



**SAGEM**

**D20T**

## User Guide



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## INTRODUCTION

Dear customer:

Thank you for purchasing a SAGEM DECT telephone; we appreciate your trust in us.

This product was manufactured with the utmost care, should you encounter any difficulties during its use, we recommend that you refer to this user guide. You can also find information on the following site:

<http://www.sagem.com/faq>

For your comfort and safety, we ask that you read the following paragraph carefully:

### Recommendations and safety instructions



Your DECT telephone must not be installed in a humid room (wash room, bathroom, laundry room, kitchen, etc.) unless it is 1.50 m away from a water point, or outside. Your telephone must be operated at temperatures ranging from 5°C to 45°C.



Only use the supplied power adapter, connect it to the base socket according to the installation instructions provided in this booklet and the indications on the identification label affixed to it (voltage, current, electric network frequency). As a precaution, in case of danger, the mains adapters act as a disconnecting mechanism for the 230V power supply. They should be placed near the device and should be easily accessible.



This telephone was designed for use on the public switched telephone network (PSTN). In case of a problem you must first contact your reseller. Only use the supplied telephone cord.



For your personal safety, never place your handset on the base without the batteries, or without the battery cover, you could get an electric shock.

To avoid damaging your handset, only use certified rechargeable AAA batteries NiMH 1.2 V 600 mAh, never use non rechargeable batteries. Insert the batteries in the handset battery compartment respecting polarity.



At the end of their useful life, batteries must be disposed of according to the recycling instructions presented in this booklet.



Your DECT telephone has an inside radio range of about 50 metres and up to 300 metres in open space. The immediate presence of metal parts (of a television for example), or of any electric appliance may result in range reduction.



Some sensitive medical equipment and safety equipment may be affected by the radio-frequency transmissions of your telephone. In all cases, we ask that you respect the safety recommendations.



In areas where storms are frequent, we recommend that you protect your telephone line using a surge protection device.

**This equipment does not function in the case of an electric network shutdown: for emergency calls, it is recommended to use another unit during power cuts.**



The CE marking certifies that the product meets the essential requirements of Directive 1999/5/CE of the European Parliament and of the Council pertaining to microwave radio equipment and telecommunication terminal equipment, for the safety and health of users, for electromagnetic interference. Furthermore, it efficiently uses the frequency spectrum attributed to ground and spatial communication to prevent damaging interference.

The declaration of compliance may be looked up on the [www.sagem.com](http://www.sagem.com) site, section "support" or can be obtained from the following address:

**SAGEM SA** - Customer relations department  
4 rue du Petit Albi - 95800 Cergy Saint-Christophe - France

## YOUR TELEPHONE

### Unpacking

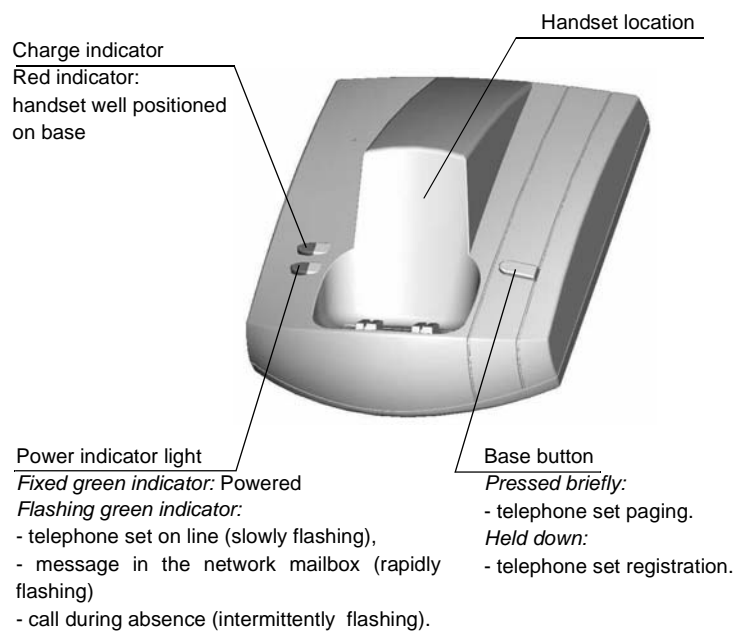
Place the box in front of you, make sure it contains the following items:

- one base,
- one handset,
- one battery compartment cover,
- one equipped power adapter,
- one telephone line cord,
- three rechargeable batteries,
- this user guide.

If you have purchased a DUO pack, you will find in addition:

- a second handset,
- a handset charger,
- an additional battery flap,
- three additional rechargeable batteries.

