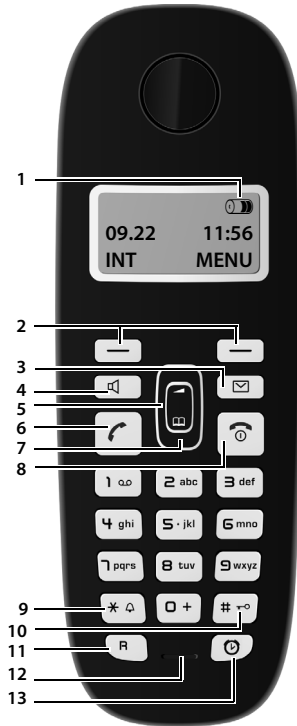


Gigaset A680

Handset

- 1 Charge status of the batteries
- 2 Display keys
- 3 Message key
Flashes: new messages received
- 4 Handsfree key
- 5 Control key (⏏)
- 6 Talk key
- 7 Directory key
(press down on the control key)
- 8 End call key and On/Off key
- 9 Ringer tone on/off (press and hold in idle status)
- 10 Keypad lock on/off (press and hold)
- 11 Recall key
- Consultation call (flash)
- Dialling pause (press and hold)
- 12 Microphone
- 13 Alarm clock key



Base station

Registration/Paging key (page 9)



Display keys:

Pressing a key launches the function that appears above that key in the display.

Display	Function when pressed
INT	Call other registered handsets page 9.
MENU	Open main/submenu (see Menu tree page 13).
⏪	Go back one menu level.
⬆	Scroll up/down or adjust volume with ⏏.
⏪	Move cursor to left/right with ⏏.
⏩	Backspace deletes one character at a time.
OK	Confirm menu function or save entry.

Where to find it all

First steps → page 3

Making calls → page 7

Using the directory and lists → page 7

Registering handsets → page 9

Using several handsets → page 9

Setting the alarm clock → page 10

Phone settings → page 10

Operating the base station on the PABX → page 10

Menu tree → page 13

Safety precautions

Read this user guide and the safety precautions carefully before use. Explain their contents and the potential hazards associated with using the telephone to your children.



Only use **the mains unit supplied**.



Fit only the **recommended, rechargeable batteries** (→ page 11), i.e. never use a conventional (non-rechargeable) battery or other battery types as this could result in significant health risks and personal injury.



The operation of medical appliances may be affected. Be aware of the technical conditions in your particular environment, e.g. doctor's surgery.



Do not hold the rear of the handset to your ear when it is ringing. Otherwise you risk serious and permanent damage to your hearing. The handset may cause an unpleasant humming noise in hearing aids.



Do not install the phone in a bathroom or shower room. The handset and base station are not splashproof.



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



If you give your Gigaset to someone else, make sure you also give them the user guide.



Please remove faulty base stations from use or have them repaired by our service, as they could interfere with other wireless services.



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.
All electrical and electronic equipment must be disposed of separately from general household waste using the sites designated by local authorities.
If a product displays this symbol of a crossed-out rubbish bin, the product is subject to European Directive 2002/96/EC.
The appropriate disposal and separate collection of used equipment serve to prevent potential harm to the environment and to health. They are a precondition for the re-use and recycling of used electrical and electronic equipment.
For further information on disposing of your used equipment, please contact your local authority or your refuse collection service.

Emergency numbers cannot be dialled if the keypad lock (→ page 1) is activated!

Not all of the functions described in this user guide are available in all countries.

Care

Wipe down the base station and handset with a **damp** cloth (no solvents) or an antistatic cloth. **Never** use a dry cloth. This can cause static.

Contact with liquid

If the handset should come into contact with liquid:

- ◆ **Switch the handset off and remove the batteries immediately.**
- ◆ Allow the liquid to drain from the handset.
- ◆ Pat all parts dry, then with the battery compartment open and the keypad facing down place the handset in a dry, warm place **for at least 72 hours** (not in a microwave, oven etc.).
- ◆ **Do not switch on the handset again until it is completely dry.**

When it has fully dried out, you will normally be able to use it again.

ECO WDCT

You are helping to protect the environment with your Gigaset A680.

Reduced energy consumption

Your telephone has an energy-saving adapter plug and uses less energy.

Reduced transmission power

The transmission power of your telephone is reduced **automatically**:

- ◆ The transmission power **on the base station** is reduced to virtually zero when only one handset is registered and the handset is in the base station.

