number is transmitted.
 - CLIP (Calling Line Identification Presentation): The caller's number is displayed.
 - CNIP (Calling Name Identification Presentation): The caller's name is displayed.
- ◆ You have requested CLIP or CNIP from your network provider.*
- ◆ The caller has requested CLI from the network provider.

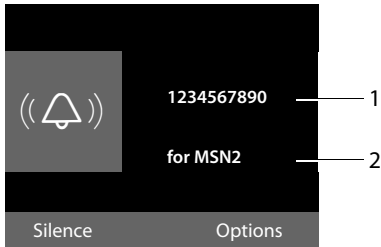
* In the Swisscom ISDN network, CLIP is transmitted automatically, CNIP does not work.

Call display

If the caller's number is saved in your directory, the caller's name is displayed. If you have assigned a caller picture (→ [page 46](#)) to the caller, this is shown in the left-hand section of the display.

You can use the display to decide which receive connection (MSN) the call is directed to.

(Example)



- 1 Number or name of caller
- 2 Receive connection: Indicates which of your phone numbers (MSNs) the caller has dialled. You specify the name when setting up the MSNs (→ [page 95](#)).

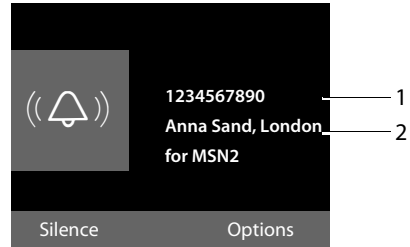
The following is displayed in place of the number:

- ◆ **External**, if no number is transmitted.
- ◆ **Withheld**, if the caller has withheld Calling Line Identification ([page 37](#)).
- ◆ **Unavailable**, if the caller has not arranged Calling Line Identification.

Display with CNIP*

If you have CNIP, then the name (town) that is registered with your network provider for the caller's number is displayed. If the number of the caller is stored in your directory, the CNIP display is replaced by the corresponding directory entry.

(Example)



- 1 Caller's number
- 2 Name and town/city

The display shows:

- ◆ **External**, if no number is transmitted.
- ◆ **Withheld**, if the caller has withheld Calling Line Identification ([page 37](#)).

Activating/deactivating handsfree/open listening mode

When in handsfree mode, you use the microphone and speaker on the desktop phone rather than the receiver. For example, this allows others to participate in the call.


When in open listening mode, you hold the conversation via the receiver and also activate the speaker on the desktop phone (earpiece and handsfree mode).

- ▶ Inform your caller before you use the handsfree function so that the caller knows a third party may be listening.



* CNIP is not supported by the Swisscom ISDN network.

Making calls


Activating/deactivating open listening

- ▶ Press the handsfree key  to activate/deactivate open listening in earpiece mode.

Activating handsfree mode while dialling



-   Enter the number and press the handsfree key.


End the call:

-  Press end key.


Switching from earpiece to handsfree mode

Prerequisite: You are making a call via the receiver or via the receiver with open listening mode activated.



-   Press and hold the handsfree key until you have put the receiver down.

-  If the handsfree key does not light up, press the key again.

Switching from handsfree to earpiece mode

-  Lift handset. The speaker on the desktop phone is deactivated.

Please note


In handsfree mode, you can adjust the speaker with the  and  keys.

Muting the desktop phone


You can deactivate the microphone on the receiver and desktop phone during an external call (including during a conference call or when call swapping). The other parties cannot hear you, but you can still hear them.

Prerequisite: You are conducting an external call.

Deactivating the microphone

-  Press the mute key. The display shows **Microphone is off**.





Unmuting the microphone

-  Press the mute key again to unmute the microphone.

If a second call (call waiting) is received in mute mode, this is signalled acoustically as usual. It is only shown on the display once the microphone has been unmuted.

Please note

In mute mode, all keys on the desktop phone are deactivated with the exception of the:

- ◆ Mute key 
- ◆ End key  with which you can end a call
- ◆  and  keys with which you can change the volume (mute mode will not be interrupted)
- ◆ The function or display key that is assigned the **Headset** function and with which you can transfer a call to a connected headset.

Making calls using network services

Network services are functions that your network provider makes available to you.

Please note:

- ◆ Some settings cannot be made simultaneously on the desktop phone and registered handsets. If this is the case, you will hear a negative acknowledge tone.
- ◆ The abbreviations in brackets after the titles indicate the ISDN feature concerned. Some features may only be used if they have been authorised by the network provider (there may be an extra charge).
- ▶ **If you require assistance, please contact your network provider.**

Configuring general settings for all calls

Anonymous calling – withholding number

You can withhold your number (CLIR = Call Line Identification Restriction). Your phone number will not be displayed when making outgoing calls. You are calling anonymously.

Prerequisite:

- ◆ For anonymous calls via your ISDN network connection, you need to have requested the relevant service (feature) from your network provider.

Activating/deactivating "withhold number" for all calls

When this function is activated, the phone number is withheld for all calls. The withhold number function is activated for the desktop phone and all registered handsets.

 →  **Select Services**

Withhold # All Calls

Select and press **OK** (✓ = on).

To find out how to withhold the number for a subsequent call (→ [page 39](#)).

General call divert (CD)

A distinction is made between

- ◆ diverting calls internally and
- ◆ diverting calls to an external phone/connection

CD to an external connection

When diverting a call, the call is forwarded to another external connection. Your call divert settings can be specific to a particular connection (i.e., for every configured MSN for the desktop phone).

 →  **Select Services** → **Call Divert**

A list containing the configured and activated receive connections (MSNs) for your phone and **Internal** is displayed.

- ▶ Select the receive connection for which you want to activate or deactivate call divert, and press **OK**.
- ▶ You can enter data in the following fields:

Status

Activate/deactivate call divert.

When

Select **All Calls / When Busy / No Answer**.

All Calls: Calls are diverted immediately i.e., calls for this MSN are no longer signalled on your desktop phone.

No Answer: Calls are diverted if no one accepts the call within several rings.

When Busy: Calls are diverted when your line is busy.

Making calls using network services

Phone Number

Enter number to which calls are to be diverted, and press **Save**. For every MSN, you can specify a different fixed line, VoIP or mobile phone number.

Please note

Diverting calls to your phone numbers can result in additional costs. Please consult your provider.

Internal call divert

You can divert all external calls intended for a desktop phone receive connection to a handset or device connected to the FAX port.

 →  **Select Services** → **Call Divert**

Internal Select and press **OK**.

▶ You can enter data in the following fields:

Status

Activate/deactivate call divert.

To handset

Select internal party.

Ring delay

If you prefer to have a delay before the call is diverted, select the length of the delay, (**None**, **10 sec.**, **20 sec.** or **30 sec.**).

If you select **None**, the call is not signalled on the desktop phone and is diverted immediately.

Save Press the display key.

Internal call divert is only single-stage i.e., if the calls are diverted to a handset that also has call divert activated, this call divert is not activated.

Activating/deactivating call waiting for external calls

If the function is activated, during an **external** call you will hear a call waiting tone to signal that another external caller is trying to get through. If you have CLIP, the number of the waiting caller or the corresponding directory entry is shown in the display. The caller will hear the ringing tone.

When call waiting is deactivated, the caller will hear the busy tone if you are already making a call, you are the only party assigned to this connection and this connection is not assigned to an answering machine.

Activating/deactivating call waiting

 →  **Select Services** → **Call Waiting**

Status Activate/deactivate.

▶ Press the display key **Save**.

Transferring a call – activating/deactivating ECT (Explicit Call Transfer)*

When call swapping, you can connect two external call participants (→ [page 40](#)) to each other by simply replacing the receiver. The transfer of the call by replacing the receiver is not supported by all ISDN exchanges and PABXs.

You can activate/deactivate this function for calls via your desktop phone.

 →  **Select Services**

Transfer (ECT)

Select and press **OK** (= on).

Setting up a busy signal for when the MSN is being used (Busy on Busy)

This setting allows callers to get a busy tone immediately when an external call is already being made on the MSN called, regardless of the setting **Call Waiting** (→ [page 38](#)). Call waiting will not be signalled.

 →  **Select Services**

Busy on Busy

Select and press **OK** (= on).



* Dependent on the provider

Configuring settings for the next call

Activating/deactivating "withhold number" for the next call

You can withhold your phone number for the next call (CLIR = Calling Line Identification Restriction).

In idle status:

 →  **Select Services** → **Next Call**
→ **Withhold Number**

Select and press **OK**.



Enter the number or copy from the directory.

Dial

Press the display key or pick up the receiver. The number is dialled.

Generally, you can withhold your number for all calls (→ [page 37](#)).

Activating/deactivating the keypad function for the next call

The **keypad** function allows you to control certain features by entering sequences of characters and digits. For keypad control (→ [page 100](#)).

You can temporarily activate keypad control for the next call.

 →  **Select Services** → **Next Call**
→ **Keypad Control**

Select and press **OK**.



Enter phone number.

Dial

Press the display key or pick up the receiver. The number is dialled.

Configuring settings during an external call



Initiating ringback when busy/no answer

If the person you are calling does not answer or their line is busy, you can initiate ringback.

The ringback display key only appears on the desktop phone if the exchange supports this feature.

Ringback Press the display key.

Wait for confirmation from the exchange.

 /  Replace the receiver or press the end key.

Ringback when busy: The ringback will take place as soon as the party in question terminates the current call.

Ringback when no answer: The ringback will take place as soon as the party in question has made a call.

Please note

- ◆ You can only activate one ringback at a time. If you activate a second ringback, the first one is automatically deleted.
- ◆ The ringback is initiated using the desktop phone's send connection.
- ◆ The ringback can only be received on the device that activated the ringback.

Accepting a waiting call

You are making an external call and hear the call waiting tone.

Accept Press the display key.

Once you have accepted the waiting call, you can switch between the two callers ("call swap" → [page 40](#)) or speak to both at the same time ("conference" → [page 40](#)).

Please note

- ◆ Without CLIP, a waiting call is only announced with a signal tone.
- ◆ An internal, waiting call is shown on the display. You can neither accept the internal call nor reject it.
- ◆ How to accept a waiting external call during an internal call (→ [page 81](#)).

Rejecting a waiting call

You can hear the call waiting tone but do not want to speak to the caller.

Reject Press the display key.

The caller hears the busy tone.

Consultation calls (external)

You can call a second external caller. The first call is placed on hold.

During an external call:

Ext.Call Press the display key.
The previous call is placed on hold. The other participant hears an announcement.



Enter the second participant's telephone number.

The phone number is dialed. You are connected to the second participant.

If the caller does not answer, select the display key **End** to return to the first participant.

Please note

You can also select the second participant's phone number from the directory ([page 49](#)) or a call list ([page 49](#)).

Ending a consultation call

Options → **End Active Call**

You are reconnected to the first caller.

If ECT (Explicit Call Transfer) is not activated, you can also end the consultation call by replacing the receiver. The connection is briefly interrupted and you will receive a call back. As soon as the receiver is lifted, you are reconnected to the first call participant.

Call swap

You can speak to both callers one at a time (call swap).

Prerequisite: You are conducting an external call and have called a second participant (consultation call) or have accepted a waiting call.

▶ Use  to swap between the participants.

The caller you are currently speaking to is marked with the  icon.

Ending the active call.

Options → **End Active Call**


You are re-connected to the waiting caller.

Initiating a conference

You can speak to both participants simultaneously.

Prerequisite: You are conducting an external call and have called a second participant (consultation call) or have accepted a waiting call.

▶ Pressing the display key **Conf.**

You and the other two callers (both marked by the  icon) can hear and speak to each other simultaneously.

Ending a conference

▶ Press the display key **EndConf.**

You return to "call swap" status. You are reconnected to the caller with whom you started the conference.

Or:

Prerequisite: ECT is not activated.



Replace the receiver to end the call with both participants.


Each of the callers can end their participation in the conference call by pressing the end call key and replacing the handset.

Transferring calls

Transferring a call to an internal party

You are making an **external** call and would like to transfer it to another handset.

- ▶ Set up an **internal** consultation call (page 81).


 Replace the receiver (even before the other party has answered) to transfer the call.

Transferring a call to an external number – ECT (Explicit Call Transfer) *

You are making an **external** call and would like to transfer it to another external party.

Prerequisites:

- ◆ The feature is supported by your network provider.
- ◆ The ECT function has been enabled on your Aton (→ page 38).
- ▶ Set up an **external** consultation call (page 40).

 Replace the receiver (even before the other party has answered) to transfer the call.

Identifying nuisance callers – identify caller function

Identify caller is used to identify annoying or threatening callers.

Prerequisite: You have requested the identify caller function from your network provider.

Activate this function during the call or immediately after the caller has hung up. You must not end the call yourself i.e., **you must not replace the receiver!**

The caller is identified in the ISDN telephone exchange and is recorded by phone number, time and date. A printout of the list is then sent by your network provider through the post.

Prerequisite: You are conducting an **external** call or the external call participant has hung up; however, you are maintaining the connection.

Options → Identify Caller

You can then continue the call or replace the receiver.

Please note

Contact Swisscom free of charge on 0800 800 800 with any questions relating to this topic.

Using functions after a call

Cancelling ringback

 →  **Select Services** → **Ringback Off**

The phone number activated for ringback is shown in the display.

Press the display key **Delete** to activate ringback.

Ringback disabled is displayed on the screen.

If the ringback was signalled before you could cancel it, you can end it using **Cancel**.

* Dependent on the provider

Using lists




The options are:

- ◆ Redial list
- ◆ Incoming SMS message list
- ◆ Call lists
- ◆ Missed alarms list
- ◆ Answering machine list

Using the redial list

The redial list contains the 20 numbers last dialled with the desktop phone (max. 32 digits). If one of the numbers appears in the local or online directory, the corresponding name is displayed.

Manual redial

-  Press the key to open the redial list.
-  Select entry.
-  Lift handset. The number is dialled.



When a name is displayed, you can display the corresponding phone number:

- ▶ Press the display key **View** or the middle of the control key.

If you have opened the redial list to initiate an external consultation call, press the display key **OK** to dial the selected number.

Automatic redial

In idle status:

-  Press the key.
-  Select entry.
- Options** Open menu.

Automatic Redial

Select and press **OK**.



Or: You try to call a number and hear the busy tone or the party does not answer:

- Options** Open menu.

Automatic Redial



Select and press **OK**.


The number is automatically dialled at fixed intervals (at least every 20 seconds). The handsfree key flashes and "open listening" is activated.

- ◆ The party answers: Pick up the receiver  or press the handsfree key . "Automatic redial" ends.
- ◆ Party does not answer: The call is terminated after approx. 30 seconds. After five unsuccessful attempts, "Automatic redial" ends.
- ▶ To cancel automatic redial, press the display key **Off** or any key.

Managing entries in the redial list

In idle status:

-  Press the key **briefly**.
-  Select entry.
- Options** Open menu.

The following functions can be selected with :

Copy to Directory

Copy an entry to the directory (**page 45**).

Automatic Redial

→ "**Automatic redial**", **page 42**.

Display Number

(As in the directory, **page 47**)

Delete Entry

Delete selected entry.

(As in the directory, **page 47**)

Delete List

Delete complete list.

(As in the directory, **page 47**)

Using the incoming SMS message list

All received SMS messages are saved in the incoming message list (→ **page 58**).

Using the answering machine list

You can use the **answering machine list** to listen to the messages that are on the answering machine (→ [page 68](#)).


Using the call lists

Prerequisite: Calling Line Identification Presentation (CLIP, [page 34](#))

Your desktop phone stores various types of calls:

- ◆ Accepted calls (from the user or the answering machine)
- ◆ Outgoing calls
- ◆ Missed calls

You can view each type of call separately or gain an overview of all calls. The last 30 entries are displayed in the lists of missed and accepted calls. This list of outgoing calls can contain up to 60 entries.

You can open the call lists by pressing up on the control key  or via the menu:

 →  → **All Calls / Outgoing Calls / Accepted Calls / Missed Calls**

Please note

You can receive information on unknown numbers free of charge via the reverse search in the online directory (→ [page 51](#)).





List entry

New messages are displayed at the top.

Example of list entries:



- ◆ List type (in header)


- ◆ Status of entry (only in the missed calls list)
 - Bold:** New entry
- ◆ Number or name of caller
- ◆ Name of MSN/connection to which the missed/accepted call was directed (**for** receive connection), or via which the outgoing call was dialled (**via** send connection)
- ◆ Date and time of call (if set).
- ◆ Type of entry:
 - Accepted calls ()
 - Missed calls ()
 - Outgoing calls ()
 - Calls recorded by the answering machine ()

Please note

Multiple calls from the same number are stored once in the missed calls list (the latest call). The number of calls from this number is shown in brackets after the entry.

One Withheld entry is created for all missed calls for which the number of the caller is withheld.

In addition, **one Unavailable** entry is created for every call for which the number was not transferred.

Pick up the receiver or press the handsfree key  to call the selected caller back.

Select the **View** display key to access additional information, including for example the number linked to the name. If you have CNIP, then the name and town that is registered with your network provider for this number is displayed. If the name and town are not shown, it means that the caller has not requested Calling Line Identification or the number has been withheld.

Using lists

Use the **Options** display key to select the following options:

SMS Enquiry*

You can receive information about the caller via SMS.

Copy to Directory

Copy number to the directory.

Delete Entry

Delete selected entry.

Delete List


Delete all entries.

When you quit the call lists, all entries are set to the status "old" i.e., the next time you call up the list, they will no longer be shown in bold.


Please note





In the case of each internal party (desktop phone, handset), only those received/missed calls directed to its receive connection are shown.

Opening lists with the message key

Use the message key  to open the following lists:

- ◆ Answering machine list or network mailbox, if your network provider supports this function and quick dial is set for the network mailbox (**page 73**).
- ◆ Incoming SMS message list (→ **page 58**)
- ◆ Missed calls list
- ◆ Missed alarms list

An advisory tone sounds as soon as a **new entry** appears on a list. The  key flashes (it goes off when the key is pressed). In **idle status**, the display shows an icon for the new message:


Icon	New message...
	... in the answering machine list or on the network mailbox
	... in the missed calls list
	... in the SMS list
	... in the Missed Alarms list:

The number of new entries is displayed to the right of the corresponding icon.

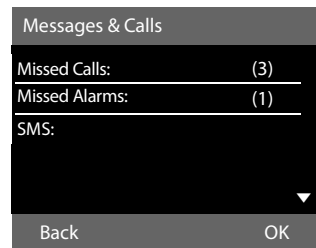


Please note

If calls are saved in the network mailbox, you will receive a message if the appropriate settings have been made (see your network provider user guide).

After pressing the message key , you can see all lists containing messages and the network mailbox list.

Lists containing new messages are at the top of the list and are marked in a bold font.



Select a list with . To open, press **OK**.

* Currently not supported on the Swisscom network.

Using directories

The options are:

- ◆ (Local) directory (→ [page 45](#))
- ◆ Public online directory and classified directory (→ [page 50](#))
- ◆ Private net directory *

Using the local desktop phone directory

You can save a total of 500 entries in the directory.

Not only can you create a personalised directory for your desktop phone, but you can send entries from it to handsets too ([page 48](#)).

Please note


You can assign numbers from the directory to the function/display keys for quick access (quick dial) ([page 87](#)).

"Swisscom Hotline"

The Swisscom Hotline number 0800 800 800 is pre-programmed into the phone. The entry can be changed.

 →  (Select hotline entry)




Lift the receiver or press the handsfree key .

Or during a call:

Dial Press the display key.

If the entry only contains one phone number, this number is dialled immediately.

The entry is displayed with the icon for the stored numbers: .

Dial Press the display key. The number is dialled.

Please note


Swisscom Contact Centre 0800 800 800

We will be happy to advise you on this freephone number if you have any questions relating to telecommunications: fixed line networks, mobiles, DSL Broadband, Bluewin TV, any questions relating to billing and much more.

Directory entries

You can save the following information in a directory entry:

- ◆ Name and surname
- ◆ Up to three numbers
- ◆ E-mail address
- ◆ Anniversary with reminder
- ◆ VIP ringer with VIP icon
- ◆ Caller picture

Open the directory in idle status or during an external call with the  key (press briefly) or via the menu

 →  → **Directory**

Length of the entries

3 numbers: Max. 32 digits each

Name and surname: Max. 16 characters each

E-mail address: Max. 60 characters

Saving number(s) in the directory – new entry

 → **<New Entry>**

▶ You can enter data in the following fields:

First Name: / Surname:

Enter first names and/or surnames.