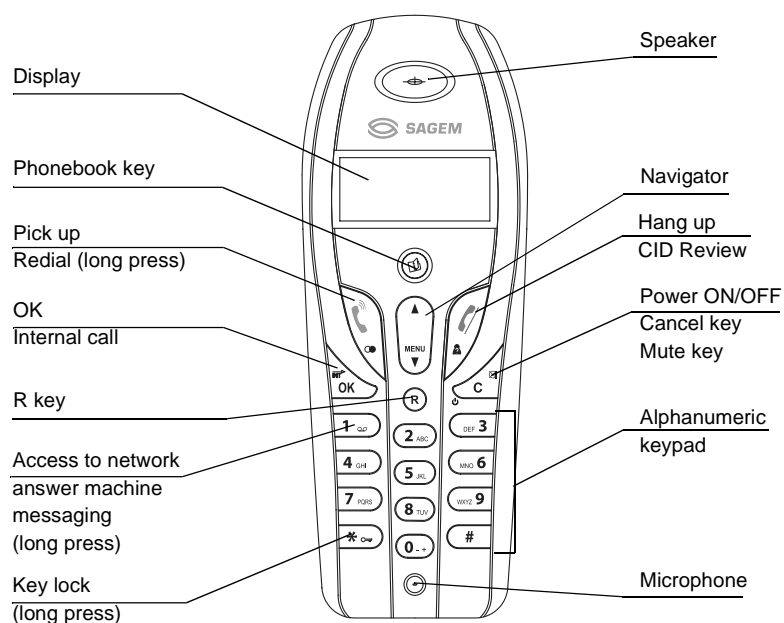
### Your base



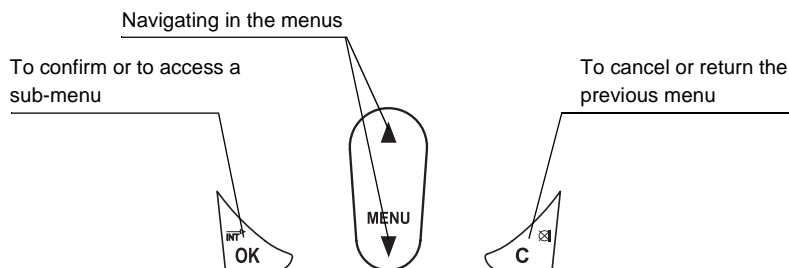
## YOUR TELEPHONE

### ***Your handset***

With its user-friendly design, you will appreciate how easy it is to hold and its quality during conversations.

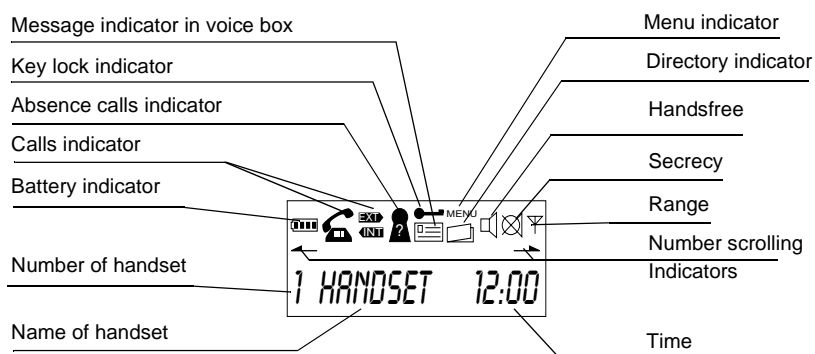


**The navigator key and keys : a rapid selection tool.**



## YOUR TELEPHONE

The visual **display** of your handset on standby mode



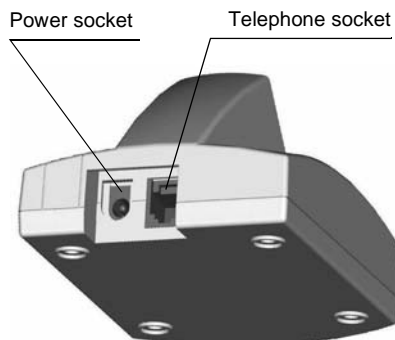
### Connecting the base



*Before making any connections, please refer to the safety instructions presented at the beginning of this user guide.*

On the bottom part of the base, click in the telephone jack in its socket (as shown on the drawing) and connect the other end of the lead to the wall telephone socket.

Connect one end of the power-supply unit cord to the back of the base station and connect up the power-supply unit to the mains. You will hear a beep and the operating status indicator on the base station will light up green.



## YOUR TELEPHONE

### ***Handset set-up***

Insert the batteries one after the other in compliance with the battery polarity, as shown on the label in the telephone set. Place the cover back on the handset by pushing upwards until it is completely closed.

Remove the protective film on the screen, place the handset on the base to fully charge the batteries.

A beep is transmitted by the handset and the charging icon appears on the screen, it indicates the charging status. When icon is completely shaded (4 bars), your batteries are charged.



***Only use certified rechargeable batteries. For optimal battery charge, leave the handset on the base for at least 6 hours during initial use. During charging, the batteries may heat up, this is quite normal and without risk.***

***Never put the handset without its batteries on the base when the latter is powered on.***

### ***Telephone set turning on and off***

To turn off the telephone set, hold down the **C** key. Your telephone set is now switched off.

To turn on your telephone set, hold down the **C** key. Information is displayed on the screen. The battery charging indicator icon, the telephone set number (1 or 2), the name of handset, the time and the range indicator.

## YOUR TELEPHONE

### *Replacing the batteries*

Hold down the **C** key to turn off the telephone set. Turn it around so that the battery compartment is accessible.

Take the handset, key side on your palm and on the battery cover make a pressure downwards.

Remove the old batteries, insert the new batteries one by one in compliance with the polarity of the batteries as shown on the label fixed in the telephone set.

Place the cover back on the handset by pushing upwards until it is completely closed.



At the end of their useful life, batteries must be disposed of according to the recycling instructions presented in this booklet.

*If the rechargeable batteries are absolutely empty, it may take several minutes before the handset display can be seen again.*



*To avoid damaging your handset, only use certified rechargeable AAA batteries NiMH 1.2 V 600 mAh, never use non rechargeable batteries.*




## GETTING STARTED

### GETTING STARTED

#### Making a call

##### ***Direct dialling***


Enter the number of your contact using the keypad keys.

If you enter an invalid digit, press **C** to erase the incorrect digit. Press the green  key on your handset to make the call.



To enter the pause mode during dialling, press the **▲** key until letter P appears.

You can also make a call by:





- Pressing the green key  to access the line.
- Dialling your contact's number.

##### ***Using the Redial key***

Press the green key  and hold it down until the last dialled number appears. Press the green key .

##### ***From the directory***

Press the directory  key, the list appears. Select the contact by pressing the **▲** or **▼** key.

Press the green key .


#### Receiving a call

*When you receive a call your telephone rings. If you have subscribed to a "Caller display" service, the caller's information appears on the screen (unless your caller has enabled the anonymous mode), otherwise the "PRIVATE" screen is displayed.*

*The auto answer mode is activated as the default mode and the call is activated as soon as you remove the handset from the base.*

If the auto answer mode is deactivated, the call is activated as follows:

Answer by pressing the green key .

At the end of the conversation, press the red key .