First steps

Check the pack contents

- ◆ One Gigaset A680 base station,
- ◆ one mains adapter,
- ◆ one Gigaset A68H handset,
- ◆ one phone cord,
- ◆ two batteries,
- ◆ one battery cover,
- ◆ one user guide.

If you have purchased a **model with multiple handsets**, the package should contain two batteries, a battery cover and a charging cradle with mains adapter for each additional handset.

Setting up the base station and charging cradle (if included)

The base station and charging cradle are designed for use in enclosed dry rooms with a temperature range of +5 °C to +45 °C.

- ▶ Set up the base station at a central location on a flat, non-slip surface in your house or apartment.

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.

Please note:

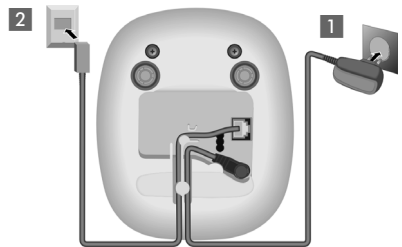
- ◆ Never expose the telephone to the influence of heat sources, direct sunlight or other electrical devices.
- ◆ Protect your Gigaset from moisture, dust, corrosive liquids and vapours.

Connecting the base station

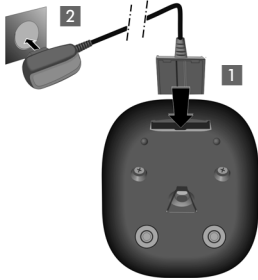
- ▶ First connect the mains adapter **1**.
- ▶ Then connect the telephone jack **2** and insert the cables into the cable ducts.

Please note:

- ◆ The mains adapter must **always be connected**, as the phone will not operate without mains connection.
- ◆ Only use the mains adapter and phone cord **supplied**. Pin connections on telephone cables can vary.

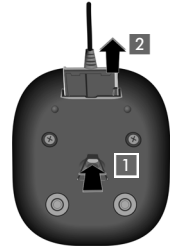


Connecting the charging cradle (if included)

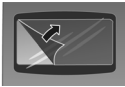


- ▶ Connect the flat plug from the power supply **1**.
- ▶ Plug the mains adapter into the plug socket **2**.

If you need to disconnect the plug from the charging cradle, press the release button **1** and disconnect the plug **2**.



Setting up the handset for use



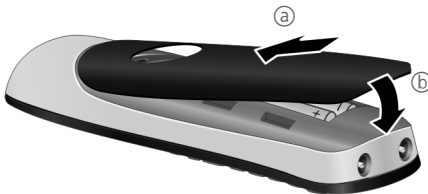
The display is protected by a plastic film.
Please remove the protective film!

Inserting the batteries and closing the battery cover

Warning

Use only the rechargeable batteries recommended by Gigaset Communications GmbH (→ page 11). Never use a conventional (non-rechargeable) battery or other battery types as this could result in significant health risks and personal injury. For example, the batteries could explode. The phone could also malfunction or be damaged as a result of using batteries that are not of the recommended type.

- ▶ Insert the batteries the right way round.
The polarity is indicated in/on the battery compartment.

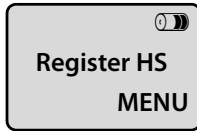


- ▶ First insert the battery cover at the top **a**.
- ▶ Then press the cover **b** until it clicks into place.

If you need to open the battery cover, for instance to replace the batteries, place your fingertip in the cavity on the casing and pull the battery cover upwards.

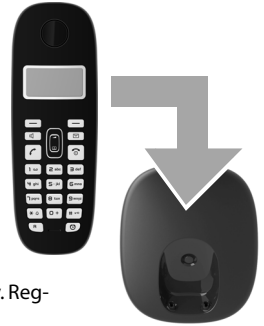


Placing the handset in the base station and registering

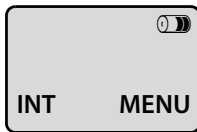


Before you can use the phone, you must first register the handset to the base station.

- ▶ Place the handset with the **display facing up** in the base station.



The handset registers automatically. Registration can take **up to 5 minutes**. **Do not remove the handset from the base station during this time.**



After successful registration, the idle screen is displayed.

Charge status of the batteries:

- (flat to full)
- flashes: batteries almost flat
- flashes: charging

If you have purchased a **model with multiple handsets**, repeat the registration process for **each individual handset**. Handsets are assigned the lowest available internal number (1-4). If more than one handset is registered to the base station, the internal handset number appears in the top left of the display, e.g. 2. If the internal numbers 1-4 are already assigned to other devices, the number 4 will be overwritten.