If you do not enter a name in either of the fields, the first phone number is saved in the entry and displayed in place of a surname.

(To enter text and special characters,

→ [page 105](#).)

* Currently not supported on the Swisscom network.

Using directories

Phone (Home): / Phone (Office): /


Phone (Mobile):

Enter a number in at least one of the fields.

When scrolling through the directory, prefixed icons indicate which numbers are contained in the entry:



 denotes **Phone (Home)**,

 denotes **Phone (Office)**,

 denotes **Phone (Mobile)**.

E-Mail:

Enter e-mail address.

Anniversary:


Select **On** or **Off**.

With setting **On**:

Enter **Anniversary (Date)** and **Anniversary (Time)** and select reminder type: **Anniversary (Signal)** (→ [page 49](#)).

Caller Melody (VIP):

Mark a directory entry as a **VIP** (Very Important Person) by assigning a specific ringer to it. VIP calls are recognised by the ringer.

VIP entries are highlighted by the  icon in the directory.

Prerequisite: Calling Line Identification ([page 34](#)).

Caller Picture:

If required, select a picture to be displayed when this person calls (see [Using the resource directory, page 92](#)).

Prerequisite: Calling Line Identification Presentation (CLIP).

Save

Press the display key.

Order of directory entries

Directory entries are generally sorted alphabetically by surname. Spaces and digits take first priority. If only the first name was entered in the directory, this is incorporated into the sort order instead of the surname.

The sort order is as follows:





1. Space
2. Digits (0–9)
3. Letters (alphabetical)
4. Remaining characters (*, #, \$ etc.)

To get round the alphabetical order of the entries, insert a space or a digit in front of the first letter of the surname. These entries will then move to the beginning of the directory.


Searching for a directory entry

 Open the directory.



You have the following options:

- ◆ Use  to scroll through the entries until the required name is selected.
Press  briefly to scroll on an entry-to-entry basis.
Press and hold  to scroll through the directory.
- ◆ Enter the first letters of the name (max. 8), if necessary scroll to the entry with the  key. The letters entered are displayed in the bottom display line.

The directory searches for the surname. If a surname has not been added, then it will search for the first name.

To skip from any point in the list to the start of the list (<New Entry>), press the end key  briefly.

Dialling with the directory

 →  (Select entry).

 Lift receiver.

Or during a call:

Dial Press the display key.

If the entry only contains one phone number, this is the number that is dialled.

If the entry contains several numbers, the icons for the numbers stored are displayed:

 /  / .

 Select number.



Dial Press the display key.
The number is dialled.


Please note


When dialling, you can link several numbers from the directory.

Managing directory entries

Viewing entries

 →  (Select entry).


View /  Press the display key or the middle of the control key. The entry is displayed.

 Scroll through the entry if necessary.


Using other functions

Prerequisite: The directory is opened while the desktop phone is in idle status.

Options Press the display key.

The following functions can be selected with :

Display Number

To edit or add to a saved number, or to save it as a new entry; for the latter, press the display key  after the number is displayed.

Delete Entry



(Not during an external call)

Delete selected entry.

Copy Entry

- **to Internal:** Send a single entry to a handset (**page 48**).
- **vCard via SMS:** Send a single entry in vCard format via SMS.
- **vCard via Bluetooth:** Send a single entry in vCard format via Bluetooth.

Editing entries



 →  (Select entry).

View **Edit** Press the display keys one after the other.


► Perform changes and save.

Using other functions



When the desktop phone is in idle status:

 →  (Select entry)

→ **Options** (Open menu)

The following functions can be selected with :

Display Number

Edit or add to a saved number and then dial with  or save as a new entry; for the latter, press the display key  after the number is displayed.

Edit Entry

Edit selected entry.

Delete Entry

Delete selected entry.

Copy Entry

to Internal: Send a single entry to a handset (**page 48**).

vCard via SMS: Send a single entry in vCard format via SMS.

vCard via Bluetooth: Send a single entry in vCard format via Bluetooth.

Delete List

Delete **all** entries in the directory.

Copy List

to Internal: Send the complete list to a handset (**page 48**).

vCard via Bluetooth: Send the complete list in vCard format via Bluetooth.

Using directories

Available Memory

Display the number of entries that are still available in the directory.

Exchanging directory/entries with handsets

You can send entries from the local directory or the complete local directory to handsets as well as receive directory entries from the handsets.



Please note:


- ◆ Entries with identical numbers are not overwritten on the receiving handset.
- ◆ The transfer is cancelled when the desktop phone rings or the receiving memory is full.
- ◆ Entered anniversary reminders, pictures and sounds are not transferred.

Prerequisites:

- ◆ Receiving handset is registered to the desktop phone.
- ◆ The handset can send and receive directory entries.

Sending the directory/directory entries to a handset

 →  (Select entry) → **Options** (Open menu) → **Copy Entry / Copy List** → **to Internal**

 Select the internal number of the receiving handset and press **OK**.

The transfer begins.

You can transfer several individual entries one after the other by responding to the **Entry copied - Copy next entry?** prompt with **Yes**, selecting the entry and pressing **Copy**.

A successful transfer is confirmed by a message and confirmation tone.

Receiving a directory/directory entries from a handset



Prerequisite: The desktop phone is in idle status.

- ▶ Start the transfer of directory entries on the handset as described in the handset user guide.


If the data has been transferred successfully, the display on the desktop phone will indicate the number of entries received (so far).

Transferring the directory/entries as a vCard with Bluetooth

In Bluetooth mode (→ [page 83](#)), you can transfer directory entries in vCard format e.g., to exchange entries with your mobile phone or PC.


 →  (select entry) → **Options** (open menu) → **Copy Entry / Copy List** → **vCard via Bluetooth**


The list of "Known Devices" (→ [page 84](#)) is displayed and Bluetooth is activated, if necessary.

 Select device and press **OK**.

Or:

<**Search**> Select and press **OK** to search for Bluetooth devices.

 Select device and press **OK**.

 If necessary, enter the PIN for the Bluetooth device and press **OK**.

The transfer starts.

Once an individual entry has been transferred, you can select an additional entry in the directory and transfer it to the Bluetooth device using **Copy**.

Please note

In Bluetooth mode, incoming calls are ignored.

Receiving a vCard with Bluetooth

If a device from the "Known Devices" list (→ [page 84](#)) sends a vCard to your desktop phone, this occurs automatically. You are informed about it via the display.

If the sending device does not appear in the list, you are asked on the display to enter the device PIN for the sending device:



If necessary, enter the PIN for the **sending** Bluetooth device and press **OK**.

The vCard transfer starts.

If the device should be added to the list of known Bluetooth devices, press the display key **Yes** after the transfer. Pressing **No** returns the desktop phone to idle status.

Copying the displayed number to the directory

You can add numbers to the directory:

- ◆ From a list e.g., the call/answering machine list, incoming SMS message list or the redial list
- ◆ From the text of an SMS
- ◆ From a public online directory or classified directory
- ◆ From your private net directory *
- ◆ When dialling a number

A number is displayed:

Options → **Copy to Directory**

Or:

→□□ Press the display key.

The directory is opened. You can create a new entry or extend an existing entry.

□□ <**New Entry**> or select the directory entry and press **OK**.

□□ / □□ / □□ Select type of number and press **OK**. The number is copied into the corresponding field.

- ▶ If necessary, complete the entry (→ [page 45](#)).

Please note

For a new entry:

- ◆ If you have CNIP, the first 16 characters of the transmitted name are also copied to the **Surname** line.
- ◆ If you are copying a number from an online directory, the surname or nickname (if available) are copied into the **Surname** field.
- ◆ During the number transfer from the answering machine list, the message playback is interrupted.

Copying a number or e-mail address from the directory

In some operating situations, you can open the directory to copy a number or e-mail address, for example. Your desktop phone need not be in idle status.

- ▶ Depending on the operating situation, open the directory with □□ or □□.



Select entry ([page 46](#)).

Saving an anniversary in the directory

For each number in the directory, you can save an anniversary and specify a time at which a reminder call should be made on the anniversary (default setting: **Anniversary: Off**).

Anniversaries are automatically recorded in the calendar ([page 76](#)).

□□ → □□ (Select entry)

View **Edit** Press the display keys one after the other.

□□ Scroll to the **Anniversary**: line.

□□ Select **On**. The following fields are displayed.

* Currently not supported on the Swisscom network.

Using directories

- ▶ You can enter data in the following fields:

Anniversary (Date)

Enter day/month/year in 8-digit format.

Anniversary (Time)

Enter the hour/minute for the reminder call in 4-digit format.

Anniversary (Signal)



Select the reminder type.

Save Press the display key.


Please note


A time must be specified for reminder calls. If you select a visual signal, a time is not required.

Deactivating anniversaries

 →  (Select entry)

View **Edit** Press the display keys one after the other.

 Scroll to the **Anniversary**: line.

 Select **Off**.

Save Press the display key.

Anniversary reminder call

In **idle status**, a reminder call is shown in the display of the handset (→ **page 3**) and signalled with the selected ringer.

You can:

SMS Write an SMS.

Off Press the display key to acknowledge and end the reminder call.

When you are on the phone, a reminder call is indicated on the handset with a **single** advisory tone.

Anniversaries that are indicated during a call and are not acknowledged are entered in the **Missed Alarms** list (**page 78**).

Using online directories

You can use public online directories (= online directories and classified directories e.g., "Yellow Pages") depending on your provider.

You can configure the online directories you wish to use via the Web configurator.

Exclusion of liability

Gigaset Communications GmbH assumes no guarantee or liability for the availability of this service. The service may be discontinued at any time.

Opening an online/classified directory


Prerequisite: The desktop phone is in idle status.

 Press and **hold**.

Or:

 →  **Contacts** → **Network Directory**

This opens the list of online directories. Provider-specific names appear in the display.


 Select directory (online directory or classified directory) from the list and press **OK**.

This establishes a connection to the online directory or the classified directory.

If there is only one online directory available, a connection is immediately established by pressing and **holding** down the control key.

Please note

You can also establish a connection to the online directory as follows:

- ▶ When the desktop phone is in idle status, dial **1#91** (e.g. for tel.search.ch) and then pick up the receiver .
- ▶ To establish a connection to the classified directory (e.g. Yellow Pages), dial **2#91**.

Calls to the online directory are always free of charge.

Searching for an entry

Prerequisite: You have opened the online directory/classified directory.


- ▶ You can enter data in the following fields:

Surname: (online directory) or

Category/Name: (classified directory)

Enter the name, part of a name or the business type (max. 30 characters).

City: Enter the name of the town/city in which the party you are searching for lives (max. 30 characters).

If you have already completed a search, the last names of the towns/cities you entered are displayed (maximum of five). You can enter a new name or select one of the city names displayed using  and confirm with **OK**.

Or:

Number: Enter the number (max. 30 characters).

- ▶ Press the display key **Search** or  to start the search.

You must complete either the **Surname:** or **Category/Name:** and **City:** fields or just the **Number**. Searching by number is only possible if supported by the online directory you have selected. For information on entering text (→ [page 105](#)).

A list of the towns/cities found is displayed if the search returns more than one result:



Select the town/city. If the name of a town/city is longer than one line, it is abbreviated. Select **View** to view the complete name. If no matching town/city is found: Press **Change** to change the search criteria. The entries for **Category/Name** and **City** are copied and can be changed.

Search

Press the display key to continue the search.

A corresponding message will appear on the display if no party is found to match the search criteria. You have the following options:

- ▶ Press the display key **New** to start a new search.

Or

- ▶ Press the display key **Change** to change the search criteria. The name and town/city are copied over and can be changed.

No hits are displayed if the list of hits is too large. A message to this effect is displayed.

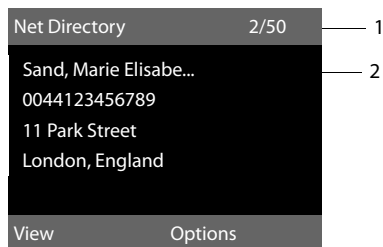
- ▶ Press the display key **Refine** to start a more detailed search (→ [page 52](#)).

Or

- ▶ Depending on the provider, you can view the list if the number of hits is shown on the display. Press the display key **View**.



Search result (hit list)

The search result is shown as a list on the display. Example:



1. 2/50: Consecutive number/total number of hits (only the consecutive number is displayed if the total number of hits >99).
2. Four lines including party's name, business type, telephone number and address (possibly abbreviated). If a fixed line number is not available, the mobile phone number (if available) is displayed.

You have the following options:

- ▶ You can scroll through the list with .
- ▶ Press the display key **View**. Displays the full details of the entry (name, business type where applicable, address, telephone numbers). You can scroll through the entry with .

Using directories

Use **Options** to access the following options::

Refine search

Refine search criteria and restrict hit list (→ **page 52**).

New search

Start a new search.

Copy to Directory

Copy the number to the local directory. A new individual entry is created in the local directory for every number. The surname is transferred to the **Surname** field of the local directory (→ **page 49**).


Copy to Private NetDir.

Transfer the selected entry to the private net directory. The private directory and online directory must be provided by the same provider.

Depending on your provider, you can add a nickname to the entry in your private directory.


Calling parties

Prerequisite: A hit list is displayed.

- ▶ Select entry and pick up receiver .

If the entry only contains one phone number, this is the one that is dialled.

A list of numbers appears if there is more than one number.

- ▶ Using , select number and press the display key **Dial**.

Starting a refined search

You can use the search options available in the refined search (first name and/or street) to limit the number of hits returned by a previous search.

Prerequisite: A search result is displayed (hit list with multiple entries or a message indicating too many hits).

Refine Press the display key.

Or

Options → **Refine search**
Select and press **OK**.

The search criteria from the previous search are copied and entered in the corresponding fields.

Surname: (online directory) or

Category/Name: (classified directory)

If necessary, change name/business type or extend partial name.

City: Name of the city/town from the previous search is shown (cannot be changed).

Street: If necessary, change the name of the street (max. 30 chars.).

First Name: (only in the online directory)
If necessary, enter the first name (max. 30 characters).

Search Start detailed search.

Using the private net directory^{*}

Some providers offer users the option of creating and managing a private net directory/directory on the Internet.

The advantage of an online directory is that you can call up entries from any telephone or PC e.g., from your VoIP phone in the office or your PC at a hotel.

You can use the private net directory on your desktop phone.

Prerequisites:

- ◆ You can create your private net directory using your PC's Web browser.
- ◆ You can create and manage entries in the online directory via your PC's Web browser.
- ◆ Activate the online directory on your desktop phone via the Web configurator. It is particularly important that you store the user name and password for accessing the private net directory in the desktop phone.

You can use the directory from every registered handset.

Opening the online directory


Prerequisite: The desktop phone is in idle status.

 Press and **hold**.

Or:

 →  **Contacts** → **Network Directory**



This opens the list of (online) directories. The provider-specific name is displayed for the private net directory.

 Select the private net directory from the list and press **OK**.

Your private net directory is opened.

Please note

If there is no other online directory available apart from the private net directory:


- ▶ Press  **briefly**. The private net directory opens.
- ▶ Press and **hold** . The desktop phone local directory opens.

The entries in the online directory are sorted alphabetically according to the first non-space field in the entry. This is generally the nickname or surname.


Selecting, viewing and editing entries in the online directory

Prerequisite:


The online directory is open (see above).

- ▶ Scroll with  to the required entry.

Or:

Enter the first letter of the name and scroll with  to the required entry.

- ▶ Press the display key **View**.

The detailed view with the complete entry opens. You can scroll through the entry with the control key .

The following data is shown, if available (in the specified sequence):


Nickname, name, first name, phone number, mobile phone number, VoIP number, street, house number, post code, town/city, company name, business type, date of birth, e-mail.

* Currently not supported on the Swisscom network.

Using directories

Using other functions

Options Press the display key.

The following functions can be selected with :

Edit nickname

You can edit or delete the nickname in an entry. Press **Save** to save the change.

Copy to Directory


Copy an entry to the local directory
(→ **page 49**).

Please note

You can copy numbers from a public directory to your private net directory
(→ **page 52**).

Calling up an entry in the online directory


Prerequisite: You have opened the online directory.

 Select entry (open the details view, if necessary).

 Lift handset.

If the entry only contains one phone number, this is the one that is dialled.

If the entry contains more than one phone number (e.g., mobile phone number and phone number), they are offered to you for selection.

 Select the number to be dialled and press **OK**.

The selected phone number is dialled.

Transferring the local directory to the private net directory

You can save entries in the local directory in vCard format as a vcf file on your PC with the help of the Web configurator (→ user guide for the Web configurator on the enclosed CD).

Several providers support functions on your Web pages that you can use to copy these files to the online directory.

Making cost-effective calls

After making a call, you can view the costs.

Displaying call duration/charges

The **charges** or the **duration** of a call always appear on the display during an external call:

- ◆ During the conversation
- ◆ Until approximately 3 seconds after replacing the receiver.

Please note

The actual charges or the duration of the call can vary from that shown by a few seconds..

If the metering pulse is transmitted, the **call duration** is displayed instead of the **call charges** during an outgoing, external call.

The charges are automatically transmitted when using the Swisscom ISDN network. The factor is CHF 0.10. You only receive information for the current call. It is not possible to check total charges (accumulated costs).

Sending SMS (text messages)

Your phone is delivered ready to send SMS messages immediately.

Please note

When supplied, the access number (062 210 00 0*) for the Swisscom SMS centre is pre-programmed.

Prerequisites:

- ◆ Calling Line Identification is enabled for your phone line.
- ◆ Your network provider supports SMS on the fixed line network (information on this can be obtained from your network provider).
- ◆ The number of the SMS centre is entered. Register with the Swisscom ISDN network by sending an SMS.
- ◆ An incoming SMS is signalled by one alert tone.

Please note:

If you wish to receive SMS messages via several MSNs, you must register each MSN separately with your service provider.

Writing/sending SMS

Writing an SMS

 →  SMS

New SMS Select and press **OK**.

  Write SMS.

Please note




- ◆ For instructions on entering text and special characters, please see [page 105](#).
- ◆ An SMS may contain up to 612 characters. If there are more than 160 characters, the SMS is sent as a **linked** SMS (up to 4 SMS messages with 153 characters each). The top right of the display shows how many characters are still available and which part of a linked SMS is currently being written.

Sending an SMS

Options Press the display key.

Send Select and press **OK**.

SMS Select and press **OK**.

  /  Select number with dialling code (even if you are in that area) from the directory or enter directly. For sending SMS messages to an SMS mailbox: Add the mailbox ID to the **end** of the number.

Send Press the display key. The SMS is sent.

Please note

- ◆ If you are interrupted by an external call while writing an SMS, the text is automatically saved in the draft list.
- ◆ If the memory is full, or if the SMS function is being used by a handset, the operation is cancelled. An appropriate message appears in the display. Delete SMS messages you no longer require or send the SMS later.

SMS status report ^{*}


Prerequisite: Your network provider supports this feature.

If you have activated the status report, you will receive an SMS with a confirmation message after sending.

Activating/deactivating a status report


 →  SMS → Settings

Status Report

Select and press **Change**
( = on).

Reading/deleting status report/saving number to directory

- ▶ Open the incoming message list ([page 58](#)) and then:

 Select SMS with **State OK** or **State not OK** status.

Read Press the display key.

- ◆ Delete:
Options → **Delete Entry** → **OK**.
- ◆ Copy to directory:
Options → **Copy to Directory** → **OK**.
- ◆ Delete entire list:
Options → **Delete List** → **OK**.

Draft list

You can save an SMS in the draft list, and edit and send it later.

Please note

The draft list contains all of the saved SMS messages for the assigned send connection.

Saving an SMS in the draft list

- ▶ You are writing an SMS ([page 56](#)).

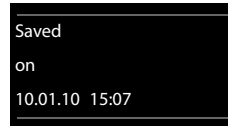
Options Press the display key.

Save Select and press **OK**.

Opening the draft list

 →  → Draft


The first list entry is displayed e.g.,




If the entry has been saved with the phone number i.e., when the SMS was saved from the incoming list, the number is displayed in the first line.

Reading or deleting SMS messages

- ▶ Open the draft list and then:

 Select SMS.