#### During a call

During a call, you can access the following functions :


- increase the loudspeaker volume,
- activate the handsfree,
- activate the secret mode,
- transfer the call in progress to another handset registered on the same base.


##### ***Ear volume***



During communication, you can increase or decrease the audio volume of your handset by pressing the **▲** or **▼** key on the navigator.

## GETTING STARTED

### ***Handsfree***

While having a conversation with your contact, you can enable or disable the handset loudspeaker. Press key .

The icon  appears.


During communication, you can increase or decrease the audio volume of your handset by pressing the  or  key on the navigator.

### ***Secret mode***

*You can switch to secret mode at any time during your conversation. Your handset microphone will be switched off and the other person will not be able to hear you.*

To activate secret mode:  
During communication, press **C** key.

The  icon will appear on the screen.

To deactivate secret mode:  
Press **C** key again. The  icon disappears.

Your caller will be able to hear you again.


### ***Call transfer***

*This function is accessible if two handsets are registered to the same base. You can now transfer the call in progress to another handset.*

During communication, press **OK** key.


Enter the handset number you want to call.  
Press **OK**.

The handset called rings, once someone

picks up, transfer the call by pressing the red key .

To retake the call before it is picked up by the handset called, press **OK**.


### **Ending a call**


At the end of the conversation, press the red key .

### **Intercommunication between two handsets**

To be able to communicate with each other, the two handsets must be registered to the same base and be within the base range.



To call another handset:

Press  key, enter the handset number you want to call.

The handset called rings. Press the green key  to answer the call with the second handset.

To end the call, press the red key .

### **Locking / unlocking the keypad**

To lock/unlock the keypad, press and hold the keypad key  for some time, the  icon appears on the screen.

## GETTING STARTED

*When the keypad is locked, you cannot dial any number.*





*In order to be able to dial an emergency number (e.g. 112), you must unlock the keypad first.*


### Call log

This menu enables you to view the received and the dialled calls list.


#### ***Viewing the dialled calls***



From the idle screen, press and hold the keypad key  until the last dialled number appears.

You can view the 10 last dialled calls by pressing  key.

You can recall one of the last dialled number. Select the number and press the green key .

#### ***Viewing the received calls***

From the idle screen, press and hold the red key  until the last received call appears.

You can view the 24 last received calls by pressing  or  key.


### Calling the voice box

*This function enables you to receive calls, during your absence, in your voice box on the Public Switched Telephone Network.*




*First, contact your operator who will give you all useful information concerning the voice box operation.*

*To indicate you the presence of a new message:*

- on the base, the green indicator light flashes.
- on the handset, the message icon  appears.

You can call your voice box according to two methods:


- Either in dialling directly the voice box number as when dialling a number.
- Or by pressing for a long time the  key. This method is available if the voice box number is already registered.


*The number can be modified, refer to paragraph **Modifying the voice box number**, page 17*



*When the messages in the voice box have been consulted, the message presence indicators are turned off by the service provider. You may hear a short beep indicating this function.*

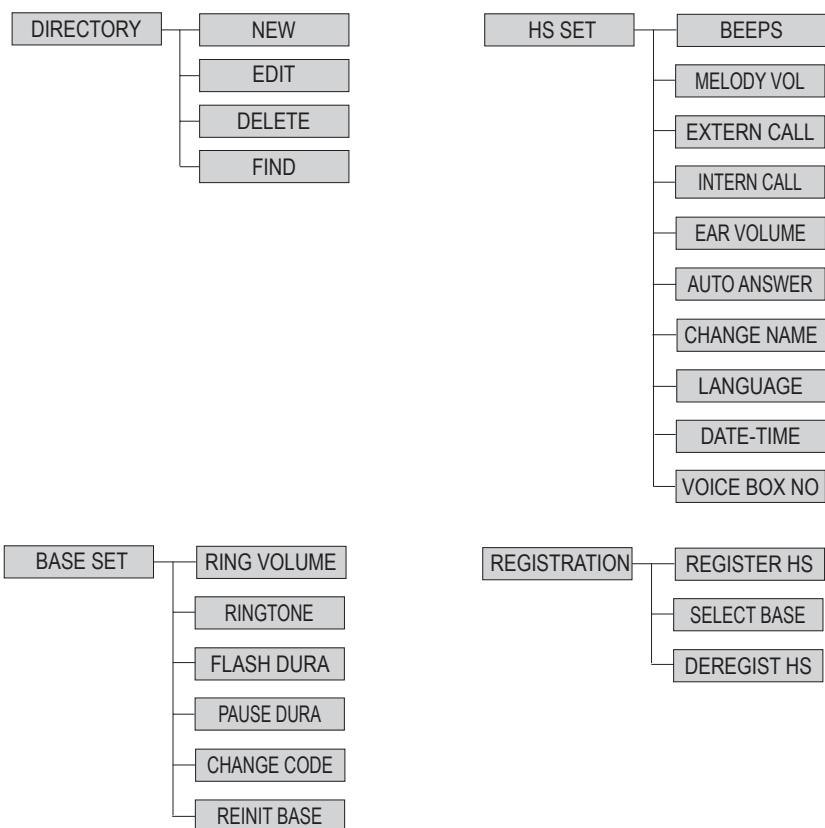
### Paging handset

This feature is very useful if you can't remember where you put your handset, you can make the handset to ring (as long as the handset is in the standby mode) by pressing the  button on your D20T base.

All registered handsets will ring. You can stop each handset by pressing any key on the handset keypad or press again the  button in the base.

## MENU STRUCTURE

You can navigate through the menus using the ▲ and ▼ keys. Press the **OK** key to access a higher menu. Press the **C** key to return to the previous menu.







## YOUR DIRECTORY



### YOUR DIRECTORY

*You can store 25 numbers entries in your directory.*



*Each directory entry can contain the name of your contact which can be a maximum of 12 characters long (spaces included), your contact's telephone number up to 25 digits.*

### Viewing the directory


On the navigator key , press  or  until the **DIRECTORY** screen is displayed, press **OK** to confirm (you can also use  to directly consult your directory list).