Please note

- ◆ Each key press interrupts the automatic registration.
- ◆ If automatic registration does not work, the handset will have to be registered manually (→ page 9).
- ◆ Only place the handset in the base station or charging cradle that is intended for it.

Initial charging and discharging of the batteries

The correct charge level can only be displayed if the batteries are first fully charged **and** discharged.



- ▶ Place the handset in the base station or charging cradle for **eight hours**.
- ▶ Then remove the handset from the base station or charging cradle and do not replace it until the batteries are completely discharged.


Please note


- ◆ After the first battery charge **and** discharge you may replace your handset in the base station or charging cradle after every call.
- ◆ Always repeat the charging and discharging procedure if you remove the batteries from the handset and reinsert them.
- ◆ The batteries may warm up during charging. This is not dangerous.
- ◆ After a while, the charge capacity of the batteries will decrease for technical reasons.


Setting the date and time

Set the date and time so that the correct date and time can be assigned to incoming calls, and so that the alarm can be used.

MENU → Settings → OK → Date/Time → OK

→ **Date:** →  (enter the day, month and year in 6-digit format) → OK

→ **Time:** →  (enter hours and minutes in 4-digit format) → OK (display message: Saved)

→  (press and hold to return to idle status)


Please note

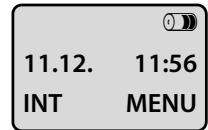
When entering the time and date, you can move the position of an entry to the left or right by pressing the control button up or down.

Display in idle status

Once the phone is registered and the time set, the idle display is shown as in this example.

Activating/deactivating the handset

Press and hold the  key to activate or deactivate the handset. If you place a deactivated handset in the base station or charging cradle, it will automatically activate.

**Your phone is now ready for use.**

If you have any questions about using your phone, please read the tips on troubleshooting ("Questions and answers" → page 12) or contact our Customer Care team page 13.

Making calls

Making external calls and ending calls

External calls are calls using the public telephone network.

(Enter the phone number) → .

The phone number is dialed. (Or you can **first** press and **hold** [dial tone] and then enter the number.) During the call you can adjust the earpiece volume using and set the volume with .

End the call/cancel dialling:

Press the end call key .

You can automatically insert a network provider dialling code before any phone number (see Menu tree "Preselection" → page 13).

Accepting a call

The handset indicates an incoming call by ringing and by a display on the screen.

Press the talk key to accept the call.

When **Auto Answer** is activated (see Menu tree → page 13), simply remove the handset from the base station/charging cradle.

In idle status, use to activate the menu for setting the call volume and use to set the volume.

Calling Line Identification

When you get a call, the caller's number will be displayed on your handset; the caller's name will be displayed if it is stored in the directory.

Preconditions:

- 1 You have asked your network provider for the caller's number (CLIP) to be displayed on your handset screen.
- 2 The caller has asked the network provider for his number to be identified (CLI).

«» appears in the display if you have not requested Calling Line Identification, **Withheld** appears if the caller has withheld CLI, and **Unavailable** appears if CLI has not been requested.

Handsfree

Activating while dialling:

Enter the number and press the handsfree key .

Switching between earpiece and handsfree mode:

During a call and press the handsfree key to activate or deactivate handsfree talking.

During a call, use to activate the menu for setting the handsfree volume and use to set the volume.

Using the directory and lists

Directory

To open the directory: press .

You can save up to 50 phone numbers (max. 32 digits) with corresponding names (max. 14 characters).

Enter letters/characters → page 11.

Saving the first number in the directory

→ New Entry? → OK

→ (enter number) → OK

→ (enter number) → OK

Storing a number in the directory

→ MENU → New Entry → OK

→ (enter number) → OK

→ (enter number) → OK

Selecting a directory entry

Open the directory with . You have the following options:

- ◆ Use to scroll through the entries until the required name is selected.
- ◆ Enter the first character of the name and scroll to the entry with , if required.

Dialling with the directory

→ (select entry) →

Using other functions

→ (select entry) → MENU

The following functions can be selected with :

New Entry	Save new phone number.
Show Number	Display the phone number.
Use Number	Edit or add to the number. Then dial or use other functions with MENU .
Edit Entry	Edit selected entry.
Delete Entry	Delete selected entry.
Send Entry	Send a single entry to another handset (→ page 8).
Delete List	Delete all directory entries.
Send List	Send the complete list to another handset (→ page 8).
Shortcut	For shortcuts, assign the current entry to a key.