Read Press the display key. The text is displayed. Scroll line by line using .

Or delete the SMS with

Options → **Delete Entry** → **OK**.

Writing/changing an SMS

- ▶ You are reading an SMS in the draft list.

Options Open menu.

You have the following options:

Send

Send stored SMS.

Edit

Edit the text of the saved SMS and then send it ([page 56](#)).

Character Set

Display text in the selected character set.

Deleting the draft list

- ▶ Open the draft list and then:

Options Open menu.

Delete List

Select, press **OK** and confirm with **Yes**. The list is deleted.



* Currently not supported on the Swisscom network.

Sending SMS messages to an e-mail address*

If your service provider supports the **SMS as e-mail** feature, you can also send your SMS messages to e-mail addresses.

The e-mail address must be at the beginning of the text. You must send the SMS to your SMS service centre's e-mail service.

 →  **SMS** → **New SMS**

 /  Transfer the e-mail address from the directory or enter it manually. End the entry with a space or colon (depending on the service provider).

 Enter the SMS text.

Options Press the display key.

Send Select and press **OK**.

E-mail Select and press **OK**. If the number of the e-mail service is not entered (**page 60**), enter the number of the e-mail service.

Send Press the display key.

Sending SMS messages as a fax*

You can also send an SMS to a fax machine.



Prerequisite: Your network provider supports this feature.

▶ You are writing an SMS (**page 56**).

Options Press the display key.

Send Select and press **OK**.

Fax Select and press **OK**.

 /  Select number from the directory or enter it manually. Enter the number with area code (even if you are in the same area).

Send Press the display key.

Receiving an SMS

All received SMS messages are saved in the incoming list. Linked SMS messages are displayed as **one** message. If this is too long or is not transferred completely, it is split into individual messages. Since an SMS remains in the list even after it has been read, **regularly delete SMS messages from the list**.

The display tells you if the SMS memory is full.



Please note

You can only delete SMS messages that have been sent to a receive connection (MSN) assigned to your device (desktop phone or handset). If the memory is taken up by SMS messages that have been sent to other MSNs, a notification to this effect will appear on the display.

Incoming list

The incoming message list contains:

- ◆ All received SMS messages regardless of the MSN it was intended for. All received SMS messages are displayed on all handsets and on the desktop phone. The most recent SMS appears at the top of the list.
- ◆ SMS messages that could not be sent due to an error.

New SMS messages are indicated by the  icon in the display, the  message key flashing and an advisory tone sounding.

Opening the incoming list with the key

 Press.

The incoming list displays the number of entries (example):

SMS: (2)

Bold: New entries

Normal font: Old entries

▶ Open list with **OK**.

* Dependent on the provider; currently not supported on the Swisscom network.

Every entry in the list contains:

- ◆ The number or name of the sender
- ◆ The receive connection to which the SMS is addressed
- ◆ The date of receipt

Example:

```
0123727859362922
for MSN2
10.10.08 09:07
```

Opening the incoming list via the SMS menu

 →  SMS → Incoming

Deleting the incoming list

All **new and old** SMS messages in the list are deleted.


- ▶ Open the incoming list.


Options Open menu.

Delete List Select, press **OK** and confirm with **Yes**. The list is deleted.

Reading or deleting SMS messages

- ▶ Open the incoming list, then:

 Select SMS.

Read Press the display key. The text is displayed. Scroll line by line using .

Or delete the SMS with

Options → **Delete Entry** → **OK**.

After you have read a new SMS, it is given the status "Old" (is no longer shown in bold).

Changing the character set

- ▶ Read SMS

Options Press the display key.

Character Set

Text is shown in the selected character set.

Replying to or forwarding SMS messages

- ▶ Read SMS

Options Press the display key.

You have the following options:

Reply

Write and send a new SMS to the sender (**page 56**).

Edit

Edit the text in the SMS and return it to the sender (**page 56**).

Forward

Forward the SMS to another number (**page 56**).

Copying the number to the directory

Copying the sender's number

- ▶ Open the incoming list and select the SMS (**page 58**).

Options → **Copy to Directory**

- ▶ Complete the entry (→ **page 45**).


Please note

An attached mailbox identifier is added to the directory.

Copying/dialling numbers from an SMS


- ▶ Read the SMS and scroll to the telephone number.

The digits are highlighted.

 Press the display key.

Complete the entry (→ **page 45**).

Or:

 Press the talk key to dial the number.

If you wish to use the number to send an SMS:

- ▶ Save the number with the local area code (dialling code) in the directory.

Sending an SMS with vCard

The vCard is an electronic business card. It is indicated by the  icon in the body of the SMS.

A vCard can include:

- ◆ Name
- ◆ Private number
- ◆ Business number
- ◆ Mobile phone number
- ◆ Birthday

Individual entries in a vCard can be saved to the directory one after the other.

Opening the vCard

- ▶ Read the SMS containing the vCard.

View Press the display key.
To return to the body of the SMS, press **Back**.

 Select number.

Save Press the display key.

When you save a number, the directory is opened automatically. The number and name are copied. If a birthday is entered on the vCard, the date is copied to the directory as an anniversary.

- ▶ If necessary, edit the entry in the directory and save it. You will return to the vCard automatically.

Receiving notifications via SMS

You can receive notification of missed calls or new messages on the answering machine.

Prerequisite: The caller's number (CLI) must have been transmitted in the missed call.

Notification is sent to your mobile phone or another phone with SMS functionality.

You only need to save the telephone number to which you wish the notification to be sent.

 →  SMS → Settings → Notification

- ▶ You can enter data in the following fields:

To:

Enter the number to which the SMS is to be sent.

For missed calls:

Select **On** if you require SMS notification.

Msg. on Answer M.:

Select **On** if you require SMS notification.

Save Press the display key.

Warning

Do **not** enter your own network number for the notification of missed calls. This can lead to chargeable endless looping.

Setting SMS service centre

Please note

When supplied, the access number (062 210 00 0*) for the Swisscom SMS centre is pre-programmed.

SMS messages are exchanged between SMS service centres operated by service providers. You must enter the SMS service centre through which you wish to send and receive SMS messages into your phone. You can receive SMS messages from **every** SMS service centre that is entered, provided you have registered with your service provider.

Your SMS messages are sent via the **SMS service centre** that is entered as the **active send service centre**. However, you can activate any other SMS service centre as the active send service centre to send a message ([page 61](#)).

The following SMS centre is pre-programmed:

- 062 210 00 0* (Swisscom)

Should you have any questions regarding the SMS service, please contact your provider.

If no SMS service centre is entered, the SMS menu only consists of the entry **Settings**. Enter an SMS service centre ([page 60](#)).

Entering/changing SMS service centres

- ▶ Find out about the services and special functions offered by your service provider **before you make a new application** and/or before you delete pre-configured numbers.

 →  **SMS** → **Settings**
→ **Service Centres**

 Select SMS service centre (e.g., **Service Centr. 1**) and press **OK**.

- ▶ You can enter data in the following fields:

Active Send:

Select **Yes** if SMS should be sent via the SMS service centre. For the SMS service centres 2 to 4, the setting only applies to the next SMS.

SMS Service Centre no.:

Enter the number of the SMS service centre.

E-mail Service no.:

Enter the number of the e-mail service.

Send via:

Specify connection (MSN), via which SMS messages should be sent.

Save Press the display key.

Sending an SMS via another SMS service centre


- ▶ Activate SMS service centre 2, 3 or 4 as the active send service centre.
- ▶ Send the SMS.

This setting only applies to the next SMS to be sent. After that, the setting returns to **Service Centr. 1**.

Activating/deactivating SMS function



If you deactivate the SMS function, you cannot send or receive any SMS messages with your phone.

The settings you have made for sending and receiving SMS messages (e.g., the numbers of the SMS service centres) and the entries in the incoming and draft lists are saved even after deactivation.



 Open the main menu.

Enter the digits.

  Deactivate the SMS function.

Or:

  Activate the SMS function (default setting).

Troubleshooting SMS problems

Error codes when sending

E0	Calling Line Identification permanently restricted (CLIR) or Calling Line Identification is not working.
FE	Error occurred during SMS transfer.
FD	Connection to SMS service centre failed; see self-help.

Self-help with errors

The following table lists problem situations and possible causes and provides advice on troubleshooting.

<p>You cannot send messages.</p> <ol style="list-style-type: none">1. The "Calling Line Identification Presentation" feature (CLIP) is not working.<ul style="list-style-type: none">▶ Ask your service provider to check this service.2. SMS transmission has been interrupted (e.g., by a call).<ul style="list-style-type: none">▶ Re-send the SMS.3. The network provider does not support this feature.4. No number or an invalid number is entered for the SMS service centre set as the active send service centre.<ul style="list-style-type: none">▶ Enter the number (page 60).
<p>You receive an incomplete SMS.</p> <ol style="list-style-type: none">1. Your desktop phone's memory is full.<ul style="list-style-type: none">▶ Delete old SMS messages (page 57).2. The service provider has not yet sent the rest of the SMS.
<p>You have stopped receiving SMS messages.</p> <p>Call divert is activated for All Calls or call divert is activated for All Calls for the network mailbox.</p> <ul style="list-style-type: none">▶ Change the call divert settings (→ page 37).

The SMS is played back.

1. The "display call number" feature is not activated.
 - ▶ Ask your service provider to activate this function (chargeable).
2. No agreement is in place between your mobile phone operator and your fixed line network SMS service provider.
 - ▶ Obtain information from your fixed line network SMS service provider.
3. Your terminal has been recorded by your SMS provider as having no fixed line network SMS functionality i.e., you are not registered with the provider.
 - ▶ Send any SMS to automatically register your desktop phone to receive SMS.

Messages are only received during the day.

- The terminal is recorded in your SMS provider's database as having no fixed line network SMS functionality i.e., you are not registered with the provider.
- ▶ Obtain information from your fixed line network SMS service provider.
 - ▶ Send any SMS to automatically register your desktop phone to receive SMS.

Info centre – continuous Internet access from your phone

You can use your desktop phone to retrieve online content from the Internet i.e., request info services that are provided specifically for the telephone. The info services available are constantly updated. A default selection has already been made, but you can change these settings and add new services. Visit the Gigaset.net page www.gigaset.net on the Internet and compile your personal info services.

Customising info services

- ▶ Open the Web configurator page **Settings → Services → Info Services** on the PC (see user guide for the Web configurator on the enclosed CD).
- ▶ Click the link gigaset.net/myaccount.

Or:

- ▶ Enter the following address in the address field of your PC's Web browser: www.gigaset.net
- ▶ Enter your Gigaset.net user ID and password on the Gigaset.net page. You will find your user ID and password on the Web configurator page specified above.

In both cases, a Web page is opened on which you can compile your info services.


Please note

You can start the info centre with the desktop phone and with registered Gigaset SL78H, S67H, SL400H and Aton CLx315 handsets and have info services displayed.

Starting info centre, selecting info services

 → **Additional Features** → **Info Centre**

Your info centre menu i.e., a list of available info services is displayed. You can navigate between the info services.

 Select the info service and press **OK**.

To access certain info services (personalised services), it is necessary to register with a user name and password. In this case, enter your access data as described in the "**Registering for personalised info services**" section on [page 64](#).

Messages when loading requested information

The information is loaded from the Internet. Wait a few seconds until the information is displayed. The display shows **Please wait...**

If the information for an info service cannot be displayed, one of the following messages appears:

Requested page can't be reached.

Possible causes of this are:

- ◆ Time limit exceeded (timeout) when loading the information
- ◆ The Internet server for the info service cannot be accessed.

- ▶ Check your Internet connection and repeat the request at a later date.

Coding error on requested page

The content of the requested info service is coded in a format which the desktop phone cannot display.

Can't display requested page

General error when loading the info service.

Login failed.

Registration has failed. Possible causes of this are:

- ◆ You have not entered your registration data correctly.
 - ▶ Reselect the info service and repeat the registration process. Please remember that data is case sensitive.
- ◆ You are not entitled to access this info service.

Registering for personalised info services

If a special registration process with user name and password is required to access an info service, the following is displayed after the service has been called up:

Authent. Name

Enter the user name supplied by the provider of the info service.

Save

Press the display key.

Password

Enter the password associated with this user name.

Save

Press the display key.

If registration was successful, the requested info service is displayed.

If registration failed, a message to this effect appears on the display → **Messages when loading requested information, page 63.**



Please note

Please remember that registration data is case sensitive. For information on entering text (→ **page 105**).

Navigating the info centre

Depending on the type of info service requested, you can carry out the following operations:


Scrolling within an info service

- ▶ You can use  to scroll downwards within an info service, and  to scroll up (back).


Skipping back to the previous page

- ▶ Press the left display key.

Skipping back to the info centre menu


- ▶ Briefly press the end key .

You want to go offline:




Press and **hold** the end key , the desk-top phone returns to idle status.

Selecting a hyperlink

Hyperlink to further information:




If the page contains a hyperlink to further information, this is indicated by the  icon.

If a page is opened using hyperlinks, the first hyperlink is highlighted.

- ▶ Using the control keys ( and/or ) as required, you can navigate to the hyperlink that you would like to select. The hyperlink is then highlighted (by bars).
- ▶ Press the right display key , to open the relevant page.

Hyperlink to a phone number:

If a hyperlink contains a phone number, you can copy the number to the local directory or call the number directly (Click-2-Call functionality).

- ▶ Select the hyperlink using the  and/or  keys, as required.
- ▶ You can identify a hyperlink of this type by the fact that **Call** is shown above the right display key.
- ▶ Press the display key  to copy the phone number to the local directory on your desktop phone.

Or:

- ▶ Press **Call** to call the stored number.


Depending on the provider, if you press **Call**:

- ◆ The number is either dialled directly or
- ◆ The number appears first in the display, in which case you must first confirm the number before it is dialled.
 - ▶ If you press **Yes**, the number is dialled.


Or:


- ▶ If you press **No**, the page is displayed again with the hyperlink. The number will **not** be dialled.

Entering text



- ▶ If necessary, use  to navigate to the line containing the field into which you want to enter text. The cursor flashes in the text field.
- ▶ Enter the text using the keys on the desktop phone (→ [page 105](#)).
- ▶ If necessary, navigate to other text fields to complete them or make a selection (see below).
- ▶ Press the right display key to complete the entry and send the data.

Making selections

- ▶ If necessary, use  to navigate to the line in which you would like to make a selection.
- ▶ Press left or right on the control key several times to make the required selection.

- ▶ Use  to navigate to other selection fields and make your selection as described above.
- ▶ Press the left display key to complete the selection and send the data.

Setting options

- ▶ Use  to navigate to the line containing the option. The line is highlighted.
- ▶ Activate or deactivate the option via the control key  (press right) or the left display key (e.g., **OK**).
- ▶ If necessary, navigate to other options or text fields to set or complete them.
- ▶ Press the left display key (e.g., **Send**) to complete the entry and send the data.

Displaying information from the Internet as a screensaver

You can configure your desktop phone to display a customised information feed (e.g., weather reports, newsfeeds) in the device's idle display.


To do so, you must enable the **Info Services** screensaver on your desktop phone (→ [page 88](#)) and activate the display of info services via the Web configurator.

Please note

The default setting is the weather report.

The text information appears on the display approx. 10 seconds after the desktop phone returns to idle status.

Depending on the information feed selected, a display key appears on the right of the screensaver (e.g., **More**),

- ▶ Press the right display key to call up further information.
- ▶ Press and **hold** the end key  to return to idle status.

Operating the desktop phone answering machine

You can operate the answering machine that is integrated into the base telephone using the keys on the desktop phone (→ [page 2](#)), via a registered handset or by remote operation (other phone/mobile phone). Your own announcement message or advisory message can only be recorded via the desktop phone or a handset.

The device has three answering machines (AM1, AM2, AM3), which can be activated and used independently of each other.

Once the desktop phone has been set up, AM1 is activated and all desktop phone MSNs are assigned to it as receive connections.

AM2 and AM3 are available once you have assigned at least one receive connection to them.

Each answering machine only receives calls that are directed to its receive connections. Each answering machine can only be operated via the end devices (desktop phone/handsets) to which at least one of the machine's receive connections is assigned.

Assigning receive connections

Prerequisite: At least two MSNs have been configured on your desktop phone.

 →  **Settings** → **Telephony**
→ **Receive Connections**

Answer Machine 1 / 2 / 3

Select and press **OK**.

▶ You can enter data in the following fields:

Receive calls for xxx

(xxx = Name of the receive connection **MSN1**, **MSN1** ...)

Select **Yes**, if the answering machine should accept calls made on these receive connection.

If the receive connection is already assigned to an answering machine, you cannot select **Yes**.

Select **No**, if the receive connection should not be assigned to this answering machine.


Make this setting for every configured desktop phone connection.

Answering machine mode

You can use two different modes for each of the three answering machines.

- ◆ In **Answer & Record** mode, the caller hears the announcement and can then leave a message.
- ◆ In **Answer only** mode, the caller hears your announcement but cannot leave a message.

Operating via the desktop phone

The speaker activates **automatically** if you receive an acoustic prompt or message while operating. You can deactivate hands-free mode by picking up the receiver and pressing the handsfree key .


Operation via the menu on the desktop phone is the same as operation via a registered Gigaset SL78H, SL400H or Aton CLx315 handset.

Activating/deactivating and setting answering machine mode

You can choose between **Answer & Record**, **Answer only** and **Alternating**. By using the **Alternating** setting, you can activate answer and record mode for a set period of time, outside this period the caller will only hear the announcement.

 →  → **Activation**

The list of answering machines that share a receive connection with the desktop phone is displayed. Activated answering machines are marked with ✓.

 If necessary, select answering machine.

Change Press the display key.

► You can enter data in the following fields:

Activation:

Select **On** or **Off** to activate/deactivate the answering machine.

Mode:

Select **Answer & Record**, **Answer only** or **Alternating**.

If **Alternating** mode is selected:





Record from:

Enter hours/minutes for the start of the period in 4-digit format.
(The time **must** be set.)

Record until:

Enter hours/minutes for the end of the period in 4-digit format.


Save Press the display key.

When you switch the answering machine on, the remaining memory time is announced. If the time has not yet been set, a corresponding announcement is made (set time → [page 93](#)). The  icon is shown on the display, as well as a digit for the activated answering machine(s) (e.g.,  1,  2,  3).



If the message memory is full and **Answer & Record** or **Alternating Mode** has been selected, you will first be asked to delete old messages. The answering machine is activated as soon as you have deleted old messages.

If there is no time available, the answering machine changes from **Alternating** mode to **Answer & Record** mode until the time is available again.

Activating the answering machine via the key on the desktop phone

► Press the  key to activate or deactivate all answering machines that share a receive connection with the desktop phone.

If several answering machines are assigned to the desktop phone and these are not all deactivated, proceed as follows:

1. Press the  key: All answering machines assigned to the desktop phone are activated.
2. Press the  key: All answering machines are deactivated.


Recording a personal announcement/advisory message

The desktop phone is supplied with pre-recorded announcements for answer and record mode and for answer only mode. If a personal announcement has not been recorded, the relevant pre-recorded announcement is used.

You can record your own personal announcement for answer and record mode and answer only mode.

 →  → **Announcements**

→ **Record Announcement.** / **Record Advisory Msg.**

 If necessary, select answering machine and press **OK**.

OK Press the display key to start the recording.



If you have not picked up the receiver, handsfree mode is activated.

Operating the desktop phone answering machine

You hear the ready tone (short tone).

- ▶ Now speak your announcement (at least 3 secs.).

End Press the display key to end the recording.

Use , the end key  or **Back** to cancel recording and **OK** to restart the recording process.


After recording, the announcement is played back for you to check. You can re-record the announcement with **New**.

Please note:



- ◆ Recording ends automatically if the maximum recording time of 170 seconds is exceeded or there is a break in speech for more than 2 seconds.
- ◆ If you cancel the recording, the pre-recorded announcement is used again.
- ◆ The recording is not started or cancelled if the answering machine memory is full.
 - ▶ Delete old messages and the answering machine will automatically switch back to **Answer & Record** mode.
 - ▶ Repeat recording if required.

Playing announcements

 →  → **Announcements**
→ **Play Announcement /**
Play Advisory Message

 If necessary, select answering machine and press **OK**.

If you have not recorded a personal announcement, the relevant pre-recorded announcement is played.