Select **FIND** by pressing the  or  key. Press **OK**.

The list of directory entries organised in alphabetical order appears.




Select the entry you want to view using  or . Once you have selected it, press **OK**.





*You can also view the directory simply by pressing the  key. You can then select the entry by pressing the key corresponding to the first letter of the name.*

To exit the menu, press the red key .











### Creating an entry

On the navigator key , press  or  until the **DIRECTORY** screen is displayed, press **OK** to confirm.

Select **NEW** by pressing the  or  key. Press **OK**.

The name input screen appears.

Using the keypad keys, enter the name of your contact by pressing successively on the corresponding keys (see the following table).

Key	Action
	space, --, 1
	A, B, C, 2
	D, E, F, 3
	G, H, I, 4
	J, K, L, 5
	M, N, O, 6
	P, Q, R, S, 7
	T, U, V, 8
	W, X, Y, Z, 9
	0

To enter text, press successively on the desired key until the letter is displayed on the screen.

In case of a mistake, press **C** to erase one character at a time.

Once you are done making your changes, press **OK**.

The number input screen appears.

## YOUR DIRECTORY

Now, enter the name of your contact using the keypad keys.


To enter the pause mode during dialling, press the **▲** key until letter P appears.

In case of a mistake, press **C** to delete the last digit.

Once you are done making your changes, press **OK**.

*A new entry is created. It appears in the directory list.*

### Editing an entry

On the navigator key , press **▲** or **▼** until the **DIRECTORY** screen is displayed, press **OK** to confirm.

Select **EDIT** using **▲** or **▼**. Press **OK**.


Select the entry you want to edit using **▲** or **▼**. Press **OK**.

You enter the name input screen. The cursor is at the end of the name.


- The information is accurate. Press **OK**.
- To correct the name, press **C** key to delete characters. Make your corrections using the keypad keys by pressing successively on the corresponding keys. Once you are finished, press **OK**.

You enter the number input screen. The cursor is at the end of the number.

- The information is accurate. Press **OK**.
- To correct the number, press **C** key to delete the numbers. Enter the new number and press **OK**.

To exit the menu, press the red key .

### Deleting an entry


On the navigator key , press **▲** or **▼** until the **DIRECTORY** screen is displayed, press **OK** to confirm.

Select **DELETE** using **▲** or **▼**. Press **OK**.

Select the entry you want to delete using **▲** or **▼**. Once you have selected it, press **OK** to confirm.

A confirmation screen asks you if you wish to delete the entry.

- If you do not wish to delete the entry, press **C** key.
- To delete the entry, press **OK**. The entry is deleted from the directory.


To exit the menu, press the red key .


## CALL LOG


### CALL LOG

This menu enables you to view the received and the dialled calls list.

#### Viewing the dialled calls

From the idle screen, press and hold the green key  until the last dialled number appears.




You can view the 10 last dialled calls by pressing  key.

You can recall one of the last dialled number. Select the number and press the green key .

#### Viewing the received calls



*The «Number display» function must be activated to perform this operation, contact your service provider for the list of functions available.*

From the idle screen, press the red key  until the last received call appears. You can view the 24 last received calls by pressing  or  key.



The presentation screen for the last call received appears.

This screen presents the following information (depending on the service provider and subscription):


- the name of the subscriber (if the name is in the telephone book or the CLIP function has been activated), or
- the telephone number.




*The number at the end of the line shows the number of calls from the specified telephone number.*



To view the previous calls, use  or . The calls are organized in chronological order, from the most recent call to the oldest call.

After having selected your contact, press the **OK** key to display the date and time of the received call.

To exit the menu, press the red key .

#### Adding a contact in the directory from the list of received calls

Press the  key to access to the list of received calls.

Use  or  to select the number you wish to add to the directory. Press **OK**.

The date and time of the received call are displayed, press **OK**.

NEW is displayed on the screen, press **OK**.

The field where the name can be entered appears. Depending on your service provider and the service you applied for, the name can be transmitted over the network and displayed.

You can change it by pressing the **C** key.


Enter the name of the caller with the keyboard and press **OK**.



## CALL LOG





*If a number appears under the PRIVATE display or if it exists in your directory, you will not be able to delete this number from the call log.*

### Deleting a number from the call log

Press the  key to access to the list of received calls.


Use  or  to select the number you wish to add to the directory. Press **OK**.

The date and time of the received call are displayed, press **OK**.

Use  or  to select DELETE ?, press **OK**.

CONFIRM ? appears on the screen , press **OK** to validate.

### Viewing a missing call

If there were one or more calls for you in your absence, a symbol  will be displayed and the green light will continually flash.

It informs you as to the calls received during your absence.


In order to check the calls during your absence, please **refer to paragraph Viewing the received calls, page 13**.



## HANDSET SETTINGS

### HANDSET SETTINGS

#### Activating or deactivating the beeps

On the navigator key , press ▲ or ▼ until the **HS SET** screen is displayed, press **OK** to confirm.

Select **BEEPS** using ▲ or ▼. Press **OK**.

Select the beep type using ▲ or ▼. Press **OK**.


**KEYPAD PRESS**: the handset beeps when a key is pressed.

**BATTERY LOW**: the handset beeps when the battery is too low.


**OUT OF RANGE**: When the base station is out of range, the handset will warn you acoustically.

An information screen displays the beep status (ON or OFF) for the selected item.

- To change the status, press ▲ or ▼. Press **OK**.
- To keep the status, press **C**.

To exit the menu, press the red key .

#### Modifying the default handset melody volume


On the navigator key , press ▲ or ▼ until the **HS SET** screen is displayed, press **OK** to confirm.

Select **MELODY VOL** using ▲ or ▼. Press **OK**.