Setting the shortcut key

☐ → MENU → Scroll to Shortcut → Scroll to select a number (0,2-9), for example: **Shortcut: 2** → OK

Using shortcut keys

To dial, press and hold the required shortcut key.

Sending the directory to another handset

Preconditions:

- ◆ The sending and receiving handsets must both be registered to the same base station.
- ◆ The other handset and the base station can send and receive directory entries.

☐ → (select entry) → MENU → Send Entry / Send List → OK → (enter the internal number of the receiving handset) → OK

Last number redial list

This list contains the ten last dialled numbers.

Dialling from the last number redial list

↶ (press briefly) → (select entry) → ↶

Managing entries in the last number redial list

↶ (press briefly) → (select entry) → MENU

You can select the following settings:

Use Number	Edit or add to the number. Then dial or use other functions with MENU.
Copy to Dir.	Copy an entry to the directory.
Delete Entry	Delete selected entry.
Delete List	Delete all entries.

Calls list/network mailbox list

An advisory tone sounds and the message key flashes as soon as a new entry appears in the calls list/answer machine list. A message appears in the display.

When you press the ☒ key, all the lists are displayed. If only one list contains new messages, this will be opened automatically.

Please note:

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

Calls list

Precondition: CLIP (→ page 7)

The call list contains all incoming calls.

The calls list is displayed as follows:

CallsList 01+02

Number of new entries + number of old, read entries

Open the calls list

☒ → CallsList 01+02 → OK

The last incoming call is displayed. If necessary, use to select another entry.

Using other functions

(select entry) → MENU

The following functions can be selected with :

Delete Entry	Delete current entry.
Copy to Dir.	Copy an entry to the directory.
Date/Time	Call date and time (if set).
Status	New Call: new missed call. Old Call: entry already read. Ans.: call taken.
Delete List	Warning! All old and new entries will be deleted.

Calling back a caller from the calls list

☒ → CallsList 01+02 → OK → (select entry) → ↶


Assigning key 1 for fast access to the network mailbox

Simply press and hold key **1** on the handset and you will be connected directly to the network mailbox. See Menu tree → page 13.

Locating a handset ("paging")

You can locate your handset using the base station.

- ◆ Briefly press the registration/paging key on the base station (→ page 1).
- ◆ All handsets will ring simultaneously ("paging"), even if the ringer tones are deactivated.

End paging: briefly press the register/paging key on the base station (→ page 1) or the talk key  on a handset.

Registering handsets

You can register up to four handsets on your base station (Gigaset A68H) recommended).

Please note:

Each additional handset must be registered on the base station in order for it to work properly!

For automatic registration of handsets to Gigaset A680, see → page 5.

Manual registration of handsets to Gigaset A680

1. **On the handset:** MENU → Settings → OK → Handset → OK → Register HS → Enter the system PIN of the base station (default is 0000) → OK.

Registering flashes in the display.

2. **On the base station:** within 60 sec. of entering the system PIN, press and hold the registration/paging key (→ page 1) (min. 3 sec.).

Registration takes approx. 1 minute.

De-registering handsets

Handsets can only be de-registered by resetting the base station to its default settings. **This will also reset every other setting** → page 10.


If you have **only** registered handsets for other GAP-compatible devices, these can only be de-registered with a **hardware reset** → page 10.

Using several handsets

Making internal calls




Internal calls are no-cost calls to other handsets that are registered to the same base.

Press the INT display key. All handsets are called.

When an internal participant answers you can speak to them. To end the call, press .

Internal consultation call/connecting a call

You are in conversation with an **external** participant. Press the INT key to call all handsets. The external participant hears the hold music.

- ◆ **Before** the internal participant has answered, press the end call key ; the call is diverted to the participant who answers the call.
- ◆ **After** the internal participant has answered, you can talk to him. Press the end call key ; the call is diverted, or press the display key ; you are reconnected to the external participant.

Listening in to an external call

You are conducting an external call. An internal participant can listen in on this call and take part in the conversation (conference).


Precondition: The Listening in function must be activated.


Activating/deactivating listening in


MENU → Settings → OK → Base → OK → Listening in → OK (✓ = on)

Internal listening in (conference)

You want to listen in to an existing external call.

Briefly press and **hold** the  key. You can listen in to the call. All participants hear a signal tone.