Use , the end key  or **Back** to stop playback.

Record a new announcement while playing the announcement:


New Press the display key.

If the answering machine's memory is full, it will switch to **Answer only** mode.

- ▶ Delete old messages and the answering machine will automatically switch back to **Answer & Record** mode. Repeat recording if required.

Deleting announcements/advisory messages

 →  → **Announcements**
→ **Delete Announcement. /**
Delete Advisory Msg.

 If necessary, select answering machine and press **OK**.



Yes Press the display key to confirm the prompt.


Once you have deleted your announcement for the specified answering machine, the relevant pre-recorded announcement is used again.

Playing messages

The date and time of each message is logged (provided this has been set, → [page 93](#)) and displayed during the playback. If Calling Line Identification is activated, the caller's number or name is displayed. If the caller's number is saved in the directory, their name is displayed. For more information about the display, please see [page 34](#).

Playing new messages

New messages that have not yet been played back are indicated by the  icon in the second display line and by the  key flashing.


 Press the message key.

Answer Mach. 1: / Answer Mach. 2: /
Answer Mach. 3:

Select from the list and press **OK**.


Or:

 Press the play key.

 If necessary, select answering machine and press **OK**.

Or:

 →  → **Play Messages**

 If necessary, select answering machine and press **OK**.

Only the local answering machines that share a receive connection with the desktop phone are displayed.

The speaker on the desktop phone is activated.

If there are new messages, playback then begins with the first new message. After the last new message, you will hear the end tone and an announcement stating how much recording time remains.

If the message has been saved with the date and time, you will hear an appropriate announcement before playback begins.

All stored messages are played back regardless of the associated receive connection.

During playback, the entries in the answering machine list are shown on the display.




After the entry time and date have been played back (after approx. 3 seconds), a new message assumes the status "old".

Playing old messages



If there are no more new messages, you can start playing older messages as described in "**Playing new messages**" on [page 68](#).



Stopping and controlling playback



During message playback:

 /  Stop playback.
Press  /  again to resume
or

Options Press the display key.
To continue select **Continue**
and press **OK**.

 (press and hold) or 
During time stamp playback:
Skip to previous message.
During message playback: Skip
to the start of the current message.

 (briefly press) or 
During time stamp playback:
Skip to previous message.
During message playback:
Repeat the last five seconds of
the current message.

 or 
Go to the next message.

If playback is interrupted for over a minute, the answering machine returns to idle status.

Marking a message as "new"

A previously played back "old" message is displayed as a "new" message again.

During message playback or pause:

 Press the star key.

Or:


Options Open menu.

Mark as New

Select and press **OK**.

An announcement informs you of the message's new status.

Playback of the current message is cancelled. Playback of next message starts, if applicable.

The  key on the handset flashes.

Copying the phone number from a message to the directory

During playback or pause:

Options → **Copy to Directory**

▶ Complete the entry (→ [page 49](#)).

Deleting messages

You can either delete all old messages together or individually.

Deleting all old messages

During playback or pause:

Options → **Delete Old List** **OK**

Yes Press the display key to confirm the prompt.

Deleting an individual message

During playback or pause:


Delete / **0...**

Press the display key or the **0...** digit key.

You can only delete new messages once the time stamp has been played back along with the first few seconds of the message.


Accepting a call from the answering machine

You can accept a call while the answering machine is recording or is being operated remotely:

 / **Accept** / 

Pick up the receiver, press the handsfree key or display key.

Recording stops and you can speak to the caller.

If three seconds of the message have been recorded when you accept the call, the message is saved. The message key  flashes.

You can answer the call, even if it is not signalled.

Diverting an external call to the answering machine

You can divert an incoming external call to the answering machine, even if it is deactivated.

It is only possible to divert a call, if:

- ◆ The call comes in on a receive connection that is assigned to one of the answering machines
- ◆ The answering machine, to which the receive connection is assigned, is not engaged with another call
- ◆ There is sufficient capacity available on the answering machine

Prerequisite: An external call is signalled on the desktop phone:

Options Open menu.

Divert to AM

Select and press **OK**.

The answering machine starts immediately in answer & record mode and records the call. The set time for ring delay (**page 71**) is ignored.

Activating/deactivating two-way record

You can record an **external** call with the answering machine.

Prerequisites:

- ◆ The MSN used for the call is assigned to an answering machine as a receive connection.
- ◆ The answering machine, to which the receive connection is assigned, is not engaged with another call.
- ▶ Inform the caller that the call is being recorded.

Options Open menu.

Two-Way Record

Select and press **OK**.

Two-way record is indicated on the display by an advisory text and is added to the answering machine list as a new message.

End Press the display key to stop two-way record.

The maximum recording time depends on the capacity available on the answering machine. If the memory is full, you will hear an end tone, the recording is aborted, and the call recorded up to that point is listed in the answering machine list as a new message.

Activating/deactivating call screening

While recording a message, you can screen a call via the desktop phone speaker or registered handsets.

Permanently activating/deactivating call screening

 →  → Call Screening

Desktop Phone

Select to activate/deactivate call screening on the desktop phone (= on).

Handset Select to activate/deactivate call screening on the registered handsets (= on).

Change Select display key to activate/deactivate the function.



Deactivating call screening for the current recording

You can deactivate the function during the recording.

On the desktop phone:

Silence Press the display key.

Answering a call

 /  Press the handsfree key or pick up the receiver.

Setting the recording parameters

The answering machine has already been preset at the factory. Individual settings can be adjusted via the desktop phone or a registered handset.

 →  → Recordings

▶ You can enter data in the following fields:

Length:

Maximum recording time **1 Min.**,
Select **2 Min.**, **3 Min.** or **Maximum**.

Quality:

Select **Long Play** or **Excellent** recording quality. If the quality is higher, the maximum recording time is reduced.

Ring Delay:

Select when the answering machine should accept a call: **Immediately**,
after **10 sec.**, **18 sec.**, **30 sec.** or
Automatic.

Save Press the display key.

Information about ring delay

In **Automatic** mode, the following applies for ring delay:

- ◆ If there are no new messages, the answering machine answers a call after 18 seconds.
- ◆ If there are new messages, the answering machine answers a call after 10 seconds.

When operating remotely (→ **page 72**), you can tell after approx. 15 seconds that there are no new messages (otherwise the answering machine would have already accepted your call). There are no call charges if you hang up now.

Changing the language for voice prompt and pre-recorded announcement

 Open the main menu.

 Enter digits and press

 To set German.

 To set French.

 To set Italian.

 To set English.


Operating when on the move (remote operation)



You can check and activate your answering machine from any other telephone (hotel, pay phone etc.).

Prerequisites:

- ◆ You have set a system PIN other than 0000 ([page 93](#)).
- ◆ The phone you are using for remote operation has tone dialling (DTMF) i.e., you hear different tones when you press the keys. Alternatively, you can use a code transmitter (available from your mobile phone retailer).
- ◆ The connection/MSN via which you call is assigned to the answering machine as a receive connection.

Calling the answering machine and playing messages







 Dial your own number.

 When you hear your announcement: Press . The announcement is aborted.

 Enter system PIN.

You are informed whether any new messages have been recorded. The messages are played. You can now operate the answering machine with the keypad.

The following keys are used for operation:

-  During time stamp playback: Skip to previous message.
During message playback: Skip to the start of the current message.
-  Stop playback. Press again to resume.
After a pause of approx. 60 seconds, the connection is ended.
-  Go to the next message.
-  Repeat the last five seconds of the message
-  During message playback: Delete current message.
-  Change the status of a previously played back message to "new".
The next message starts to play. The remaining capacity is announced at the end of the last message.

Activating the answering machine

- ▶ Phone home and let the phone ring until you hear: "Please enter PIN" (approx. 50 seconds).

 Enter system PIN.

Your answering machine is activated. It tells you how much capacity is left.

The messages are played.

The answering machine cannot be deactivated remotely.



If you enter an incorrect PIN or input is taking too long (more than ten seconds), the connection is ended. The answering machine will remain deactivated.

Using the network mailbox (Combox)

Some providers offer answering machines on the network – network mailboxes.

You need to have **requested** the network mailbox from your network provider. You can store the number of the network mailbox on the desktop phone.

Network mailbox: Entering numbers

 →  **Answering Machine**
→ **Network Mailbox**



Enter or change the phone number for the network mailbox if necessary.


Save Press the display key.



To activate/deactivate the network mailbox, please refer to information from the network provider.

Configuring the (network) mailbox for quick dial



You can use quick dial to make direct calls to the network mailbox or the integrated desktop phone answering machine.

Assigning key 1, changing assignment

Quick dial settings are device-specific. You can assign a different answering machine to key  on the desktop phone and each registered handset.


 Press and hold key .

Or:

 →  **Answering Machine**
→ **Set Key 1**

Network Mailbox / Answering Machine



Select entry and press **Select**
( = on).

You have selected the local Answering Machine:

Quick dial is immediately activated for the local answering machines on the desktop phone.

You have selected the network mailbox:

If a number is already stored for the network mailbox, quick dial is activated immediately.



Press and **hold** end key (idle status).

If no number is saved for the network mailbox, you are asked to enter the number of the network mailbox.



Enter the number for the network mailbox.

Save

Press the display key.



Press and **hold** end key (idle status).

Quick dial is activated.

Please note

You can only assign quick dial to **one** answering machine.


You can also call the network mailbox directly via the message key
(→ [page 74](#)).

Using the network mailbox (Combox)

Calling the network mailbox

 Press and hold.


If you have set the network mailbox for quick dial you are connected directly to the network mailbox.

 If necessary, press the handsfree key.

You hear the network mailbox announcement.


If you have set quick dial for the local answering machine on the desktop phone, message playback starts only if one answering machine is assigned a receive connection for the desktop phone. If you have assigned several answering machines to the desktop phone, then a list of answering machines will appear.

Displaying new messages in the handset's idle display

If a new message is present on the network mailbox, or there is a new message on the integrated answering machine, the  icon and the number of new messages are shown on the handset's idle display. The

 message key flashes.

Calling the network mailbox using the message key

 Press the message key.

Network Mailbox

Select the network mailbox entry and press .

You are connected directly to the network mailbox and hear its announcement. Messages can generally be played back using your handset keypad (digit codes). Listen to the announcement.

ECO DECT: Reducing energy consumption and radiation

You are helping to protect the environment with your Aton phone.

Reducing energy consumption

Your desktop phone has a power-saving adapter plug and uses less power.

Reducing radiation

The radiation reduces **automatically** depending on the distance of the registered handsets to the desktop phone. The closer the handsets are to the desktop phone, the lower the radiation.

You can further reduce the radiation from the handsets and desktop phone by using Eco Mode.

Eco Mode reduces radiation by 80% – whether you are making a call or not.

Eco Mode reduces the range of the desktop phone by approx. 50%. Using **Eco Mode** always makes sense when a reduced range is sufficient.


Switching off radiation

Eco Mode+

When you activate **Eco Mode+**, the radiation (DECT transmission power) from the desktop phone and handset is deactivated in idle status, assuming all registered handsets support **Eco Mode+**.



Eco Mode / Eco Mode+ can be activated/deactivated independently of one another and can also be used when multiple handsets are registered on the desktop phone.

Activating/deactivating Eco Mode / Eco Mode+

 → Settings → Eco Mode
→ Eco Mode / Eco Mode+

Change Press display key (= on).

Idle status displays

Display icon	
 white	Eco Mode+ activated
 green	Eco Mode+ and Eco Mode activated
Nothing shown on the display	Eco Mode activated

Please note

- ◆ When using **Eco Mode+**, you can ensure that the range of the desktop phone is sufficient by pressing and **holding** the talk key on a handset. You hear the ringing tone if the desktop phone can be reached.
- ◆ When **Eco Mode+** is activated:
 - Call setup is delayed by approx. 2 seconds on the handset.
 - Handset standby time is reduced in certain circumstances.
- ◆ Registering handsets that do not support **Eco Mode+** causes the mode to be deactivated on the desktop phone and all other registered handsets.
- ◆ Activating **Eco Mode** reduces the range of the desktop phone.
- ◆ **Eco Mode / Eco Mode+** and repeater support (→ [page 97](#)) cancel each other out i.e., if you use a repeater, you cannot use **Eco Mode** or **Eco Mode+**.

Setting an appointment (calendar)

You can use your desktop phone to remind yourself of up to 30 appointments. Anniversaries entered in the directory (→ [page 49](#)) are automatically recorded in the calendar.

You can select whether the graphic calendar should be displayed in idle status.

When the desktop phone is in idle status:

Calendar Press the display key.

Or:

 →  **Organizer** → **Calendar**

Then:

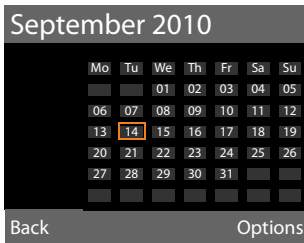
Options → **Show cal. in idle**

- ▶ Press **Change** to activate/deactivate the function (= on).



Saving an appointment.

Prerequisite: The date and time have already been set ([page 93](#)).

 →  **Organizer** → **Calendar**



- ◆ The current day is selected (outlined in orange).
- ◆ Days on which appointments have already been saved are highlighted in orange.

 /  Select the required day in the graphical calendar.

To skip to the next/previous month, go to the last/first day of the month being displayed and then press right/left (or up/down) on the control key.

The selected day is outlined in orange.
The current day is outlined in white.

After selecting the day:

- Press the middle of the control key.
- ◆ If appointments have already been entered, this will open the list of saved appointments on that day.
Use **<New Entry>** → **OK** to open the window and input a new appointment.
- ◆ If no appointments have been entered, the input window will open immediately to add the new appointment.
- ▶ You can enter data in the following fields:

Activation:

Select **On** or **Off**.

Date:

Enter the selected date in this field.

Enter day/month/year in 8-digit format, if necessary.

Time:

Enter hours/minutes in 4-digit format.

Text:

Enter text (max. of 16 characters). The text appears as the appointment name in the appointment list and is displayed on the screen during the appointment reminder. If you do not enter any text, only the date and time of the appointment are displayed.

Signal:

Select a melody with which the appointment should be signalled. If you select **Visual only**, the appointment is only shown on the display.

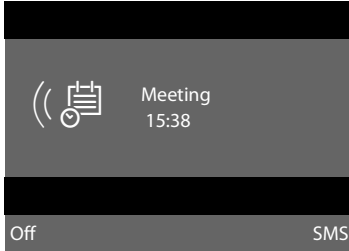
Save Press the display key.

Please note

If you have already saved thirty appointments, you will have to delete an existing appointment before adding a new one.

Signalling appointments and anniversaries

In idle status, an appointment reminder is signalled with the selected ringer melody and will sound for 60 seconds. The name is displayed for anniversaries, while the entered text is displayed for appointments along with the time.



You can either deactivate or answer an appointment reminder:

Off Press the display key to deactivate the appointment reminder.

Or:

SMS Press the display key to accept the appointment reminder with an SMS.

Please note

During a call, the appointment reminder is signalled by a short tone.

It is entered in the missed alarms list.

Managing appointments

→ Organizer → Calendar

Editing individual appointments

/ Select a day in the graphical calendar and press the control key . (Days on which appointments/anniversaries have already been saved are highlighted in orange in the calendar).

A list containing the entries for this day is displayed. Anniversaries are marked with , activated appointments with .

Select appointment/anniversary.

View Press the display key to view the entry.

You can only display anniversaries. You can edit an anniversary via the directory ([→ page 49](#)).

With an appointment, select **Options** for the following options:

Edit Entry

(Similar to [Saving an appointment](#).
→ [page 76](#))

Delete Entry

Delete a selected appointment from the list.

Activate / Deactivate

Activate/deactivate an appointment.
A deactivated appointment is not signalled.

Deleting all appointments

In the monthly view:


Options → Delete all appoint. → **OK**


Confirm the security prompt with **Yes**.
All appointments are deleted.

Displaying missed appointments, anniversaries


Missed appointments/anniversaries (page 49) are displayed in the **Missed Alarms** list if:

- ◆ You do not accept an appointment/anniversary.
- ◆ The appointment/anniversary was signalled during a phone call.

The  icon and the number of **new** entries are shown in the display. The most recent entry is at the head of the list.

Open the list by pressing the **message key**  (→ page 44) or via the menu:

 →  **Organizer** → **Missed Alarms**

 Select appointment/anniversary.

Information about the appointment/anniversary is displayed. A missed appointment is shown with the appointment name (→ page 76), a missed anniversary with name and surname. The date and time will also be given.

Delete Delete appointment

Or:

SMS Write an SMS.

If 10 entries are already stored in the list, the next appointment reminder will delete the oldest entry.

Setting the alarm clock

Prerequisite: The date and time have already been set (page 93).

Activating/deactivating the alarm clock and setting the wake-up time

 →  **Organizer** → **Alarm Clock**

► You can enter data in the following fields:

Status:

Select **On** or **Off**.


Time:

Enter the wake-up time in 4-digit format.

Occurrence:

Select **Daily** or **Monday-Friday**.


Volume:

Set the volume for the alarm (1–5) or crescendo ring (volume increases with each ring = ).

Signal:

Select the melody for the alarm.

Save Press the display key.

In the idle display header, you will see the  icon and the wake-up time.

A wake-up call is signalled on the display and with the selected ringer (→ page 3). The wake-up call sounds for 60 seconds. If no key is pressed, the wake-up call is repeated twice at five minute intervals and then switched off.

During a call, the wake-up call is only signalled by a short tone.

Deactivating the wake-up call/repeating after a pause (snooze mode)

Prerequisite: A wake-up call is sounding.

Off Press the display key. The wake-up call is deactivated.

Or

Snooze Press the display key or any key. The wake-up call is deactivated and then repeated after 5 minutes. After the second repetition the wake-up call is deactivated completely.

Connecting/using other devices

You can upgrade your desktop phone to a "PABX" by connecting other communication devices.

You can register up to six handsets and six repeaters to your desktop phone.

Each registered device is assigned an internal number (2–7) and an internal name (INT 2–INT 7). The number assignment and names can be changed.

If all internal numbers have already been assigned on your desktop phone, you must deregister a handset that is no longer required before registering a new one.

You can also connect an analogue fax machine (→ [page 86](#) and → [page 98](#)) and two Bluetooth devices (a headset and a data device, → [page 83](#)) to the desktop phone.

Registering handsets

You can register up to six handsets and six repeaters to your desktop phone.

You must register a handset on the desktop phone (1) and on the handset itself (2).

1. On the desktop phone:

To set the desktop phone to registration mode:

 → **Registration**
→ **Register Handset**

The desktop phone's DECT interface is (assuming it is deactivated) automatically activated as soon as the desktop phone is set to registration mode.

You can register the handset as long as the display on the desktop phone shows the message **Please register your handset**.

2. On the handset:

Within approx. **60 secs**.

▶ Start the registration procedure **on the handset** in accordance with the handset's operating instructions.



If required, enter the system PIN for the desktop phone (default: 0000) and press **OK**.

After registering successfully

Handset registered is shown on the desktop phone's display.

Please note

If six handsets are already registered to the desktop phone (the internal numbers 2–7 are already assigned), you have two options:

- ◆ The handset assigned the internal number 7 is in idle status:
The handset that previously had the number 7 is deregistered; the new handset is registered and is assigned the internal number 7.
- ◆ The handset assigned the internal number 7 is in use:
The handset to be registered cannot be registered. A message to this effect is displayed on the handset.

Assigning send and receive connections to the handset

If several MSNs are configured on the desktop phone, the connection wizard for the handset is started, enabling you to assign send and receive connections to this handset. For the connection wizard procedure, please see [page 18](#).

Assigning the internal number



The desktop phone assigns the lowest free internal number to the handset (possible numbers: 2–7). The internal number is shown on the handset display e.g., **INT 2**. This means that the handset has been assigned the internal number 2. The desktop phone is assigned the internal number 1.

Deregistering handsets

On the desktop phone:

-  →  → **Registration**
- **De-register Handset**

The list of registered devices (internal parties) is displayed.

-  Select the internal party you wish to deregister and press **OK**.
-  Enter the current system PIN and press **OK**.
- Yes** Press the display key to confirm the prompt.

The handset is deregistered immediately, even if it is not in idle status.

Please note

The system PIN need only be entered if it is something other than 0000.