There are seven alternatives in succession to choose from: :


- **VOL OFF** : No ringing tone.
- **VOLUME : X** : From 1 to 5.
- **CRESCENDO** : The volume of the ring tone increases with every ringing sequence.

Press ▲ or ▼ to increase or decrease the default volume. Once the volume is set, press **OK**.

To exit the menu, press the red key .


#### Modifying the handset ringtone

*This menu enables you to associate a ringtone to incoming calls or internal calls (intercom).*

On the navigator key , press ▲ or ▼ until the **HS SET** screen is displayed, press **OK** to confirm.

Select **EXTERNAL CALL** or **INTERNAL CALL** using ▲ or ▼. Press **OK**.

Select the desired ringtone using ▲ or ▼. Press **OK**.


To exit the menu, press the red key .

#### Setting the ear volume




*During communication, you can increase or decrease the audio volume of your handset by pressing the ▲ or ▼ key on the navigator.*

## HANDSET SETTINGS

On the navigator key , press ▲ or ▼ until the **HS SET** screen is displayed, press **OK** to confirm.


Select **EAR VOLUME** using ▲ or ▼. Press **OK**.

Press ▲ or ▼ to increase or decrease the default volume. Once the volume is set, press **OK**.

To exit the menu, press the red key .

### Using the auto answer features


*When active, the auto answer feature enables you to automatically answer as soon as you remove the handset from its base.*

On the navigator key , press ▲ or ▼ until the **HS SET** screen is displayed, press **OK** to confirm.


Select **AUTO ANSWER** using ▲ or ▼. Press **OK**.

A screen displays the current status (ON or OFF).

- To change the status, press ▲ or ▼. Press **OK**.
- To keep the status, press **C**.

To exit the menu, press the red key .

### Change the name of the handset


On the navigator key , press ▲ or ▼ until the **HS SET** screen is displayed, press **OK** to confirm.

Select **CHANGE NAME** using ▲ or ▼. Press **OK**.

The current name will be displayed. Delete the current name using the **C** key then enter the new name using the keypad. Press **OK**.




*One can put that 5 characters for the name of handset.*

To exit the menu, press the red key .


### Modifying the language


*This function enables you to change the screen display language.*

On the navigator key , press ▲ or ▼ until the **HS SET** screen is displayed, press **OK** to confirm.


Select **LANGUAGE** using ▲ or ▼. Press **OK**.

An information screen presents the current language used.

- To change the setting, press ▲ or ▼ to select the language. Press **OK**.
- To keep the setting, press .

To exit the menu, press the red key .


### Modifying the date and time

On the navigator key , press ▲ or ▼ until the **HS SET** screen is displayed, press **OK** to confirm.

Select **DATE-TIME** using ▲ or ▼. Press **OK**.

## HANDSET SETTINGS

Enter the date in DD/MM format then the time in HH/ MM format and press **OK**.


To exit the menu, press the red key .

### Modifying the voice box number






*First, contact your service provider who will give you all information concerning the operation of your voice mail.*



*To listen to your voice box in the idle state, give the  key a long press.*


*A default number for your voice messaging service is set in the factory. To change this number, proceed as follows:*

On the navigator key , press  or  until the **HS SET** screen is displayed, press **OK** to confirm.

Select **VOICE BOX NO** using  or . Press **OK**.

The programmed number is displayed on the screen,


- The number is correct, press **OK**.
- To modify the number, press **C** to delete the number. Enter the number. Press **OK**.

To exit the menu, press the red key .

## BASE SETTINGS


### BASE SETTINGS

#### Modifying the default base ring volume

On the navigator key , press **▲** or **▼** until the **BASE SET** screen is displayed, press **OK** to confirm.


Select **RING VOLUME** using **▲** or **▼**. Press **OK**.

Press **▲** or **▼** to increase or decrease the default volume. Once the volume is set, press **OK**.

To exit the menu, press the red key .


#### Modifying the base ringtone

*This menu enables you to associate a ringtone to incoming calls and internal calls (intercom).*

On the navigator key , press **▲** or **▼** until the **BASE SET** screen is displayed, press **OK** to confirm.

Select **RINGTONE** using **▲** or **▼**. Press **OK**.

Select the desired ringtone using **▲** or **▼**. Press **OK**.


To exit the menu, press the red key .

#### Modifying the flash duration (R key)

*If you connect your telephone to a private automatic branch exchange or use it in a foreign country, you may need to modify the flash duration in order to use your telephone correctly.*

*Contact your service provider to obtain the correct flash duration and then modify it by doing the following. Five preprogrammed durations are proposed on the list, the correspondence between the number of the list and the duration is the following :*


number	corresponding duration
1	80 ms
2	100 ms
3	180 ms
4	300 ms
5	600 ms

On the navigator key , press **▲** or **▼** until the **BASE SET** screen is displayed, press **OK** to confirm.

Select **FLASH DURA** using **▲** or **▼**. Press **OK**.

An information screen presents the current flash duration.

- To keep the same time, press **C** key.
- To modify the time, press **OK**. Select the new flash time using **▲** or **▼**. Press **OK**.


To exit the menu, press the red key .

## BASE SETTINGS

### Modifying the pause duration

If you connect your telephone to a private automatic branch exchange, you may need to modify the pause duration in order to use your telephone correctly. Four preprogrammed durations are proposed on the list, the correspondence between the number of the list and the duration is the following.

number	corresponding duration
1	1 second
2	1,5 second
3	2 seconds
4	3 seconds

On the navigator key , press  $\blacktriangle$  or  $\blacktriangledown$  until the **BASE SET** screen is displayed, press **OK** to confirm.


Select **PAUSE DURA** using  $\blacktriangle$  or  $\blacktriangledown$ . Press **OK**.

An information screen presents the current pause duration.

- To keep the same time, press **C**.
- To modify the time, press **OK**. Select the new pause time using  $\blacktriangle$  or  $\blacktriangledown$ . Press **OK**.




To enter the pause mode during dialling, press the  $\blacktriangle$  key until letter **P** appears.