To end: press the end call key . All participants hear a signal tone.


If the **first** internal participant presses the end call key , the handset that has "listened in" remains connected to the external participant.

Setting the alarm clock

Activating/deactivating the alarm clock


MENU → Alarm Clock → OK → Activation
→ OK (✓ = on)

or:

press the alarm clock key 

When activated:

→ Set the wake-up time → OK

When the alarm clock rings, press any key to switch it off for 24 hours. If the alarm clock is set, the wake-up icon  will appear on the screen and the wake-up time will be displayed instead of the date.

Setting the wake-up time

MENU → Alarm Clock → OK → Wake-up time
→ OK

Enter the wake-up time in hours and minutes, then press OK.

Phone settings


For details on how to make audio settings, see Menu tree → page 13.

For details on how to set the system PIN on the base station, see the Menu tree → page 13.

Resetting the handset

You can reset individual settings and changes that you have made. Entries in the directory, the calls list and the handset's registration to the base station will be retained.

MENU → Settings → OK → Handset → OK
→ Reset Handset → OK

Cancel the reset with .

Restoring the base station to the factory settings

When restoring factory settings:

- ◆ All handsets are de-registered
 - ◆ Individual settings are reset
 - ◆ All lists are deleted
 - ◆ The system PIN is reset to the original code 0000
- Only the date and time are retained.

Software reset

MENU → Settings → OK → Base → OK
→ Base Reset → OK

Hardware reset

Disconnect the power cord from the base station. Hold down the registration/paging key (→ page 1) on the base station while reconnecting the power cable to the base station. Release the key after approximately 5 seconds.

Operating the base station on the PABX

The following settings are only necessary when your PABX requires them, see the user guide for your PABX. When entering the digits, enter them **slowly** one after the other.


Changing the dialling mode

MENU → 3 3 9 1 1 → The number for the set dialling mode flashes: 0 = touch tone dialling (DTMF); 1 = dial pulsing (DP) → enter number → OK.

Setting recall

MENU → 3 3 9 1 2 → The number for the current recall flashes: 0 = 80 ms; 1 = 100 ms; 2 = 120 ms; 3 = 400 ms; 4 = 250 ms; 5 = 300 ms; 6 = 600 ms; 7 = 800 ms → enter number → OK.

Changing pause after line seizure

You can set the length of the pause inserted between pressing the talk key  and sending the phone number.

MENU → 3 3 9 1 9 → The number for the current pause length flashes: 1 = 1 sec.; 2 = 3 sec.; 3 = 7 sec.
→ enter number → OK.

Changing the pause after the recall key

MENU → 3 3 9 1 4 → The number for the current pause length flashes: 1 = 800 ms; 2 = 1600 ms; 3 = 3200 ms → enter number → OK.

Appendix

Entering letters/characters

Press the relevant key the number of times indicated. Briefly press the hash key #^T to switch from "Abc" to "123" mode, from "123" to "abc" mode and from "abc" to "Abc" mode.

Standard characters

	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x	12x	13x	14x
1	☐ ¹⁾	1	£	\$	¥	¤								
2	a	b	c	2	ä	á	à	â	ã	ç				
3	d	e	f	3	ë	é	è	ê						
4	g	h	i	4	ï	í	ì	î						
5	j	k	l	5										
6	m	n	o	6	ö	ñ	ó	ò	ô	õ				
7	p	q	r	7	ß									
8	t	u	v	8	ü	ú	ù	û						
9	w	x	y	9	ÿ	ý	æ	ø	å					
0	.	,	?	!	0	+	-	:	;	'	"	'	;	_
* [△]	*	/	()	<	=	>	%						
# ^T	Abc 123	123 Abc	#	@	\	&	§							

1) Space

Specifications

Recommended batteries

Technology: Nickel-metal-hydride (NiMH)
 Size: AAA (Micro, HR03)
 Voltage: 1.2 V
 Capacity: 400–800 mAh

We recommend the following types of battery:

- ◆ GP 550/700 mAh
- ◆ Yuasa Phone 700/800 mAh
- ◆ Peacebay 550/650 mAh

(Valid at the time of going to press)

The handset is supplied with recommended batteries.