Locating a handset ("Paging")

You can use the desktop phone to search for the registered handsets.

Prerequisite: There are internal parties registered on the desktop phone. There are a maximum of two connections between the internal parties.

-  Open list of internal parties.


Find handset

Select and press **OK**.

All handsets will ring simultaneously ("paging"), even if the ringers are deactivated.

An external call will not interrupt the paging process.

Ending paging

- ▶ Press the end key .






You can end the paging call prematurely by pressing the talk or end call key on one of the handsets.

The paging call ends automatically after approx. 30 secs.


Making internal calls

Internal calls using registered handsets are free of charge.

Calling a specific handset



-  Initiate internal call.
-  Enter the number of the internal party.
- Or:
-  Initiate internal call.
-  Select the internal party.
-  Lift handset.

Calling all internal parties ("group call")

-  Press and hold left on the control key.

All handsets are called.

Or:

-  Initiate internal call.
-  Press the star key.
- Or

Call All

-  Select
-  Lift handset.


All handsets are called.

Ending a call


-  Replace the receiver.

Transferring a call to a handset

You can transfer an external call to a handset (connect).



-  Open the list of handsets. The external participant hears music on hold, if activated (**→ page 91**).

If more than one handset is registered:

-  Select a handset or **Call All** and press **OK**.

When the internal participant answers:

- ▶ If necessary, announce the external call.

 /  Replace the receiver or press the end key.

The external call is transferred to the other handset.

If the internal participant does **not** answer or the line is busy, press the display key **End**, to return to the external call.



You can also replace the receiver before the internal participant picks up when transferring the call.

Then, if the internal participant does not answer or the line is busy, the call will automatically return to you.

Initiating an Internal consultation/conference

When you are conducting an **external call**, you can call an **internal participant** at the same time for consultation or hold a conference call between all three participants.

You are conducting an **external call**:

-  Open the list of handsets. The external participant hears music on hold, if activated (→ [page 91](#)).
-  If more than one handset is registered: Select handset and press **OK**.

You are connected to the internal participant.

Either:

- Options** → **End Active Call**
You are reconnected with the external participant.


Or:

- Conf.** Press the display key.
All 3 participants are connected with each other.

If the internal participant does not answer:

- ▶ Press display key **End** to return to the first external caller.

Ending a conference

An **internal participant** pressing the end call key (on the handset) or the end key  does not affect the connection between the other internal participant and the external participant.

External call waiting during an internal call

If you receive an **external call** during an **internal call**, you will hear the call waiting tone (short tone). The caller's number or name will appear in the display if Calling Line Identification is enabled.

Rejecting the external call

Reject Press the display key.

The call waiting tone is turned off. You remain connected with the internal participant. The external caller will hear the busy tone.

Ending an internal call

 / 

Replace the receiver or press the end key.


The external call is signalled as an incoming call on the desktop phone. You can accept the call (→ [page 34](#)):

Accepting an external call

Accept Press the display key.

You are connected to the external caller. The internal call is placed on **hold**.

You have the following options:

- ◆ Connect to both participants:
 - ▶ Use  to swap between the participants.
- ◆ Speak to both participants at the same time:
 - ▶ Press display key **Conf.** to establish the conference call. Press display key **EndConf** to return to call swap mode.

Internal call waiting during an internal/external call


If an internal participant attempts to call you while you are involved in an external or external call, this call is shown on the display (internal call waiting). You can either accept or reject this call.

Press any key to make this prompt disappear from the display.

You must end the current call to accept the internal call. Then the internal call is signalled as per usual. You can accept the call.

Changing the name of an internal participant


The names "INT 2", "INT 3" etc. are assigned automatically at registration. You can change these names. The name must be no more than 10 characters. The modified name will then appear in the list of internal participants.

 Open list of internal participants.

 Select handset.

Options Open menu.

Rename


 Enter name.

Save Press the display key.

Changing the internal number of an internal participant

The desktop phone is assigned the internal number **INT 1** as a default setting.


A handset is **automatically** assigned the lowest free internal number from 2–7 during registration. If all numbers are in use, then the number 7 is overwritten as long as this handset is in idle status. You can change the internal number of the desktop phone and all registered handsets (1–7).

 Open list of internal participants. Your own device is marked with < .

Options Open menu.

Assign Handset No.

Select and press **OK**.

 Select number. Make sure you do not assign an internal number (1 to 7) twice.

Save Press the display key to save the input.

Using Bluetooth devices

Your desktop phone can communicate wirelessly via Bluetooth™ with other devices using this technology.

Use Bluetooth to do the following on the desktop phone:

- ◆ Register a Bluetooth headset
- ◆ Register up to 5 data devices (PC, PDA), with which you can swap directory entries in the form of vCards
- ◆ Load ringer melodies and images from the PC to the desktop phone with the help of the QuickSync software (page 106).

Before you can use your Bluetooth devices, you must first activate Bluetooth and then register the devices to the desktop phone.

To use the phone numbers, dialling codes (country and area code) must be stored on the desktop phone (page 94).

You will find a description of how to operate your Bluetooth devices in the user guides for these devices.


Please note

- ◆ You can operate headsets on your handset that have the **headset** or **handsfree profile**. If both profiles are available, the handsfree profile is used to communicate.
- ◆ It can take up to five seconds to establish a connection between your desktop phone and a Bluetooth headset. This applies both when a call is accepted using the headset or transferred to the headset, and when a number is dialled from the headset.
- ◆ The A2DP standard (Advanced Audio Distribution Profile) is not supported.

Activating/deactivating Bluetooth mode

 →  Bluetooth

Activation Select and press **Change** to activate or deactivate Bluetooth mode (= activated).

When the desktop phone is in idle status, the  icon in the header indicates that Bluetooth mode is activated (page 3).

As soon as Bluetooth is activated, your desktop phone is visible to all Bluetooth devices in the receiving range and can communicate with all of the devices included in the Known Devices list.

In Bluetooth mode, incoming calls are ignored.

Registering Bluetooth devices

The distance between the desktop phone in Bluetooth mode and the activated Bluetooth device (headset or data device) should be no more than 10 m.

Please note

- ◆ If you register a headset, any headset that is already registered is overwritten.
- ◆ If you would like to use a headset already registered to another device (e.g., to a mobile phone) with your desktop phone, please **deactivate** this connection before you start the registration process.

Searching for Bluetooth devices

 →  Bluetooth → Search for Headset / Search for Data Device

The search can take up to 30 seconds.

Any incoming calls are ignored during the search.

Cancelling/repeating current search

Cancelling the search:

Cancel Press the display key.

Repeat search if necessary:

In the known devices list:

Options Press the display key.

Repeat Search

Select and press **OK**.

Adding the Bluetooth device to the known devices list

Once the device has been found, its name or address is shown on the display.

Options Press the display key.

Trust Device

Select and press **OK**.



Enter the PIN of the Bluetooth device **to be registered** and press **OK**.

- ▶ Generally you can enter a PIN of your choice for a **data device**. Subsequently, you must enter this PIN in the data device too.
- ▶ Enter the preset PIN for the **headset** (usually: 0000). For further information, please refer to the headset user guide.



The device is saved in the list of known devices.

Please note



- ◆ The known devices list can only contain one Bluetooth headset. If you register a second headset, the first one is deleted from the list.
- ◆ If the list already contains six entries, the last device to be entered is deleted during the subsequent registration process. **Exception:** The headset entry is only overwritten by a new headset and a headset only overwrites the headset entry.

Editing the list of known (trusted) devices


Open list

 →  Bluetooth → Known Devices

A corresponding icon appears next to each device name in the list displayed:

Icon	Meaning
	Bluetooth headset
	Bluetooth data device

No icon is displayed for multiple service devices.

If a device is connected, the corresponding icon is shown in the header of the display instead of .

Viewing entries

Open list →  (select entry)

View Press the display key.

Device name and address are displayed.
Go back with **OK**.

Deregistering Bluetooth devices

Open list →  (select entry)

Options Press the display key.

Delete Entry

Select and press **OK**.
Bluetooth is activated, if necessary.

Please note

If you deregister an activated Bluetooth device, it may try to reconnect as an "unregistered device".

Renaming a Bluetooth device

Open list →  (select entry)

Options Press the display key.

Rename Select and press **OK**. Bluetooth is activated, if necessary.



Change the name.

Save Press the display key.

Rejecting/accepting an unregistered Bluetooth device

If a Bluetooth device that is not registered in the list of known devices tries to connect with the desktop phone, you are prompted on the display to enter the PIN for the Bluetooth device (bonding).

◆ Reject



Briefly press the end key.

◆ Accept



Enter the PIN for the Bluetooth device **you want to accept** and press **OK**.

If you have accepted the device, you can use it temporarily (i.e., as long as it is within receiving range) or save it to the list of known devices.

Once the PIN has been confirmed, save to the list of known devices:

- **Yes** Press the display key.
- **No** Press the display key to use the device temporarily.

Please note

If you only accept the registration of a headset on a temporary basis, the headset is not deleted from the known devices list.

Changing the Bluetooth name of the desktop phone

You can change the desktop phone name used to identify it on the display of another Bluetooth device.

 →  **Bluetooth** → **Own Device**

Change Press the display key. Bluetooth is activated, if necessary.



Change the name.

Save

Press the display key.

Connecting a fax machine

You can connect an ITU-T Group 3 fax machine to the desktop phone via the FAX port.

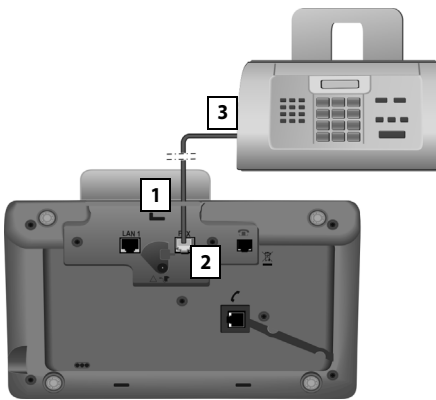
Note

Swisscom recommends not to connect multifunction devices (fax/telephone) to this fax port. These types of devices should preferably be connected directly to an analogue NT2a/b port.

The fax machine is assigned all of the desktop phone's numbers as receive connections. The first number from the configuration is assigned as a send connection. You can change the assignment (→ [page 96](#)).

Please note

If a number is only assigned to the fax machine as a receive connection, then calls to this number will not be entered in the call lists (it is not possible to read the entries from the desktop phone or a handset).



1. Insert one end of the fax connection cable from the rear into the recess in the housing.
2. Plug the jack into the fax port on the desktop phone (labelled: FAX).
3. Connect the fax connection cable to the port on the fax machine.

You do not explicitly have to register the fax machine to the desktop phone. It is automatically "registered", once you activate the FAX port on the desktop phone (→ [page 98](#), default setting is "off").

After activating the FAX port, the fax machine is added to the list of internal participants with the internal name **INT 8**.

Setting the desktop phone

Your desktop phone is preset, but you can change the settings to suit your individual requirements.

The settings described in this chapter only have a local effect on the desktop phone. The corresponding setting on any of the registered handsets does not change.

Quickly accessing functions and numbers

You can program the six function keys on the right-hand side of the desktop phone and the display keys (in idle status). You can assign a phone number (quick dial) or a desktop phone function to each of these keys and change the assignment.

The number is then dialled or the function started by simply pressing a key.

Changing key assignments

In idle status:

- ▶ Press and **hold** the display/function key until a list of possible key assignments is displayed.

The following functions are available:

Quick Dial

Assign a number from the local directory to the key.

The directory is opened.


- ▶ Select an entry and press **OK**.

If you delete or edit the entry in the directory, this will **not** affect the assignment to the function key or display key.

This means that if the phone number changes, you must re-assign the updated entry from the directory to the key as described above.


Alarm Clock

Assign menu for setting and activating the alarm clock to a key (→ [page 78](#)):

 →  **Organizer** → **Alarm Clock**

Calendar

Open calendar/enter new appointment (→ [page 76](#)):

 →  **Organizer** → **Calendar**

Bluetooth

Assign the Bluetooth menu to a key (→ [page 83](#)):

 →  **Bluetooth**

Headset

Accept or pick up a call with the connected headset.

Insert P

Key inserts a dialling pause (a P) when inputting a number

R Function

Not relevant.

More Functions...

More features are available:

◆ Send Connection

Assign an alternative send connection to a key.

- ▶ Select an MSN from the MSN list as (another) send connection for the desktop phone and press **OK**.

Press this display or function key, if the alternative send connection should be used (temporarily) for the subsequent call (instead of the send MSN for the desktop phone).

◆ Line Selection



Assign the list of selected MSNs to a key.

Select the send connection for the next call from the list (→ [page 33](#)).

◆ Call Lists

Assign the call list menu to a key

(→ [page 43](#)):

 →  **Call Lists**

◆ Withhold Number

Restrict Calling Line Identification for the next call (→ [page 39](#)).

Setting the desktop phone

◆ Call Divert

Assign menu for setting and activating/deactivating call divert to a key

(→ [page 37](#)):

 →  **Select Services** → **Call Divert**

Display key assignment: The selected function or the corresponding directory name for the phone number (or its abbreviation) is displayed in the lowest display line above the display key.

Function key assignment: You can make a note of the key assignment on the insert strip next to the respective key.

Starting the function, dialling the number

When the desktop phone is in idle status:

▶ **Briefly** press the function or display key.


Depending on the key assignment:

- ◆ A number is dialled directly.
- ◆ Function menu or list is opened.

Changing the display language


You can view the display texts in different languages.

 →  **Settings** → **Language**


The current language is indicated by a .

 Select language and press **Select**.

If you accidentally choose a language you do not understand:

 * * # aa 0... 3 DEF # aa

Press keys in sequence.

 Select the correct language.

Select Press the right display key.

Setting the display

Setting the screensaver/slideshow

You can display a screensaver when the desktop phone is in idle status. You have the following options:

- ◆ A picture from the **Screensavers** folder in the Resource Directory (→ [page 92](#))
- ◆ All pictures from the **Screensavers** folder in the Resource Directory displaying one after the other in the form of a **Slideshow**
- ◆ Date and time as a digital display (**Digital Clock**)
- ◆ Analogue time (**Analog Clock** – clock-hand display)
- ◆ Information from an info service (**Info Services** – weather information, horoscope etc.). You must have activated the display of info services via the Web configurator.

The desktop phone must be connected to the Internet to display info services.

The type of info service available to your desktop phone is set on the Internet on the Gigaset.net server. You can change the settings via your PC web browser (see user guide for the Web configurator; **Info Services**).

If there is no information currently available, the time is displayed in digital format (**Digital Clock**).

The screensaver replaces the idle status display. It may conceal the calendar, date, time and name.

The screensaver is not displayed in certain situations e.g., during a call.

If a screensaver is activated, the **Screensaver** menu option is marked with .

 →  **Settings** → **Display**
→ **Screensaver**


The current setting is displayed.

▶ You can enter data in the following fields:


Activation:

Select **On** (screensaver is displayed) or **Off** (no screensaver).

Selection:


Select screensaver with  Or

View Press the display key. The active screensaver is displayed.

 Select screensaver and press **OK**.

Save Press the display key.

The screensaver is activated approx. 10 seconds after the display has changed to idle status.

If the screensaver conceals the display, **briefly** press end key  to show the idle display.

Setting the brightness and time control for the display backlight

You can set the brightness of the display on your desktop phone and specify a timeframe during which the display is completely deactivated e.g., at night.

If the display backlight is deactivated, it can be reactivated by pressing any key or by an incoming call. The display backlight is deactivated again after approx. 30 seconds after the last press of a key.

 →  → **Display** → **Backlight**

The current setting is displayed.

► You can enter data in the following fields:

Time Control

Prerequisite: The date and time have already been set.

Select **On** or **Off**.

The following fields are displayed when **Time Control = On**.


Display off from:


Enter the time in 4-digit format when the backlight should be deactivated in idle mode.

Display off until:

Enter the time in 4-digit format when the backlight should be reactivated.

Brightness:

Set the brightness of the display backlight with .

You can select from five brightness levels (1 = low – 5 = very bright; e.g., brightness level 3 = ).

► Press the display key **Save**.


Changing the handsfree/earpiece volume


You can set the volume for handsfree mode and earpiece mode to five different levels.


Setting the volume in idle status

 →  → **Audio Settings**
→ **Call Volume**

You will hear a test tone.



 Set the earpiece volume.

 Scroll to the Speaker line.

 Set the handsfree volume.

Save Press the display key to save the setting.



Setting the volume during a call

You can adjust the volume during a call using the  and  keys. Each time you press the key, the volume will increase or decrease by one level.

Save Press the display key if necessary to save the setting permanently.

Setting ringers

Setting the volume



You can choose between five volumes (1–5; e.g., volume 3 = ) and the "crescendo" ringer (6; volume increases with each ring = .


You can set different volumes for the following functions:


◆ **Internal calls and appointments**
(Appointments → [page 76](#))


Setting the desktop phone

◆ For external calls

 →  → **Audio Settings**
→ **Ringer Settings** → **Volume**

 If necessary, set the volume for internal calls and appointment notification.

 Scroll to the next line.

 If necessary, set the volume for external calls.

Save Press the display key to save the setting.

When choosing the setting, the ringer will sound in the volume currently selected.

Setting the ringer melody



You can select various ringers, melodies or any sound from the resource directory (page 92).


You can set different ringers for the following functions:


◆ Internal calls



◆ For external calls to each individual receive connection on the desktop phone (MSN1 to MSN10)

In idle status:

 →  **Settings** → **Audio Settings**
→ **Ringer Settings** → **Melodies**

 Select **Internal calls** or a receive connection (MSN1 to MSN10).

 Select the melody for this connection.

  Where necessary, select the next connection and set a melody etc.

Save Press the display key to save the settings.

Or:

You can set the ringer melody so it is used for both internal and external calls.

 Select **All calls**.

 Select melody.

Save Press the display key.



Yes Press the display key to confirm the settings.

The setting for all calls will not work as soon as you change the setting for an individual connection.

Setting time control for external calls

You can specify a time period when you do not want the desktop phone to signal external calls e.g., during the night.

Prerequisite: The date and time have already been set.

 →  → **Audio Settings**
→ **Ringer Settings** → **Time Control**

▶ You can enter data in the following fields:

For external calls:

Select **On** or **Off**.

The following fields only appear when **For external calls = On**.

Suspend ring. from:

Enter the start of the period in 4-digit format.

Suspend ring. until:

Enter the end of the period in 4-digit format.



▶ Press the display key **Save**.

Please note

During this period, you will continue to receive calls on the desktop phone from numbers to which you have assigned a personalised melody in the directory (VIP).

Silencing the ringer for anonymous calls

You can set the desktop phone to not ring when external callers cannot be identified.

 →  **Settings** → **Audio Settings**
→ **Ringer Settings**

Anon. Call Silencing

Select and press **Change**.

If the ringer is silenced for anonymous calls, then **Anon. Call Silencing** is marked with .


Activating/deactivating the ringer

You can deactivate the ringer on your desktop phone before you answer a call or when the desktop phone is in idle status; the ringer can be deactivated permanently or just for the current call.

The ringer cannot be re-activated while an external call is in progress.

Deactivating the ringer permanently

****** Press and **hold** the star key.

The  icon appears in the display.

Reactivating the ringer

****** Press and **hold** the star key.

Deactivating the ringer for the current call


Silence Press the display key.

Activating/deactivating alert tones

In place of the ringer, you can activate an alert tone. When you receive a call, you will hear a **short tone** ("Beep") instead of the ringer.

****** Press and **hold** the star key and **within 3 seconds**:

Beep Press the display key. A call will now be signalled by **one** short alert tone.



 appears in the display.

Activating/deactivating advisory tones

Your handset uses advisory tones to tell you about different activities and statuses. The following advisory tones can be activated/deactivated independently of each other:

- ◆ **Key tone:** Every key press is confirmed.
- ◆ **Acknowledge tones:**
 - **Confirmations** (ascending tone sequence): At the end of an entry/setting and when an SMS or a new entry arrives in the answering machine list or call list
 - **Error tone** (descending tone sequence): When you make an incorrect entry
 - **Menu end tone:** When scrolling to the end of a menu

In idle status:

 →  **Settings** → **Audio Settings**
→ **Advisory Tones**

▶ You can enter data in the following fields:

Key Tones:

Select **On** or **Off**.