To exit the menu, press the red key .

### Modifying the base code

The base code (**0000** being the default setting) is required to access certain security functions. It must be composed of 4 digits minimum up to 8 digits maximum.


On the navigator key , press  $\blacktriangle$  or  $\blacktriangledown$  until the **BASE SET** screen is displayed, press **OK** to confirm.

Select **CHANGE CODE** using  $\blacktriangle$  or  $\blacktriangledown$ . Press **OK**.

Enter the old base code using the keypad (default is 0000). Press **OK**.

Enter the new base code using the keypad. Press **OK**.

Confirm by entering the new base code again. Press **OK**.


To exit the menu, press the red key .



Note carefully the new base code on the back cover, you will need it to modify some parameters.

### Re-initialize the base


When you re-initialize your base, all the base parameters are reset to their initial values (factory settings).

On the navigator key , press  $\blacktriangle$  or  $\blacktriangledown$  until the **BASE SET** screen is displayed, press **OK** to confirm.

## BASE SETTINGS

Select **REINIT BASE** using ▲ or ▼. Press **OK**.

Enter the base code. Press **OK**.

To exit the menu, press the red key .



*When you re-initialize the base, the base code becomes 0000 again.*

## REGISTRATION

### REGISTRATION



*Two SAGEM D20 handsets can be logged on to one base station.  
A handset can be logged on to up to four different base stations.*


### Registering a second handset to a base

To register a second handset to a base you must:

- put the handset in registration mode,
- put the base in registration mode.

*Once this is done, the registration (mutual recognition of the base and the new handset) will be done automatically (registration can take a few seconds).*

Pick up the handset which you want to register:

On the navigator key , press ▲ or ▼ until the **REGISTRATION** screen is displayed, press **OK** to confirm.

Select **REGISTER HS** using ▲ or ▼. Press **OK**.

Select the base station number by pressing a corresponding key (1, 2, 3 or 4).

Enter the code of the base station which the handset is to be registered on to. Press **OK**.

The handset enters the registration mode.


### On the base:

Put the base to which you want to link the telephone set in registration mode and press the base button for several seconds.

The green light blinks rapidly, the base is in registration mode during 3 minutes.

The new handset and the base are mutually searching for each other. The registration may take several seconds.

Once the handset is registered, the handset automatically exits the registration mode. You will here an acoustic signal and the number which it was given during the log-on will be displayed.

To exit the menu, press the red key .


The green light will continue to light up for three minutes.


### Modifying the base preference

*This function enables you to specify which base will be used by your handset to make calls (if your handset is registered to several bases).*

*You cannot select the base preference if the handset is not registered on it.*





*The symbol  opposite the base number indicates that the base can be selected.*

On the navigator key , press ▲ or ▼ until the **REGISTRATION** screen is displayed, press **OK** to confirm.

## REGISTRATION

Select **SELECT BASE** using ▲ or ▼. Press **OK**.

Select the base preference (indicated by the  icon) using ▲ or ▼. Press **OK**.


To exit the menu, press the red key .

### De-registering a handset

*This function enables you to de-register a handset from your base. This may be necessary if you have lost a handset or if you already have 2 handsets registered to the same base.*




*To de-register the handset 1 from the base, you can do the following : on the handset 2 and conversely register the handset 2.*

On the navigator key , press ▲ or ▼ until the **REGISTRATION** screen is displayed, press **OK** to confirm.

Select **DEREGIST HS** using ▲ or ▼. Press **OK**.

Enter the base code using the keypad (default is 0000). Press **OK**.

A screen prompts you to confirm the unregistration. Press **OK** to unregister the handset.

To exit the menu, press the red key .



## APPENDIX

### Care and Maintenance

Use a slightly damp cloth to wipe the base and handset as well as charging contacts, do not use a dry cloth as this may cause electrostatic charges.

### Problems

Refer to the table presented below in case of an operational malfunction:

Problems	Remedies
The base indicator light is not lit	<p>Make sure that :</p> <ul style="list-style-type: none"> <li>the power adapter is properly connected to a power socket.</li> <li>the power connector is properly plugged into the base.</li> <li>your fuse and circuit-breaker are in working order and that the power socket is powered.</li> </ul>
The handset display is blank	<p>Make sure that the batteries are properly installed. Place the handset on the base and fully charge the batteries. To increase the life of your batteries, you can perform this operation about every two months. If these precautionary measures do not resolve this issue, replacement batteries are available through your reseller. As time goes by, you may notice a slight decrease in battery performance. Use your handset until the battery is fully discharged, and then charge it for at least 6 hours.</p> <p>Note: as time goes by, you may notice a slight decrease in battery performance. Use your battery until the battery is fully discharged, then charge it for at least 6 hours. Fully discharging the batteries at least once every two months will help them to last as long as possible.</p>
The handset does not ring during an incoming call	<p>Make sure that the telephone is properly connected and that you have a dial tone. Make sure that your telephone is not set to silent mode (refer to paragraph Modifying the default handset melody volume, page 15).</p>
No radio link between the handset and base The network indicator icon flashes	<p>Make sure the handset is registered by moving closer to the base, if it is registered correctly, the handset screen should display its own handset number. Otherwise, register the handset to the base (refer to paragraph Registering a second handset to a base, page 21).</p>
Programming not possible	<p>You have already logged in two handsets. You must delete one handset first (refer to paragraph De-registering a handset, page 22). Radio Interference occur during programming, retry the programming, if possible move closer near the D20T base station.</p>
Interference during communications	<p>Out of range or close to other electrical appliances : Check the handset is not emitting the out of range warning tone. If close to other electrical device move away. You may need to reconsider the location of your D20T Base if this problem persists.</p>
Entries will not be accepted in the DIRECTORY.	<p>Directory is full : Up to 25 names and numbers can be stored in the D20T Directory. Delete some of the older entries to make more space for new one.</p>