Base station power consumption

In standby mode	
– Handset in base station	approx. 1.3 W
– Handset outside base station	approx. 1.3 W
During a call	approx. 1.5 W

General specifications

WDCT standard	is supported
No. of channels	80 duplex channels
Radio frequency range	2400-2483.5 Mhz
Duplex method	Time multiplex, 10 ms frame length
Bit rate	576 kbit/s
Modulation	GFSK
Transmission power	25 mW, average power per channel
Base station power supply	230 V ~/50 Hz
Environmental conditions in operation	+5 °C to +45 °C; 20% to 75% humidity
Dialling mode	DTMF (touch tone dialling)/ DP (dial pulsing)

Service (Customer Care)

We offer you support that is fast and tailored to your specific needs!

Our Online Support on the Internet:
www.gigaset.com/customercare


For more information on aftersales service, please refer to your local warranty card.

In some countries repair and replace services are impossible where the products are not sold through our authorised dealers.

Questions and answers



If you have any queries about the use of your phone, you can contact us any time at www.gigaset.com/customercare.




The table below contains a list of common problems and possible solutions.

Problem	Cause	Solution
Nothing appears in the display.	The handset is not switched on. The batteries are flat.	Press the end call key  for approx. 5 seconds or place the handset in the base station. Charge or replace the batteries.
No wireless connection to the base station, Base flashes in the display.	The handset is outside the range of the base station. The handset is not registered. The base station is not turned on.	Move the handset closer to the base station. Register the handset → page 9. Check the mains connector on the base station → page 3.
You cannot hear a ringer/dialling tone from the fixed line network.	The phone cord supplied has not been used or has been replaced by a new cord with the wrong jack connections.	Please always use the phone cord supplied or ensure that the pin connections are correct when purchasing from a retailer: 3-4 assignment of telephone leads/EURO CTR37.
Error tone sounds after system PIN prompt. PIN forgotten.	The system PIN you have entered is incorrect.	Reset the system PIN to the default 0000 → page 10. All handsets are de-registered. All settings are reset. All lists are deleted.

Menu tree

Your phone has an extensive range of features. These are offered in the form of menus.

To select a function while the phone is in **idle status**, press **MENU** (open menu), use the  and  keys to scroll to the function you require and press **OK** to confirm.

To return to idle status: press and hold the  key. As an alternative to selecting functions using the  and  buttons, you can also enter the digit combination that is in front of the function in the menu tree. For setting the time and date, for example: **MENU → 3 1 → OK**

1 Alarm Clock

1-1	Activation	Activating/deactivating the alarm clock
1-2	Wake-up time	Input format: HHMM

2 Audio Settings

2-1	Ringer Volume	5 levels + "crescendo" available		
2-2	Ringer Melody	2-2-1	External Calls	10 ringer tones available for external calls
		2-2-2	Internal Calls	10 ringer tones available for internal calls
		2-2-3	Alarm Clock	10 ringer tones available for alarm clock
2-3	Advis. Tones	During a conversation		
2-4	Battery Low	2-4-1	Off	Warning tone to indicate battery is almost flat: never
		2-4-2	On	always
		2-4-3	During Call	only during a call

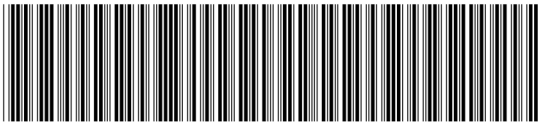
3 Settings

3-1	Date/Time	Enter date (DDMMYY format), then time (HHMM format)				
3-2	Handset	3-2-1	Language	Set the display language		
		3-2-2	Auto Answer	Automatically activate/deactivate auto answer → page 7		
		3-2-3	Register HS	Manually register the handset → page 9		
		3-2-4	Reset Handset	Reset the handset → page 10		
3-3	Base	3-3-1	System PIN	Change system PIN (default is 0000)		
		3-3-2	Base Reset	Restore factory settings → page 10		
		3-3-3	Listening in	Activate/deactivate the function → page 9		
		3-3-4	Preselection	3-3-4-1	Presel. Number	Network provider dialling code, should be inserted automatically before the dialled phone number.
				3-3-4-2	With Preselect	First digits of the dialling codes, should be dialled with preselection.
				3-3-4-3	Without Presel	First digits of dialling codes, should be dialled without preselection.

4 Voice Mail

4-1	Set Key 1 (all devices)	4-1-1	Netw. Mailbx	Assign key 1 with network mailbox and enter the network mailbox number (in idle status, press and hold key 1 to dial). Netw. Mailbx: your network provider's answer machine; must be requested separately. The network mailbox list can be displayed if your network provider supports this function and if key 1 has been assigned with the network mailbox.
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