Confirmation:

Select **On** or **Off**.

Save Press the display key.

Activating/deactivating music on hold

Music on hold is played e.g., during a call swap or consultation call to a caller with whom you are not actively connected.

 →  **Settings** → **Audio Settings**
→ **Music on hold**

▶ Press the display key **Change** to activate or deactivate music on hold (= on).

Using the resource directory

The resource directory manages sounds/melodies, which you can use as ringers, and pictures, which you can use as caller pictures or as screensavers. Prerequisite: Calling Line Identification (CLIP). The resource directory can manage the following media types:

Type	Format
Sounds	G.722 raw
Pictures	BMP, JPG, Non-animated GIF
– Caller picture	190 x 144 pixels
– Screensaver	240 x 320 pixels

Your desktop phone has a variety of default sounds and pictures.


You can listen to the available sounds and view the pictures.


You can download pictures and sounds from a PC (→ [page 106](#)). If there is not enough capacity available, you must first delete one or more pictures or sounds.

Please note

The Gigaset QuickSync PC software converts all the standard formats (MP3, WMA, TIFF) into formats supported by the desktop phone (see above) and adjusts the image resolution to the resource directory.


Viewing caller pictures


 → ☆ → **Resource Directory**
→ **Screensavers / Caller Pictures** (select entry)

View Press the display key. The selected picture is displayed. Switch between pictures using the  key.



If you have saved a picture in an invalid file format, you will see an error message after selecting the entry.

Playing back sounds


 → ☆ → **Resource Directory**
→ **Sounds** → (select entry)

The selected sound is played back immediately. Switch between the sounds using the  key.

You can adjust the volume during playback:

▶ Adjust the volume using the  /  keys and press the display key **Save**.

Or:

▶ Open the **Options** → **Volume** submenu. Select the volume using . Press the display key **Save**.

Deleting/renameing a picture/sound

You have selected an entry.

Options Open menu.

You can select the following functions:

Delete Entry

The selected entry is deleted.


Rename

Change the name (max. 16 characters) and press **Save**. The entry is stored with the new name.

If a picture/sound cannot be deleted, these options are not available.

Checking the capacity

You can check how much capacity is available for sounds and pictures.

 → ☆ → **Resource Directory**
→ **Capacity**

Configuring the system settings

You can make the following settings via the menu on the desktop phone, on a registered Gigaset SL78H, SL400H handset, MT Aton CLx315 handset or via the Web configurator on the desktop phone.

The following steps are carried out using the desktop phone.

The majority of the settings can also be made via a registered Gigaset SL78H, SL400H or S79H handset. The procedure is similar to that on the desktop phone, although the menu structure is slightly different.

Instructions on operating via the desktop phone's Web configurator can be found in the user guide on the enclosed CD.

Setting the date and time manually

To ensure you have the correct time for incoming calls and to use the alarm clock and calendar, the date and time must be set.

Please note

The address of a time server on the Internet is stored on your desktop phone. The date and time are taken from this time server provided that the desktop phone is connected to the Internet and synchronisation with the time server is activated. Manual settings are overwritten in this case.

The date and time are updated with each outgoing external call.

If the date and time on the desktop phone have not yet been set, the **Time** display key will appear.

Time Press the display key.

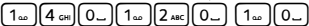
Or:

 →  **Settings** → **Date/Time**


▶ You can enter data in the following fields:


Date:

Enter day, month and year as an 8-digit number via the keypad

e.g.,  for 14/01/2010.

Time:

Enter the hours and minutes as four digit numbers via the keypad e.g.,  for 07:15 am.



▶ Press the display key **Save** to save the settings.

Protecting against unauthorised access

Protect the desktop phone system settings with a PIN known only to you. You have to enter the system PIN if you register or de-register a handset, change local network settings, perform a firmware update or reset the phone to default settings.

Changing the system PIN

You can change the desktop phone's 4-digit system PIN (default setting: 0000) to a 4-digit PIN known only by you.

Setting a system PIN facilitates remote operation of the answering machine

(→ [page 72](#)).

 →  **Settings** → **System**
→ **System PIN**



Enter the current system PIN if necessary and press **OK**.



Enter new system PIN.





Press the display key.

Setting your own area code

To transfer phone numbers (e.g., in vCards), it is essential that your area code (international and local area code) is saved on the desktop phone.


Some of these numbers are already preset.


 →  **Settings** → **Telephony**
→ **Area Codes**


Check that the (pre)set area code is correct.


▶ You can enter data in the following fields:

 Select/change input field.

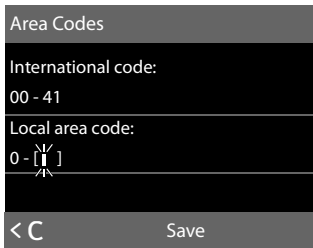
 Navigate in the input field.

 If necessary, delete number:
Press the display key.

 Enter number.

 **Save** Press the display key.

Example:



Setting the desktop phone's IP address in LAN

Prerequisite: Your desktop phone is connected to a router or a PC (→ [page 14](#)).

An IP address is required in order for the LAN to "recognise" your desktop phone.

The IP address can be assigned to the desktop phone automatically (by the router) or manually.

◆ If done **dynamically**, the router's DHCP server automatically assigns an IP address to the desktop phone. The desktop phone's IP address can be changed according to router settings.


◆ If done manually/**statically**, you assign a static IP address to the desktop phone. This may be necessary depending on your network configuration (e.g., if your desktop phone is connected directly to a PC).

You can also make local network settings via the Web configurator.

Please note

To assign the IP address dynamically, the DHCP server on the router must be activated. Please also read the user guide for your router.

 →  **Settings** → **System**
→ **Local Network**

 Enter the system PIN and press **OK**.

▶ You can enter data in the following fields:

IP Address Type

Select **Static** or **Dynamic**.

For **IP Address Type Dynamic**:

The following fields show the current settings that the phone obtained from the router. These settings cannot be changed.

For **IP Address Type Static**:

You must manually define the IP address and the subnet mask for the desktop phone in the next lines, as well as the standard gateway and DNS server.

IP Address

Enter the IP address that is to be assigned to the desktop phone (overwriting the current settings).

192.168.2.1 is the default.

Information on the IP address can be found in the glossary on [page 121](#).

Subnet Mask

Enter the subnet mask to be assigned to the desktop phone (overwriting the current settings).

The default setting is 255.255.255.0

Information about the IP address can be found on [page 124](#).

DNS Server

Enter the IP address for the preferred DNS server. The DNS server (Domain Name System) converts the symbolic name of a server (DNS name) into the public IP address for the server when the connection is made.

You can specify your router's IP address here. The router forwards desktop phone address requests to its DNS server.

192.168.2.1 is the default.

Default Gateway

Enter the IP address for the standard gateway through which the local network is connected to the Internet. This is generally the local (private) IP address for your router (e.g., 192.168.2.1). Your desktop phone requires this information to access the Internet.

192.168.2.1 is the default.

- ▶ Click **Save** to save the settings.

Setting up/deleting ISDN phone numbers (MSNs)

Your ISDN connection offers you two telephone lines (B channels) that you can use simultaneously. You can set up a maximum of ten separate phone numbers (MSNs) on your desktop phone. You are assigned these phone numbers by your network provider.

Please note

There are several ways of assigning an MSN to ISDN extension systems. For more information on this topic, refer to the user guide belonging to your extension system.



If you have not yet stored all the numbers with the installation wizard (→ [page 16](#)), you can enter them now. You can start the ISDN wizard at any time via the menu to change the configuration.

All numbers that are stored retrospectively are automatically assigned to the desktop phone, all registered handsets and the answering machine 1 as receive MSNs.

Each new number you set up is automatically given its own ringer, which you can change individually ([page 89](#)).

You can set up, edit and delete MSNs with the help of the ISDN wizard.

In idle status:

 →  **Settings** → **ISDN Wizard**


Yes Press the display key to launch the ISDN wizard.


OK Press the display key to confirm the info text.


A list of MSNs already set up is then displayed.


Change Press the display key to set up additional MSNs or modify the settings for an existing MSN.

Setting up a new MSN

 Select the row **MSN - Name** of an empty MSN entry.

 Enter MSN name (max. 16 characters) (optional).


 Jump to the corresponding **MSN - Number** line.

 Enter MSN number (max. 20 digits; without area code = prefix).


- ▶ Repeat this process for other MSNs, if required.
- ▶ Press the display key **Save** to save the changes.


Once the ISDN wizard is complete, the connection wizard starts automatically. This enables you to assign send and receive connections to the desktop phone's internal parties (→ [page 18](#)).

Changing/deleting an MSN

 Select the **MSN - Name / MSN - Number** for the MSN entry that you wish to edit.

Configuring the system settings

 Delete the previous name/number.

 Enter the new MSN name/number, if required.

- ▶ Repeat this process for other MSNs, if required.
- ▶ Press the display key **Save** to save the changes.

If you have deleted both the MSN name and number and not entered any new values, the MSN is deleted.

If the MSN you have deleted was the send connection (page 79) of an internal party then a new send connection (the MSN with the lowest ranked number) will automatically be assigned to this internal party.

Assigning send and receive connections to internal parties

If you have several MSNs configured for your telephone system, you can do the following for each internal party:


- ◆ Assign a send connection or allow the internal party to select the line for each external call (select line).
- ◆ Assign one or several receive connections. Only calls received via the assigned MSN(s) are signalled on the device.


Assigning a receive connection

Prerequisite: Several phone numbers are configured for your desktop phone.

 →  → **Telephony**
→ **Send Connections**

A list of the internal parties (desktop phone, handsets, fax machine INT8 – where connected) is displayed.

 Select the internal parties that should be assigned a new send connection and press the display key **OK**.

 **Select at each call** or select an MSN as the send connection.

Save Press the display key to save the changes.


If you select **Select at each call**, the internal party can select which MSN is used to establish a connection every time he makes a call.

Assigning receive connections

Prerequisite: Several connections are configured for your desktop phone.


 →  → **Telephony**
→ **Receive Connections**

A list of the internal parties (desktop phone, handsets, local answering machines, fax machine INT8 – where connected) is displayed.

 Select the internal parties that should be assigned new receive connections and press the display key **OK**.

A list containing all receive connections (MSN) is opened.

 Select **Yes** or **No**.

 Change to the next receive connection.

- ▶ Repeat these two steps for each MSN.
- ▶ Press the display key **Save** to save the changes.

Updating the phone firmware

Prerequisite: The desktop phone is connected to the Internet (i.e., connected to a router, → page 14).

If necessary, you can update your desktop phone's firmware.

The firmware update is downloaded directly from the Internet by default. The relevant Web page is preconfigured to your desktop phone.

Prerequisite:

The desktop phone is in idle status i.e.,

- ◆ no calls are being made.
- ◆ There is no internal connection to/ between the registered handsets.
- ◆ No handset has the desktop phone menu open.

Starting the firmware update manually

 →  Settings → System

Update Firmware

Select and press **OK**.



Enter the system PIN and press **OK**.

The desktop phone establishes a connection to the Internet.

Yes Press the display key to start the firmware update.

Please note

- ◆ The firmware update can take up to 3 minutes.
- ◆ When updating from the Internet, checks are made to ensure that no newer version of the firmware exists. If this is not the case, the operation is terminated and a message is issued to that effect.

Automatic firmware update

Your desktop phone will check daily whether a newer firmware update is available from the Internet on the Gigaset configuration server. If firmware updates are available, the notification **New firmware available. Update?** is displayed on the idle display of the desktop phone.

Yes Press the display key to confirm the prompt.

The firmware is loaded onto your desktop phone.

Please note

If the desktop phone is not connected to the Internet at the time when the check for new firmware is to be carried out (e.g., because the router is deactivated), the check is carried out as soon as the desktop phone is reconnected to the Internet.

You can deactivate the automatic version check via the Web configurator.

Activating repeater support

You can increase the range and signal strength of your desktop phone using a repeater. You will need to activate repeater mode. This will terminate any calls that are in progress at the time.

Prerequisite: Eco mode(+) is deactivated.

 →  → System → Repeater Mode

Change Press the display key to activate or deactivate repeater mode (= on).

Yes Press the display key to confirm the prompt.


Please note

Repeater support and Eco/Eco+ mode (→ [page 75](#)) cancel each other out i.e., both functions cannot be used at the same time.

Activating/deactivating the DECT interface

If you deactivate the DECT interface, the radio connection between the desktop phone and the registered handsets/repeaters is terminated. Handsets/repeaters are "asynchronous" to the desktop phone. They cannot establish a connection with the desktop phone and no calls are signalled. Handsets/repeaters do remain registered to the desktop phone and will synchronise with the desktop phone as soon as you reactivate the DECT interface.

Configuring the system settings

 →  **Settings** → **System**
→ **DECT Interface**

Change Press the display key to activate/deactivate the DECT interface (= activated).

If there are no handsets or repeaters registered to the desktop phone, the desktop phone's DECT interface is automatically deactivated.



If you switch the desktop phone to registration mode (→ [page 79](#)) to reregister handsets/repeaters, the DECT interface is automatically reactivated.

Activating/deactivating the FAX port

You can connect a fax machine to the FAX port on the telephone. To register the fax machine to the desktop phone, you must activate the FAX port.

The FAX port is deactivated by default.

When you activate the FAX port, it is regarded as registered. The internal number 8 is assigned to it/the connected fax machine. INT 8 is displayed in the list of internal parties (even if there is not a fax machine connected).

 →  **Settings** → **System** → **FAX Port**

Change Press the display key to activate/deactivate the FAX port (= on).

To connect a fax machine, please see [page 86](#)

Restoring the desktop phone to the default settings

The individual settings are reset.

When the settings are restored:

- ◆ Date and time are retained
- ◆ Handsets are still registered
- ◆ The system PIN is not reset.

In particular, the following are reset to the default settings:

- ◆ The entered MSNs (are deleted)
- ◆ The assignment of send and receive connections
- ◆ Settings for the ringer melodies and volume levels
- ◆ Settings for the local network
- ◆ The names of the handsets
- ◆ SMS settings (e.g., SMS service centres,)
- ◆ Eco Mode and Eco Mode+ are deactivated
- ◆ PABX connection settings
- ◆ Answering machine settings and personal announcements are deleted
- ◆ Function and display key assignment

The following lists are deleted:

- ◆ SMS lists
- ◆ Call lists
- ◆ Answering machine lists

 →  → **System** → **Reset**



Enter the current system PIN and press **OK**.


Yes

Press the display key.

Checking the desktop phone's MAC address

Depending on your network configuration, you may have to enter your desktop phone MAC address in your router's access control list, for example. You can check the MAC address on the desktop phone.

In idle status:

 * * # * 0... 5 .kl # * 2 abc 0...

The MAC address is displayed.

Connecting the desktop phone to a PABX

The following settings are only necessary if your PABX requires them; see the PABX user guide.

Please note:

- ◆ You cannot send or receive SMS messages on PABXs that do not support Calling Line Identification.
- ◆ There are several ways of assigning an MSN to ISDN extension systems. For more information on this topic, please refer to the user guide belonging to your extension system.

Saving an access code (outside line code)

Prerequisite: You may have to enter an access code in front of the number for external calls in your PABX e.g., "0".

 →  → **Telephony** → **Access Code**

- ▶ You can enter data in the following fields:

Access external line with:

Enter or change access code, max. 3 digits.

For:

Calls List

The access code will prefix the numbers dialled on the desktop phone or a handset from the SMS list, a call list or an answering machine list.

All Calls

The access code prefixes all numbers dialled on the desktop phone or a handset.

Off

The access code is deactivated. It does not prefix any phone number.

Save Press the display key.

The access code never prefixes any emergency numbers or SMS service centre numbers.

Transferring a call – ECT (Explicit Call Transfer) *

With some ISDN PABX systems, your two participants are not connected when you replace the receiver during call transfer ([page 41](#)). In this case, you need to activate this function ([page 38](#)). To do so, please refer to the operating instructions of your PABX.


Using Centrex

If your desktop phone is part of a Centrex system, you can use the following features.

Calling Name Identification (CNI)

When you receive incoming calls from other Centrex subscribers, the caller's number and name are shown on the display.

Message Waiting Indication (MWI)

New calls in the call list are indicated using icons (→ [page 44](#)). The  message key flashes.

* Dependent on the provider

Selecting dialling mode/ options

The **keypad** function allows you to control certain features by entering sequences of characters and digits.

The keypad function must be activated when you connect your desktop phone to an ISDN PABX or exchange (e.g., Centrex) that is controlled using keypad protocol. The digits/characters 0–9, * and # are sent as keypad information elements. Please ask your service provider about the information and codes you can transmit.

Setting options

You can switch between the **Auto. Tone Dial**, **Auto. Keypad** and **Dial of * and #** settings.

Auto. Tone Dial

Once normal dialling has been activated, * and # are not transmitted during dialling and if * and # are entered it is not possible to switch to the keypad.

Auto. Keypad

Once * or # have been entered, this setting automatically switches signalling during dialling to the keypad. This automatic switchover is needed for giving commands to the exchange or PABX.

Dial of * and

Once **Dial of * and #** has been activated, the * and # characters are transmitted during dialling as commands to the exchange or PABX.

Regardless of the setting options above, after dialling or during a call, the phone automatically switches to tone dialling (DTMF) e.g., for controlling an answering machine remotely.

 →  **Settings** → **Telephony**
→ **Dialling Mode**



Select setting and press **Select**
e.g., **Auto. Tone Dial** (☉ = on).

Activating/deactivating the keypad during a call

In addition to the permanent settings described above, you can also switch temporarily to the keypad.

The setting only applies to the current external call and is automatically deactivated after the call is ended.

Depending on whether **Auto. Keypad** is activated, you may need to activate or deactivate **Auto. Keypad** during the call.

Options Open menu.

Auto. Keypad

Select and press **Change**
(☑ = on).

Warranty/Maintenance/Repair/ Approval

Warranty

The warranty period is 2 years as of the date of purchase. For warranty repair, the warranty card, filled out and stamped by the place of purchase must accompany the faulty device. Excluded from the warranty are damages due to improper use, wear and tear or tampering by others. The warranty does not include consumable materials and faults that have only an insignificant affect on the value or usability of the product. In case of errors, please contact your place of purchase.

Repair/Maintenance

Rental devices

If your phone does not operate properly, notify Technical Assistance (phone number 0800 800 800).

The repair* and the fault action are free of charge.

Purchased devices

Repair services are performed free of charge within the warranty period in accordance with the regulation of the warranty certificate. If a repair is necessary, the device must be returned to the place of purchase.

If Technical Assistance is made available (also during the warranty period*), the fault action is charged (route lump sum price as well as expenses for time). The repair costs are additional outside the warranty period.

Help

If you have any general questions about products, services etc., please contact your Swisscom Information Centre (toll-free number 0800 800 800).

* An exception is damage to wearing parts (cable, labels, batteries etc.) and due to improper handling (damage from dropping, infiltrated fluids etc.).

Faults and self-help with troubleshooting

Not every problem signifies a fault in your telephone. In some cases, problems can be resolved by briefly interrupting the power supply to the base station (unplug the power supply unit and then plug it in again) or removing the battery cells from the handset and reinserting them. The following information is designed to help you with specific problems.

Important: Some problems or faults can only be resolved if you take the complete device (base station, handset and connection cable) to the place of purchase.

Registration or connection problems with a Bluetooth headset.

- ▶ The A2DP standard (Advanced Audio Distribution Profile) is not supported.
- ▶ Reset the Bluetooth headset (see the user guide for your headset).
- ▶ Delete registration data from the desktop phone when deregistering the device (→ [page 85](#)).
- ▶ Repeat the registration process (→ [page 83](#)).

The display is blank.

1. The desktop phone is not connected to mains power supply.
 - ▶ Check the mains connection (→ [page 13](#)).
 2. The backlight is deactivated because a time control was activated (→ [page 89](#)).
 - ▶ Press any key on the desktop phone to temporarily activate the display backlight.
- Or:
- ▶ Deactivate the time control (→ [page 89](#)).

No connection between the desktop phone and handset.