## APPENDIX

Time reset to 12:00	The base power was removed or base was reset : The base if power was interrupted, the time will also reset or perform Default. Please set the time again. Replace or remove the batteries
D20T is in strange mode	Reset all the user-set features to the factory DEFAULT (refer to paragraph Re-initialize the base, page 19).
D20T cannot make call	The base unit may not be correctly connected: Ensure the base unit is correctly installed and connected. Make sure that the power is On. Other handset are already in communications (in multi handset user): Make sure that, only one internal or external call can be made at the same time. Ensure that other handset is not already in communication prior to use. Network Failure: Try making a call from another telephone. If unsuccessful, contact your network supplier. If connected to PABX: Make sure you have entered the correct PABX code in PBX feature of D20T.
Base Station does not function	Error in connection or lack of power supply: Ensure that the Adaptor power supply has been connected to the D20T and and the adaptor is properly plug in to the AC power plug. Ensure that the AC power should match the Adaptor AC voltage. Make a power off / on reset of the base by removing and plug-in back the power supply.
Handset does not function	Battery may not be installed correctly: Ensure that the battery pack has been correctly installed. Follow the polarity marking of the battery and the drawing on D20T handset battery compartment. Make sure the battery is fully charge. If not, need to charge it on the base cradle.  If the rechargeable batteries are not being properly recharged, please change them (refer to chapter Erreur ! Source du renvoi introuvable., Fehler! Textmarke nicht definiert.). In order to prevent any damage to your handset, only use rechargeable batteries of the following type: NiMH 1.2 V 600 mAh AAA. Do not use non-rechargeable batteries.
Registration fail	Wrong registration procedure: Make sure that you know your D20T system CODE. If you are registering a new handset to your D20T base, (refer to paragraph Registering a second handset to a base, page 21). Try again if possible.
The handset displays "non enregist"	Your handset is not registered on a base, (refer to paragraph Registering a second handset to a base, page 21). Note: When the handset is not registered on a base, you can access only to the REGISTRATION menu.

## FEATURES

Functions	Default settings	Functions	Default settings
<b>Handset</b>		Date/Time	12:00 // 01/01/01
Beeps	All active	Name	D20T
<b>Ringer</b>		<b>Base</b>	
Volume	4	Ringer	
Melody EXT	3	Volume	4
Melody INT	1	Melody EXT/INT	3
Ear volume	4	Flash duration	4 (300 ms)
Auto answer	On	Pause duration	4 (3 sec)
Language	Depending on country	Base code	0000

<b>Telephone features</b>			
Number of channels	120	Autonomy	
Radio frequency band	1,88 - 1,90 GHz	standby time	up to 160 hours
Duplex mode	TDMA	talk time	up to 13 hours
Spacing between	1,728 MHz	Handset range	
Bit rate	1152 Kbit/s	open space	up to 300 m
Modulation	GFSK	inside building	up to 50 m
Vocoding	ADPCM	Base dimensions	140 x 88 x 60 mm
Transmitting power	250 mW	Base weight	130 g
Base operating voltage	230 V , 50/60 Hz	Handset dimensions	140 x 53 x 32 mm
Charging time	6 hours	Handset weight	140 g

All of this data is provided to you for information purposes only. SAGEM SA reserves the right to make any changes without notice.

## ENVIRONMENT

Preservation of the environment as part of a sustainable development logic is an essential concern of SAGEM SA.

The desire of SAGEM SA is to operate systems observing the environment and consequently it has decided to integrate environmental performances in the life cycle of its products, from manufacturing to commissioning, use and elimination.

During the development of the D20 product, the concern for the environment was incorporated, amongst other occasions, by:

- Optimization of the choice of materials to minimize/reduce depletion of resources:
  - Use of recycled paper for these users instructions,
  - Use of recycled material for packaging.
- Participation in collection organizations:



- The presence of the green spot means that SAGEM SA pays a subscription to an approved national organization. This subscription makes it possible to develop infrastructures conjointly with local communities to improve recovery and recycling of packaging.



- The product and consumables (batteries) with the barred dustbin logo must not, in any case whatsoever be thrown away randomly or put inside dustbins with other wastes (batteries must be removed before disposing of the product at the end of its life cycle in compliance with instructions in this brochure).

**Collection points are made available by the town halls or by distributors. Also, observe the sorting rules defined for packaging waste.**

- An improvement to the recyclable nature of the product:
  - Decrease to the number of different types of material used in the product.
  - Intentional marking of the plastic parts (if technically possible), to facilitate their handling.
  - Reduction in the use of materials dangerous for the environment (no PBB and PBDE based fire retardants; NiMH batteries without heavy metals, etc.).

## WARRANTY

### Warranty Conditions for the SAGEM D20 Dectphones

The new equipment attached hereto (the "Equipment") is warranted (spare-parts and maintenance) by SAGEM Communication UK Ltd ("SAGEM"), subject always to the following conditions, against all manufacturing defects for a period of twelve (12) months from the date of purchase of the equipment (the "Warranty"). The Warranty is subject always to proof of purchase being provided to SAGEM's reasonable satisfaction. Therefore, we would recommend that you keep your purchase invoice or proof of purchase in a safe place in order to avoid any future problems. To avoid any doubt any accessories intended for use with the Equipment (such as batteries, line cords etc.) shall be warranted for the shorter of (i) the warranty period stipulated in documentation accompanying such accessories or (ii) three (3) months from the date of purchase (as identified by valid proof of purchase).

Any and all Equipment which has required to be repaired during the above Warranty is thereafter warranted (spare-parts and labour only) \* by SAGEM until the later of (i) Expiry of the above warranty period set out above or (ii) three (3) months from the date on which SAGEM carried out the intervention.

This Warranty applies only if the Equipment has been used in normal conditions, in accordance with all relevant instructions and provided that the Equipment is used properly for its intended purpose and has not been subject to misuse or abuse.