1. Handset is out of the range of the desktop phone.
 - ▶ Move the handset closer to the desktop phone.
2. Range of the desktop phone has been reduced as Eco mode is active.
 - ▶ Deactivate Eco Mode ([page 75](#)) or reduce the distance between the handset and the desktop phone.
3. The handset has not been registered to the desktop phone or was deregistered due to the registration of an additional handset (more than 6 DECT registrations).
 - ▶ Register the handset with the desktop phone (→ [page 79](#)).
4. The firmware is currently being updated.
 - ▶ Please wait until the update is complete.
5. Desktop phone is not switched on.
 - ▶ Check the power adapter for the desktop phone ([page 12](#)).

The desktop phone does not ring.

1. The ringer is deactivated.
 - ▶ Activate the ringer ([page 91](#)).
2. Call divert set for "All Calls".
 - ▶ Deactivate call divert ([page 37](#)).
3. The MSN, on which the call is received, is not assigned to the desktop phone as a receive connection.
 - ▶ Change the assignment of receive connections ([page 79](#)).

The display shows "Please check phone connection".

Connector to the telephone network may not be plugged in.

- ▶ Check the telephone connection (→ [page 12](#)).

You cannot hear a ringer/dialling tone from the fixed line network.

The supplied phone cable is not being used or the phone cable may be faulty.

- ▶ Replace the phone cable.

Handset does not ring after setting up the ISDN phone number (MSN).

The area code has been stored with the MSN.

- ▶ Save MSN without area code.

Some of the ISDN functions do not work as specified.

ISDN functions are not enabled.


- ▶ Check with your network provider.

Error tone sounds after system PIN prompt.

You have entered the wrong system PIN.

- ▶ Repeat input of system PIN.

The other party cannot hear you.

You have pressed the mute button .

The desktop phone is "muted".

- ▶ Unmute the microphone ([page 36](#)).

The number of the caller is not displayed despite CLIP.

Calling Line Identification is not working.

- ▶ **The caller** should ask the network provider to check Calling Line Identification (CLI).

You hear an error tone when keying in information (a descending tone sequence).

Action has failed/invalid input.

- ▶ Repeat the process.
Watch the display and refer to the user guide if necessary.

No time is specified for a message in the call list.

Date and time have not been set.

- ▶ Set the date/time.
- ▶ Activate desktop phone synchronisation with a time server on the Internet via the Web configurator.

The answering machine announces "PIN is incorrect" during remote operation.

You have entered the wrong system PIN.

- ▶ Repeat input of system PIN.

The answering machine is not recording any messages/has switched to answer only mode.

Its memory is full.

- ▶ Delete old messages.
- ▶ Play back new messages and delete.

The integrated answering machine will not record a conversation or interrupts the recording.

The display shows **AM memory full - Delete messages**.

The answering machine's memory is full.

- ▶ Use a registered handset to delete messages and restart two-way record.

Or:

- ▶ End the call, delete old messages on the answering machine and then re-establish the connection.

A firmware update is not being carried out.

1. If **Currently not possible** is displayed, download/update is already being carried out.
 - ▶ Repeat the process at a later date.
2. If **File unreadable** is displayed, the firmware file may be invalid.
 - ▶ Use only the firmware available on the pre-configured Swisscom configuration server.
3. If **No connection to VoIP provider** is displayed, the download server may not be accessible.
 - ▶ The server is currently not accessible. Repeat the process at a later date.
 - ▶ You have changed the preconfigured server address. Correct the address. Reset the desktop phone, if necessary.
4. If **Transmission error XXX** is displayed, an error has occurred during the transmission of the file. An HTTP error code is displayed for XXX.
 - ▶ Repeat the process. If the error occurs again, consult the Service department.
5. If **Check IP settings** is displayed, your desktop phone may not be connected to the Internet.
 - ▶ Check the cable connections between the desktop phone and router and between the router and the Internet.
 - ▶ Check whether the desktop phone is connected to the LAN i.e., it can be reached at its IP address.

You cannot establish a connection to the desktop phone with your PC's Web browser.

- ▶ When establishing a connection, check the desktop phone's local IP address that has been entered. You can check the IP address on your desktop phone (page 94).
- ▶ Check the connections between the PC and the desktop phone. Transmit a ping command to your desktop phone e.g., from your PC (ping <desktop phone's local IP address>).
- ▶ You have tried to reach the desktop phone via a secure http (https://...). Try again with http://....

Exclusion of liability

Some displays may contain pixels (picture elements), which remain activated or deactivated. As a pixel is made up of three sub-pixels (red, green, blue), it is possible that pixel colours may vary.

This is completely normal and does not indicate an error.


Checking service information

If you contact Customer Services, you may need the desktop phone's service information.

Prerequisite: You have dialled or you are already making an external call. The connection has been established for at least 8 seconds.

Options → Service Info

Confirm selection with **OK**.

The following information/functions can be selected with :

- 1: Desktop phone serial number (RFPI)
- 2: Not in use: - - -
- 3: Informs the service employees of the desktop phone settings (in hex diagram) e.g., the number of registered handsets, repeater mode. The last 4 digits indicate the number of operating hours (hexadecimal).

- 4: Variant (digits 1 to 4), Telephone firmware version (digits 5 to 6).
- 5: not relevant
- 6: Device number of the desktop phone. This contains additional information for the service employer.

Approval

This device is intended to be operated on the Swiss ISDN network.

Voice over IP telephony is possible via the LAN interface if an additional modem has been connected.

If you have any questions about the differences between the public phone networks, please contact your specialist dealer or network provider.

Swisscom hereby declare that this device meets the essential requirements and other relevant regulations laid down in Directive 1999/5/EC.

 **0682**

The Declaration of Conformity can be found on the following website:

www.swisscom.ch

Appendix

Caring for your telephone

- ▶ Wipe the desktop phone with a **damp** cloth (do not use solvent) or an antistatic cloth.

Never use a dry cloth as this can cause static.

Using insert strips

Blank insert strips for the function keys can be found on the enclosed CD.

Specifications

Power consumption of the desktop phone

In idle status	Approx. 3.6 W
During a call	Approx. 4.3 W

General specifications

Interfaces	ISDN, Ethernet, Bluetooth
DECT standard	Is supported
GAP standard	Is supported
No. of channels	60 duplex channels
Radio frequency range	1880–1900 MHz
Duplex method	Time multiplex, 10 ms frame length
Channel grid	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Language code	32 kbit/s
Transmission power	10 mW, average power per channel
Range (handsets)	Up to 250 m outdoors, up to 40 m indoors
Power supply	230 V ~/50 Hz
Environmental conditions in operation	+5°C to +45°C, 20% to 75% relative humidity
Codecs	G.726 – internal narrowband G.711 – ISDN G.722 – internal wideband
Protocols	DECT, GAP, DHCP, NAT Traversal (STUN), HTTP

Writing and editing text

The following rules apply when writing text:

- ◆ Each key between **0** and **9** is assigned several letters and characters.
- ◆ Control the cursor with **←**, **→**, **↑**, **↓**. Press and **hold** **←** or **→** to move the cursor **word by word**.
- ◆ Characters are inserted to the left of the cursor.
- ◆ Press the star key ***** to display the table of special characters. Select the required character and press the display key **Insert** to insert the character at the cursor position.
- ◆ Press and **hold** **0** to **9** to enter digits.
- ◆ Press display key **<C** to delete the **character** to the left of the cursor. Press and **hold** to delete the **word** to the left of the cursor.
- ◆ The first letter of the name of directory entries is automatically capitalised, followed by lower case letters.

Setting upper/lower case or digits

Repeatedly press the hash key **#** to change the text input mode.

123	Writing digits
Abc	Upper case *
abc	Lower case

First letter in capitals, all others in lower case

The active mode is indicated at the bottom right of the screen.

Writing an SMS/name

Press the relevant key several times to enter letters/characters.

- ▶ Enter the individual letters/characters by pressing the corresponding key.

The characters assigned to the key are shown in a selection line at the bottom left of the screen. The selected character is highlighted.

- ▶ **Briefly** press the key several times in succession to select the required letter/character.

If you press and **hold** the key, the corresponding digit is inserted.

Standard characters

	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x
1 sp	␣ ¹⁾	↵ ²⁾	1							
2 abc	a	b	c	2	ä	á	à	â	ã	ç
3 def	d	e	f	3	ë	é	è	ê		
4 ghi	g	h	i	4	ï	í	ì	î		
5 jkl	j	k	l	5						
6 mno	m	n	o	6	ö	ñ	ó	ò	ô	õ
7pqrs	p	q	r	s	7	ß				
8 tuv	t	u	v	8	ü	ú	ù	û		
9 wxyz	w	x	y	z	9	ÿ	ý	æ	ø	å
0	,	?	!	0					

1) Space

2) Line break

Using Gigaset QuickSync – additional functions for the PC interface

You can connect your desktop phone to your computer via Bluetooth ([page 83](#)) or via the Ethernet cable supplied. To use the Bluetooth connection, your PC must be equipped with a suitable dongle.

The "Gigaset QuickSync" program must be installed on your PC so it can communicate with the desktop phone. The program can be found on the enclosed CD.

Transferring data

You can:

- ◆ Synchronise your desktop phone directory with Outlook
- ◆ Download caller pictures from the PC to the desktop phone
- ◆ Download pictures as a screensaver from the PC to the desktop phone
- ◆ Download sounds (ringer melodies) from the PC to the desktop phone

During the transfer of data between the desktop phone and PC, a message to that effect is shown on the display. During this time the keypad is disabled, and incoming calls are ignored.

Using Open Source software contained in the product

The firmware for your Gigaset phone includes integrated Open Source licensed software from third-party providers. These integrated Open Source software files are protected by copyright. Rights of use for this Open Source software that extend beyond the pure scope of the program execution intended by Gigaset Communications GmbH are stipulated in the license conditions for the Open Source software.

If these rights of use are observed, then the Open Source software can be used as the license intended. Conflicts may arise between the license conditions from Gigaset Communications GmbH and the Open Source software license conditions. In such cases, the Open Source software license conditions have priority for the relevant Open Source parts of the software. You will find the licence text in its original English version on the pages that follow. The license conditions are also available at the following website:

<http://www.gigaset.com/opensource/>

If the programs contained in this product are licensed as part of the GNU General Public License (GPL), GNU Lesser General Public License (LGPL) or another Open Source software license that requires the disclosure of the source code and the product does not contain software in source code format, then the source code and copyright information relating to this software can be downloaded from the following Internet site:

<http://www.gigaset.com/opensource/>

The corresponding source code can be requested from Gigaset Communications GmbH, but this will incur a EUR 10 processing charge for the provision. This request can be made within three years from the date of purchase. Please enclose a receipt with the date of purchase, the ID number (MAC ID) for the product and the version number for the device firmware installed and send to the following address:

Small Parts Dispatch Com Bocholt

E-mail: kleinteileversand.com@gigaset.com

Fax: 0049 2871 / 91 30 29

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```

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Glossary

A

Authentication

Restriction of access to a network/service by use of an ID and password to log in.

Automatic ringback

See **Ringback when the number is busy**.

B

Block dialling

Enter the complete phone number, and correct it if necessary. Then pick up the handset or press the handsfree key to dial the phone number.

Broadband Internet access

See **DSL**.

C

Call waiting

= CW.

Network provider feature. A beep during a call indicates that another caller is waiting. You can accept or reject the second call. You can activate/deactivate the feature.

Call divert

= CD

Automatic diversion (CD) of a call to a different telephone number. There are three kinds of call divert:

- CDU, Call Divert Unconditional
- CDB, Call Divert Busy
- CDNR, Call Divert No Reply

Call swap

Call swap allows you to switch between two callers or between a conference and an individual caller without allowing the waiting caller to listen to the call.

Client

Application that requests a service from a server.

Codec

Coder/decoder

Codec is a procedure that digitises and compresses analogue voice before it is sent via the Internet, and decodes – i.e., translates into analogue voice – digital data when voice packets are received. There are different codecs, with differing degrees of compression, for instance.

Both parties involved in the telephone connection (caller/sender and recipient) must use the same codec. This is negotiated between the sender and the recipient when establishing a connection.

The choice of codec is a compromise between voice quality, transmission speed and the necessary bandwidth. A high level of compression, for example, means that the bandwidth required for each voice connection is low. However, it also means that the time needed to compress/decompress the data is greater, which increases execution time for data in the network and thus impairs voice quality. The time required increases the delay between the sender speaking and the recipient hearing what has been said.

COLP/COLR

Connected Line Identification Presentation/Restriction

Feature provided by a ISDN connection for outgoing calls.

COLP displays the phone number accepting the call on the calling party's display unit.

The number of the party accepting the call is different to the dialled number e.g., if the call is diverted or transferred.

The called party can use COLR (Connected Line Identification Restriction) to prevent the number from appearing on the calling party's display.

Consultation call

You are on a call. With a consultation call, you interrupt the conversation briefly to establish a second connection to another participant. If you terminate the connection to this participant immediately, then this was a consultation call. If you switch between the first and second participant, it is called **Call swap**.

D

DHCP

Dynamic Host Configuration Protocol
Internet protocol that handles the automatic assignment of **IP addresses** to **Network subscriber**. The protocol is made available in the network by a server. A DHCP server can, for example, be a router.

The phone contains a DHCP client. A router that contains a DHCP server can assign the IP addresses for the phone automatically from a defined address block. The dynamic assignment means that several **Network subscribers** can share one IP address, although they can only use it alternately and not simultaneously.

With some routers you can specify that the IP address for the phone is never changed.

DMZ (Demilitarised Zone)

DMZ describes a part of a network that is outside the firewall.

A DMZ is set up, as it were, between a network you want to protect (e.g., a LAN) and a non-secure network (e.g., the Internet). A DMZ permits unrestricted access from the Internet to only one or a few network components, while the other network components remain secure behind the firewall.

DNS

Domain Name System

Hierarchical system that permits the assignment of **IP addresses** to **Domain names** that are easier to memorise. This assignment has to be managed by a local DNS server in each (W)LAN. The local DNS server determines the IP address, if necessary by enquiring

about superordinate DNS servers and other local DNS servers on the Internet.

You can specify the IP address of the primary/secondary DNS server.

See also: **DynDNS**.

Domain name

Name of one (or several) Web server(s) on the Internet. The domain name is assigned to the relevant IP address by DNS.

DSL

Digital Subscriber Line

Data transfer technology that allows Internet access with e.g., **1.5 Mbps** over a conventional telephone line. Prerequisites: DSL modem and the appropriate service offered by the Internet provider.

DSLAM

Digital Subscriber Line Access Multiplexer

The DSLAM is a switch cabinet in an exchange at which all subscriber connectors converge.

DTMF

Dual Tone Multi-Frequency

Another description for dual tone multi-frequency dialling (DTMF).

Dynamic IP address

A dynamic IP address is assigned to a network component automatically via **DHCP**. The dynamic IP address for a network component can change every time it registers or at certain time intervals.

See also: **Fixed IP address**

DynDNS

Dynamic DNS

Domain names and IP addresses are assigned via **DNS**. For **Dynamic IP addresses** this service is enhanced with "Dynamic DNS". This permits the use of a network component with a dynamic IP address as a **Server** on the **Internet**. DynDNS ensures that a service can always be addressed on the Internet under the same **Domain names** regardless of the current IP address.

Glossary

E

ECT

Explicit Call Transfer

Participant A calls participant B. The participant puts the connection on hold and calls participant C. Rather than connect everyone in a three-party conference, A now transfers participant B to C and hangs up.

EEPROM

Electrically Erasable Programmable Read Only Memory

Memory building block in your phone with fixed data (e.g., default and customised settings) and data saved automatically (e.g., call list entries).

Ethernet network

Wired **LAN**.

F

Firewall

You can use a firewall to protect your network against unauthorised external access. This involves combining various measures and technologies (hard and/or software) to control the flow of data between a private network you wish to protect and an unprotected network (e.g., the Internet).

See also: **NAT**.

Firmware

Device software in which basic information is saved for the functioning of a device. To correct errors or update the device software, a new version of the firmware can be loaded into the device's memory (firmware update).

Fixed IP address

A fixed IP address is assigned to a network component manually during network configuration. Unlike a **Dynamic IP address**, a fixed IP address does not change.

Flat rate

Billing system for an **Internet** connection. The Internet provider charges a set monthly fee. There are no additional charges for the duration of the connection or number of connections.

Full duplex

Data transmission is a mode in which data can be sent and received at the same time.

G

G.711 a law, G.711 μ law

Standard for a **Codec**.

G.711 delivers a very good voice quality that corresponds to that in the ISDN fixed line. As there is little compression, the necessary bandwidth is around 64 kbit/s per voice connection, but the delay caused by coding/decoding is only approx. 0.125 ms.

"a law" describes the European standard and " μ law" describes the North American/Japanese equivalent.

G.722

Standard for a **Codec**.

G.722 is a **broadband** language codec with a bandwidth of 50 Hz to 7 kHz, a net transmission rate of 64 kbit/s per voice connection and integrated speech pause recognition and comfort noise generation (silence suppression).

G.722 delivers very good voice quality. A higher sampling rate provides clearer and better voice quality than other codecs and enables a speech tone in High Definition Sound Performance (HDSP).

G.726

Standard for a **Codec**.

G.726 delivers a good voice quality. It is inferior to the quality with codec **G.711** but better than with **G.729**.

G.729A/B

Standard for a **Codec**.

The voice quality is more likely to be lower with G.729A/B. As a result of the high level of compression, the necessary bandwidth is only around 8 kbit/s per voice connection, but the delay is around 15 ms.

Gateway

Connects two different **Networks** e.g., a router as an Internet gateway.

Global IP address

See **IP address**.

GSM

Global System for Mobile Communication

Originally, a European standard for mobile networks. GSM can now be described as a worldwide standard. However, national standards in the USA and Japan had been more frequently supported up until now.

H**Headset**

Combination of microphone and headphone. A headset makes using handsfree mode more convenient. There are headsets available that can be connected to the handset by a cable.

HTTP proxy

Server via which the **Network subscribers** can process their Internet traffic.

I**IEEE**

Institute of Electrical and Electronics Engineers
International body that defines standards in electronics and electrical engineering, concerned in particular with the standardisation of LAN technology, transmission protocols, data transfer rate and wiring.

Infrastructure network

Network with central structure: All **Network subscribers** communicate via a central **Router**.

Internet

Global **WAN**. A series of protocols have been defined for exchanging data, known by the name TCP/IP.

All **Network subscriber** are identifiable via their **IP address**. **DNS** assigns a **Domain name** to the **IP address**.

Important services on the Internet include the World Wide Web (WWW), e-mail, file transfer and discussion forums.

Internet Service Provider

Enables access to the Internet for a fee.

IP (Internet Protocol)

TCP/IP protocol on the **Internet**. IP is responsible for addressing parties in a **Network** using **IP addresses** and routes data from the sender to the recipient. IP determines the paths (routing) along which the data packets travel.

IP address

A unique address for a network component within a network based on the TCP/IP protocols (e.g., LAN, Internet). On the **Internet**, domain names are usually assigned instead of IP addresses. **DNS** assigns the corresponding IP address to the domain name.

The IP address has four parts (decimal numbers between 0 and 255) separated by full stops (e.g., 230.94.233.2).

The IP address is made up of the network number and the number of the **Network subscriber** (e.g., phone). Depending on the **Subnet mask**, the first one, two or three parts make up the network number and the rest of the IP address addresses the network component. The network number of all the components in any one network must be identical.

IP addresses can be assigned automatically with DHCP (dynamic IP addresses) or manually (static IP addresses).

See also: **DHCP**.

IP pool range

Range of IP addresses that the DHCP server can use to assign dynamic IP addresses.

Glossary

L

LAN

Local Area Network

Network with a restricted physical range. A LAN can be wireless (WLAN) and/or wired.

Local IP address

The local or private IP address is the address for a network component in the local network (LAN). The network operator can assign any address he or she wants. Devices that act as a link from a local network to the Internet (gateway or router) have a public and a private IP address.

See also **IP address**.

M

MAC address

Media Access Control Address

Hardware address by means of which each network device (e.g., network card, switch, phone) can be uniquely identified worldwide. It consists of 6 parts (hexadecimal numbers) separated by a "-" (e.g., 00-90-65-44-00-3A).

The MAC address is assigned by the manufacturer and cannot be changed.

Mbps

Million bits per second

Unit of the transmission speed in a network.

MSN

Multiple Subscriber Number

You can request up to 10 different telephone numbers for the ISDN multiple connection. An MSN is one of the phone numbers assigned to you without a local area code.

Your telephone uses the MSN in line with your requirements, as a receive connection and/or send connection.

Music on hold

Music that is played while you are on a **Consultation call** or during a **Call swap**.

The waiting participant hears music while on hold.

N

NAT

Network Address Translation

Method for converting (private) **IP addresses** to one or more (public) IP addresses. NAT enables the IP addresses of **Network subscribers** (e.g., your telephone) in a **LAN** to be concealed behind a shared IP address for the **Routers** on the **Internet**.

Network

Group of devices. Devices can be connected in either wired or wireless mode.

Networks can also differ in range and structure:

- Range: Local networks (**LAN**) or wide-area networks (**WAN**)
- Structure: **Infrastructure network** or ad-hoc network

Network subscriber

Devices and PCs that are connected to each other in a network e.g., servers, PCs and phones.

P

Paging (handset search)

Desktop phone function for locating the registered handsets. The desktop phone establishes a connection to every registered handset. The handsets start to ring.

PIN

Personal Identification Number

Protects against unauthorised use. When the PIN is activated, a number combination has to be entered to access a protected area.

You can protect your desktop phone configuration data with a system PIN (4-digit number combination).

Port

Data is exchanged between two applications in a **Network** via a port.

Port forwarding

The Internet gateway (e.g., your router) forwards data packets from the **Internet** that are directed to a certain **Port** to the port concerned. This allows servers in the **LAN** to offer services on the Internet without you needing a public IP address.

Port number

Indicates a specific application of **Network subscribers**. Depending on the setting in the **LAN**, the port number is permanently assigned or else it is newly assigned with each access.

The combination of **IP address/Port** number uniquely identifies the recipient or sender of a data packet within a network.

Pre-dialling

See **Block dialling**.

Private IP address

See **Public IP address**.

Protocol

Describes the agreements for communicating within a **Network**. It contains rules for opening, administering and closing a connection, about data formats, time frames and possible error handling.

Public IP address

The public IP address is the address for a network component on the Internet. It is assigned by the Internet Service Provider. Devices that act as a link from a local network to the Internet (gateway, router) have a public and a local IP address.

See also: **IP address, NAT**

R**RAM**

Random Access Memory

Memory in which you have reading and storage rights. Items such as melodies and screen pictures are saved in the RAM after you have loaded them onto the phone via the Web configurator.

ROM

Read Only Memory

A type of memory that can only be read.

Router

Routes data packets within a network and between different networks via the quickest route. Can connect **Ethernet networks** and WLAN. Can be a **Gateway** to the Internet.

Routing

Routing is the transfer of data packets to another subscriber in your network. On their way to the recipient, the data packets are sent from one router to the next until they reach their destination.

If data packets were not forwarded in this way, a network like the Internet would not be possible. Routing connects the individual networks to this global system.

A router is a part of this system; it transfers data packets both within a local network and from one network to the next. Transfer of data from one network to another is performed on the basis of a common protocol.

Ringback when the call is not answered

= CCNR (Completion of calls on no reply). If a participant does not reply when called, a caller can arrange an automatic ringback.

As soon as the destination phone has completed a call and is free again, the caller is called back. This feature must be supported by the exchange. The ringback request is automatically cancelled after about two hours (depending on the network provider).

Ringback when the number is busy

= CCBS (Completion of calls to busy subscriber). If a caller hears the busy tone, he or she can activate the ringback function.

As soon as the connection is free, the caller is called back. As soon as the caller lifts the receiver, the connection is made automatically.

Glossary

S

Server

Provides a service to other **Network subscribers (Clients)**. The term can indicate a computer/PC or an application. A server is addressed via **IP address/Domain names** and **Port**.

Static IP address

See **Fixed IP address**.

Subnet

Segment of a **Network**.

Subnet mask

IP addresses consist of a fixed line network number and a variable subscriber number. The network number is identical for all **Network subscribers**. The size of the network number part is determined in the subnet mask. In the subnet mask 255.255.255.0, for example, the first three parts of the IP address are the network number and the last part the subscriber number.

Symmetric NAT

A symmetric NAT assigns different external IP addresses and port numbers to the same internal IP addresses and port numbers – depending on the external target address.

T

TCP

Transmission Control Protocol

Transport protocol. Session-based transmission protocol: It sets up, monitors and terminates a connection between sender and recipient for transporting data.

TLS

Transport Layer Security

Protocol for encrypting data transmissions on the Internet. TLS is a superordinated **Transport protocol**.

Transmission rate

Speed at which data is transmitted in the **WAN** or **LAN**. The transmission rate is measured in data units per unit of time (Mbit/s).

Transport protocol

Controls data transport between two communication partners (applications).

See also: **UDP, TCP, TLS**.

U

UDP

User Datagram Protocol

Transport protocol. Unlike **TCP, UDP** is a non session-based protocol. UDP does not establish a fixed connection. The data packets ("datagrams") are sent as a broadcast. The recipient is solely responsible for making sure the data is received. The sender is not notified about whether it is received or not.

URL

Universal Resource Locator

Globally unique address of a domain on the **Internet**.

URLs identify a resource by its location on the **Internet**. For historical reasons the term is often used as a synonym for URI.

User identification

User ID

Name/number combination for access e.g., to your private address directory on the Internet.

V

Voice codec

See **Codec**.

W

WAN

Wide Area Network

Wide-area network that is unrestricted in terms of area (e.g., **Internet**).

Accessories

Handsets

Upgrade your telephone to a cordless PABX:

Gigaset SL400 handset

- ◆ Genuine metal frame and keypad
- ◆ High-quality keypad illumination
- ◆ 1.8" TFT colour display
- ◆ Bluetooth® and mini USB
- ◆ Directory for up to 500 vCards
- ◆ Talk/standby time of up to 14h/230h
- ◆ Large font for call lists and directory
- ◆ Brilliant sound quality in handsfree mode:
4 handsfree settings
- ◆ Caller pictures, slideshow and screensaver
(analogue and digital clock)
- ◆ Silent alert, download ringer melodies
- ◆ ECO DECT
- ◆ Calendar with appointment scheduler
- ◆ Night mode with time-controlled ringer deactivation
- ◆ No interruptions from anonymous calls
- ◆ Room monitor
- ◆ SMS with up to 640 characters



Aton CL315/CLT315 handset with charging cradle

- ◆ Illuminated graphic colour display (65k colours)
- ◆ Illuminated keypad
- ◆ Handsfree mode
- ◆ Polyphonic ringer melodies
- ◆ Address book for approx. 500 entries
- ◆ Caller picture
- ◆ SMS (prerequisite: CLIP must be enabled)
- ◆ PC interface e.g., for managing address book entries,
ringers and screensavers
- ◆ Bluetooth
- ◆ Headset socket
- ◆ Room monitor



Accessories

Gigaset C59H handset white

- ◆ Social life management with room monitor and birthday reminders
- ◆ Individual programming of ringers with 6 VIP-groups
- ◆ High-quality keypad with illumination
- ◆ 1.8" TFT colour display
- ◆ Directory for up to 150 vCards
- ◆ Talk/standby time of up to 12h/180h, standard batteries
- ◆ Large font for call lists and directory
- ◆ Brilliant sound quality in handsfree mode
- ◆ Screensaver (digital clock)
- ◆ ECO DECT
- ◆ Alarm clock
- ◆ No interruptions from anonymous calls
- ◆ SMS with up to 640 characters



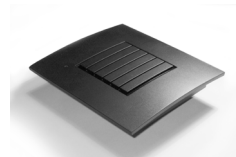
Gigaset SL78H handset

- ◆ Illuminated graphic colour display (256k colours)
- ◆ Illuminated keypad
- ◆ Handsfree mode
- ◆ Polyphonic ringer melodies
- ◆ Directory for approx. 500 entries
- ◆ Caller picture
- ◆ SMS (prerequisite: CLIP must be enabled)
- ◆ PC interface e.g., for managing directory entries, ringers and screensavers
- ◆ Bluetooth
- ◆ Room monitor



RTX 4002 Repeater

The repeater can be used to increase the reception range from your handset to the base station.



All accessories and batteries are available from your phone retailer or on the following website:
www.swisscom.ch/onlineshop.

Only use original accessories. This will avoid possible health risks and damage to property, and also ensure that all the relevant regulations are complied with.

Index

A

Access code	99
for a PABX	99
Access protection	93
Accessories	125
Acknowledge tones	91
Activating	
advisory tones	91
answering machine	67
answering machine (remote operation)	72
appointment	76
call divert	37
FAX port	98
network mailbox	73
two-way record	70
withholding phone numbers	37
Alarm clock	78
Alert tone	91
Anniversary	49
deactivating	50
missed	78
saving in directory	49
Announcement (answering machine) ...	68
Answer only mode (answering machine)	66
Answering machine	66
activating/deactivating	67
define for quick dial	73
deleting messages	70
list	43, 44
playing back messages	68
recording a personal announcement/ advisory message	67
remote operation	72
scrolling back	69
scrolling forward	69
Appointment	76
Appointment/anniversary displaying missed	78
Appointments	
activating/deactivating	77
deleting	77
managing	77
Approval	104

Area code

setting own area code	94
Assigning a key	87
Assigning a number key	87
Assigning function keys	87
Authentication	118
Automatic redial	42

B

Birthday, see Anniversary	
Block dialling	118
Bluetooth	
accepting a call	34
activating	83
changing device name	85
deregistering devices	85
list of known devices	84
registering devices	83
setting own area code	94
transferring directory (vCard)	48
Brightness	
display backlight	89
Broadband Internet access	118
Broadband voice codec	120
Browser, operating	64
Busy on Busy	38

C

Calendar	76
Call	
accepting	34
accepting (Bluetooth)	34
ending	33
internal	80
picking up from answering machine	70
transferring	41, 99
transferring (connecting)	80, 82
two-way record	70
Call charges	55
Call divert	37, 118
Call duration	33, 55
Call lists	43
Call screening during recording	71
Call swap	40, 118
Call waiting	118
accepting/rejecting	39
activating/deactivating	38
external call	38

Index

internal call 81
Caller picture 35, 46, 92
Calling
 from classified directory 52
 from online directory 52
 internal 80
 unknown 37
Calling Line Identification 34
Capacity
 directory 48
 resource directory 92
Caring for your telephone 104
CD 118
Changing
 device name (Bluetooth) 85
 display language 88
 earpiece volume 89
 handsfree volume 89
 internal names 82
 internal numbers 82
 names of internal parties 82
 ringer 89
 system PIN 93
Character set 57, 59, 106
Charge rates, see Call charges
Checking service information 104
Classified directory 50
CLI, CLIP 34
Client 118
CNIP 34
Codecs 118
COLP 118
COLR 118
Conference 40
 internal 81
Confirmation tone 91
Connected Line Identification
 Presentation/Restriction 118
Connecting the desktop phone
 to PABX 99
Consultation call 40, 119
 internal 81
Consumption of electricity, see
 Power consumption
Control key 24
Correcting incorrect entries 25
Customer Care 101
Customer service 101
CW 118

D

Deactivating
 advisory tones 91
 answering machine 67
 appointment 76
 call divert 37
 FAX port 98
 network mailbox 73
 two-way record 70
 withholding phone numbers 37
DECT interface
 activating/deactivating 97
Delete key 25
Deleting
 announcement for answering
 machine 68
 characters 25
 message 70
 MSN 95
Demilitarised Zone 119
Deregistering
 devices (Bluetooth) 85
 handset 80
Desktop phone
 connecting to PABX 99
 connecting with router 14
 in restoring to default settings 98
 power consumption 105
 setting up 9, 10, 93
 system PIN 93
 updating firmware 96
DHCP 119
Dialling
 directory 47
Digital Subscriber Line 119
Digital Subscriber Line
 Access Multiplexer 119
Directory 45
 copying number from text 49
 managing entries 47
 opening 24, 50
 order of entries 46
 saving anniversary 49
 saving entry 45
 saving the sender's number (SMS) 59
 searching for an entry 51
 sending entry/list to handset 48
 transferring a vCard (Bluetooth) 48
 using to enter numbers 49

- Display
 - backlight 89
 - call duration/costs 55
 - capacity (directory) 48
 - capacity (resource directory) 92
 - changing display language 88
 - name (CNIP) 34
 - number (CLI/CLIP) 34
 - screensaver 88
 - setting 88
- Display backlight
 - brightness 89
 - time control 89
- Display keys 25
 - assigning 87
- Displaying
 - missed appointments/anniversaries .. 78
- DMZ 119
- DNS 119
- DNS server, preferred 95
- Domain name 119
- Domain Name System 119
- Draft list (SMS) 57
- DSL 119
- DSLAM 119
- Duration of a call 55
- Dynamic DNS 119
- Dynamic Host Configuration
 - Protocol 119
- Dynamic IP address 119
- DynDNS 119
- E**
- Earpiece volume 89
- ECO DECT 75
- Eco mode 75
- Eco mode+ 75
- ECT 41, 99
 - activating/deactivating 38
- E-mail address 58
 - copying from the directory 49
- Ending
 - call 33
- Entry
 - select from directory 46
- Error tone 91
- Ethernet network 120
- Explicit Call Transfer 120
- External call
 - call waiting 38
 - divert to ans. mach. 70
- F**
- Fax (SMS) 58
- Fax machine
 - connecting 86
- FAX port
 - connecting fax 86
- Firewall 120
- Firmware 120
 - automatic update 97
 - checking version 104
 - starting update 96
 - updates 9
- Fixed IP address 120
- Fixed line network
 - cancelling ringback 41
- Flat rate 120
- Full duplex 120
- G**
- Gateway 120
- Global IP address 121
- Global System for
 - Mobile Communication 121
- GNU General Public Licence 107
- GNU General Public License (GPL) 108
- GNU Lesser General Public License 107
- GNU Lesser General Public License
 - (LGPL) 112
- GPL 107
- Group call 80
- GSM 121
- H**
- Handset
 - changing internal number 82
 - changing names 82
 - deregistering 79, 80
 - list 24
 - locating 80
 - registering 79
- Handsfree mode 35
- Handsfree volume 89
- Headset 121
- HTTP proxy 121

Index

I	
Icon	
alarm clock	78
answering machine	66, 67, 71
display	25
for new messages	44
new message	68
new SMS	58
ringer	91
Identify caller (ISDN)	41
Identifying the caller (ISDN)	34, 41
Idle status	26
returning to	26
Idle status (display)	26
IEEE	121
Incoming list (SMS)	58
Incorrect entries (correction)	25
Info centre	63
Infrastructure network	121
Installation wizard	15
Institute of Electrical and Electronics Engineers	121
Internal	
conference	81
consultation	81
making calls	80
Internal call	80
call waiting	81
Internet	121
Internet access (broadband)	118
Internet protocol	121
Internet Service Provider	121
IP	121
IP address	121
assigning	94
automatically obtaining one	94
dynamic	119
fixed	120
global	121
local	122
private	123
public	123
static	124
IP configuration	94
IP pool range	121
ISDN numbers, see MSN	
ISDN wizard	16
K	
Key 1 (quick dial)	
assigning	73
Keys	
control key	24
delete key	25
display keys	25
talk key	33
L	
LAN	122
Language	
display	88
LGPL	107
License	
GPL	108
LGPL	112
Linking, see SMS	
List	
answering machine	43, 44
call lists	43
handsets	24
known devices (Bluetooth)	84
missed calls	43
network mailbox	44
SMS draft list	57
SMS incoming list	58
SMS list	44
Local Area Network	122
Local IP address	122
Locating handsets	80
M	
MAC address	98, 122
checking (handset)	98
Making calls	
accepting a call	34
cost-effective calls	55
internal	80
Manual redial	42
Mbps	122
Media Access Control	122
Medical equipment	7
Menu	
end tone	91

- opening..... 24
- using 26
- Message key
 - open list..... 58
 - opening lists..... 44
- Messages..... 66
 - copying the number to
 - the directory 69
 - deleting..... 70
 - marking as "new" 69
 - new message icon 68
 - playing (network mailbox) 74
 - playing back..... 68
- Microphone, muting 36
- Million bits per second..... 122
- Missed
 - anniversary..... 78
 - appointment 78
- Missed call..... 43
- MSN 122
 - deleting..... 95
 - setting up 95
- Multiple Subscriber Number 122
- Music on hold..... 91, 122
- Muting
 - phone..... 36
- N**
- Name
 - displaying caller's name (CNIP) 34
 - of a handset 82
- NAT 122
 - symmetric 124
- Network..... 122
 - Ethernet..... 120
- Network Address Translation 122
- Network mailbox..... 73
 - activating/deactivating..... 73
 - calling 74
 - define for quick dial 73
 - entering number..... 73
- Network MB, see Network mailbox
- Network services..... 37
- Number
 - copying from an SMS..... 59
 - copying from directory 49
 - copying to directory..... 49
 - displaying caller's number (CLIP) 34
 - entering for network mailbox 73
 - entering with directory..... 49
 - saving in the directory..... 45
- O**
- Online directory..... 50
- Operating remotely 72
- Operation (setting up the phone)..... 8
- Order in directory 46
- P**
- PABX
 - connecting desktop phone 99
 - saving access code..... 99
- Package contents 8
- Paging 80, 122
- PC interface 106
- Personal Identification Number 122
- Phone, setting up 8, 93
- Picture
 - caller..... 46, 92
 - deleting..... 92
 - renaming..... 92
- PIN..... 122
- Playing back
 - announcement (answering
 - machine)..... 68
 - message (answering machine) 68
- Port 122
- Port forwarding 123
- Port number 123
- Power adapter 7
- Power consumption 105
- Power consumption (desktop phone) .. 105
- Pre-dialling 123
- Preferred DNS server 95
- Private IP address 123
- Protecting the phone against access.... 93
- Protocol..... 123
- Prv..... 31
- Public IP address 123

Index

Q

Questions and answers	102
Quick dial	73

R

RAM	123
Random Access Memory	123
Read Only Memory	123
Receive number	
display on the handset	35
Receiving notifications via SMS	60
Reception booster, see Repeater	
Recording	
quality	71
time	71
two-way record	70
Redial	42
Registering	
devices (Bluetooth)	83
handset	79
Reminder call	50
Repeater	97
Resource directory	92
Ring delay	71
Ringback	
busy	123
cancelling (fixed line network)	41
initiating (fixed line network)	39
no reply	123
setting up when MSN busy	38
Ringer	
changing	89
setting volume	89
time control	90
ROM	123
Router	123
connecting desktop phone	14
Routing	123
S	
Saving (access code)	99
Scope of delivery	8
Screensaver	88
Searching in directory	46
Sending directory entry to handset	48
Server	124

Setting

date	31, 93
screensaver	88
time	31, 93
Setting up	
busy signal	38
desktop phone	9, 10
Signal tone, see Advisory tones	
SMS	56
active send service centre	60
deleting	57, 59
draft list	57
forwarding	59
incoming list	58
linked	56
list	44
notification via SMS	60
reading	57, 59
receiving	58
replying to or forwarding	59
saving number	59
self help with error messages	62
sending as a fax	58
sending to an e-mail address	58
status report	57
troubleshooting	62
vCard	60
writing	56, 105
SMS service centre	
changing number	61
setting	60
Snooze mode	78
Sound, see Ringer	
Specifications	105
Speed dial	45
Static IP address	124
Structure of IP address	121
Subnet	124
Subnet mask	124
defining	94
Symmetric NAT	124
System	
setting up	93
System settings	
saving	93

T

Talk key	33
TCP	124
Text message, see SMS	
Three-party conference.....	40
Time control	
display backlight.....	89
ringer.....	90
TLS.....	124
Transferring a call	41
Transmission Control Protocol.....	124
Transmission rate	124
Transport Layer Security	124
Transport protocol	124
Troubleshooting	102
Troubleshooting (SMS)	62

U

UDP.....	124
Universal Resource Locator	124
Unknown.....	35
Unknown call	37
Unknown caller	35
URL	124
User Datagram Protocol	124
User ID	124
User identification.....	124

V

vCard (SMS).....	60
VIP (directory entry)	46
Volume	
earpiece.....	89
earpiece/handsfree	89
handsfree	89
ringer.....	89
setting	90

W

WAN	124
Warning tone, see Advisory tones	
Weather forecasts	
in idle display mode.....	65
Wide Area Network.....	124
Withholding phone number	37
Writing (SMS)	56
Writing and editing text	105