In the unlikely event that you suffer any technical problems during the Warranty period, you must come back to your reseller who will organise an intervention for the repair of your equipment via the Sagem's Authorised Service Centre. Alternatively, please send your machine for repair directly at the Sagem's Authorised Service Centre placing your product in a suitable packaging with the following indications:

**Sagem Service Centre  
FREEPOST SEA9898  
Caldicot  
NP26 5BR**

Please state the following licence number on the right end top of your packaging for the transportation to be at Sagem's expenses: **SEA9898**

Under this Warranty, provided that we have received notification of any warranty claim during the period of the Warranty set out above, your Equipment will be sent by yourself via the process described above, repaired and shipped back to your address in the mainland UK at no expense to you. No replacement equipment will be provided during the repair process.

Prior to any repair of the faulty Equipment, please ensure that the following are performed:

- Save all the details/ information/ data in your DECT directory as they maybe erased. SAGEM shall be under no liability in the event of damage caused to your data and shall not under any circumstances reinstall the data in the Equipment.
- Remove all personal data from the Equipment. SAGEM shall perform its obligations hereunder in accordance with the Data Protection Act 1984 and 1998 and all other relevant regulations.
- Include in the packing your name, address and telephone number.
- Make sure that all the accessories are included with the Equipment and, if possible, into the original package.
- Include also a copy of the proof of purchase of your Equipment or the warranty card duly completed by your retailer.

The statutory rights of consumers under mandatory provisions of law remain in force and are not in any way affected by this guarantee. Without prejudice to the foregoing, If you are a consumer as defined in Section 12 of the Unfair Contract Terms Act 1977 nothing in these conditions shall affect your statutory rights.

Without prejudice to any other limitation stated in this respect the above Warranty shall not cover and SAGEM shall have no obligation with respect to the following: -

## WARRANTY

- 1) *Defects breakdown or malfunctions due to:*
  - *failure to properly follow the installation process, the operating manual and/or the instructions for use; or*
  - *an external cause to the Equipment (including but not limited to, shock, lightening, fire, vandalism, malevolent action, contacts with various liquids or vermin or water damage of any nature, inappropriate electric voltage); or*
  - *modifications to the Equipment made without the written approval of SAGEM; or*
  - *a lack of every day maintenance (as described in the documentation supplied with the Equipment) or to a lack of supervision or care; or*
  - *bad storage or environmental conditions, particularly those related to temperature and hygrometry, effects of variations of electric voltage, parasites from the electric network or from the earth; or*
  - *repair, work (opening or attempt to open the Equipment), alteration, tampering or maintenance of the Equipment by persons not authorised by SAGEM.*
- 2) *Damage due to insufficient or bad packaging of Equipment when returned to the Authorised Repair Centre.*
- 3) *Wear and tear from normal daily use of the Equipment and its accessories.*
- 4) *Communication problems related to an unsuitable environment, including in particular:*
  - *problems related to access to the telephone network such as interruptions by access networks or malfunction of the line used by the subscriber or his correspondent, poor line telephone quality,*
  - *transmission faults (for example, poor geographical coverage by radio transmitter line quality, or any interference between the environment and the radio transmitter),*
  - *modifications of parameters of telephone network carried out after the sale of the Equipment.*
- 5) *Supply of new versions of software.*
- 6) *Work in connection with normal use: delivery, installation or exchange of consumable supplies,...*
- 7) *Work on any Equipment or software modified or added without the consent of SAGEM.*
- 8) *Malfunction due to the use of products, consumables or accessories, which are not compatible with the Equipment and which have not been approved by SAGEM.*
- 9) *Equipment returned to the Call Centre or the Authorised Service Centre without its prior consent.*

*To avoid any doubt, Charges (repair and delivery costs) will apply - which will be advised in advance by SAGEM - for service requested by you where the Equipment is excluded as above from the Warranty and for service provided after expiry of the 12 month warranty period (3 months for accessories) and must be paid in advance of the Equipment arriving at the Authorised Service Centre.*

### **WARNING:**

1. *Defective spare-parts will become property of SAGEM. You hereby agree to SAGEM retaining any and all defective spare parts.*
2. *Subject to legal mandatory provisions, the express warranties set forth in this document are in lieu of all other warranties express or implied to the fullest extent permitted by law. Especially, SAGEM makes no representations or warranty as to quality or fitness of the Equipment for any particular purpose. SAGEM's liability in respect of any claim by the Customer or any third party for direct loss or damage, whether arising in contract, tort or otherwise or from SAGEM's negligence or otherwise in respect of its supply or services shall not exceed the price paid by the Customer for the Equipment. In no event shall SAGEM be liable for indirect, special or consequential damage of any kind to you or any third party (including but not limited to loss of orders, loss of profits, damage to goodwill or reputation, interruption of service and any other financial or commercial damage) whether based on warranty contract or tort.*



## WARRANTY

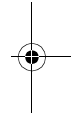
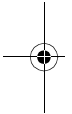


*The foregoing shall apply only for the UK. If any provision of this warranty shall be held to be in whole or in part invalid or illegal due to an obligatory rule applicable to consumers pursuant to English legislation, such invalidity or illegality shall not impair or affect the remaining provisions or parts of this warranty.*

*Any dispute arising from the terms of these Warranty Conditions shall be governed by English law.*


*The operation of the provisions of the Contracts (Rights of Third Parties) Act 1999 shall be excluded from this Warranty.*

*To avoid any doubt, this warranty is not assignable to third parties.*



## Emergency number

In order to be able to dial an emergency number (e.g. 112), you must unlock the keypad first.

To unlock the keypad, give the  key a long press.

European emergency call number  
(Police - Fireman - Medical emergency)

# 112

## Base code

Note here the code which you have entered.

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User Manual

Data subject to change without notice



\* 2 5 1 6 1 9 6 1 5 A \*

## **SAGEM SA**

Société anonyme à directoire et conseil de surveillance au capital de 36.405.229 € - 562 082 909 R.C.S. PARIS  
27, rue Leblanc - 75512 PARIS CEDEX 15 - FRANCE  
<http://www.sagem.com>