

SWITEL

SWISS BRAND

Cordless DECT/GAP Telephone

DE190x

Operating Instructions

Unpacking the telephone

- The package should contain the following parts:
- the cordless handset
 - the charging station
 - two rechargeable batteries for the handset
 - a battery compartment cover for the handset
 - one telephone (base station)
 - one receiver
 - one helix cable

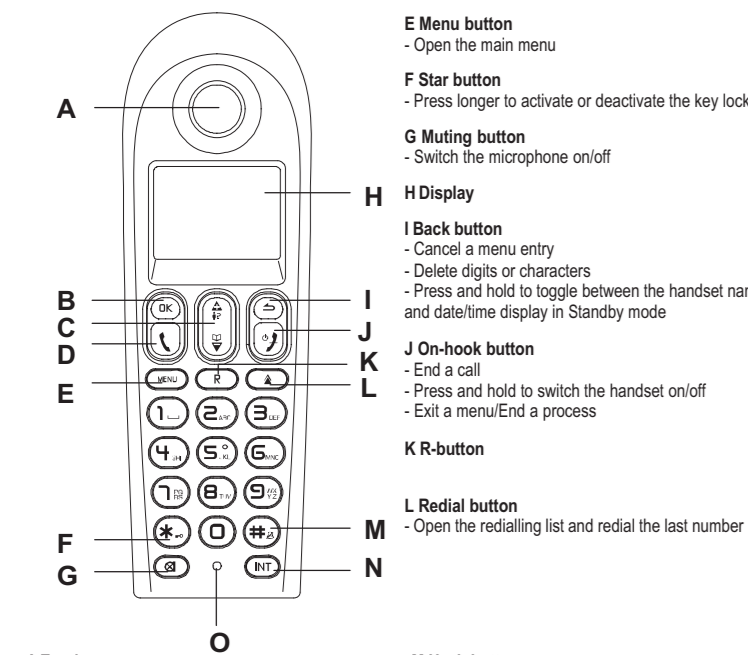
- one telephone connection cable for the telephone (base station)
- one power adapter plug for the telephone (base station)
- one power adapter plug for the charging station

** Keep the purchase receipt in a safe place in case of claims under the terms of guarantee.

Charging the batteries for the first time

Before using the telephone for the first time, it is essential to fully charge all the batteries for 16 hours.

Function keys on the handset



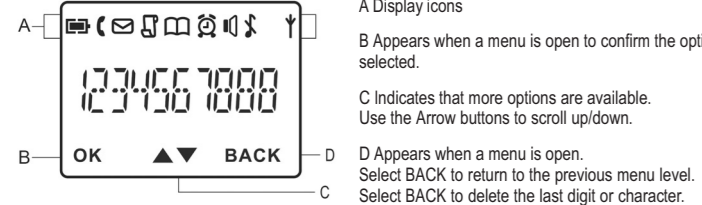
A Earpiece

B OK button
- Select a menu entry

C Navigation button (up/down)
- Up, increase the volume and open the call list
- Down, reduce the volume and open the phone book
- Navigate in the menus

D Call button
- Press to make a call (dial the number)
- Press to take a call

What appears in the display?



A Display icons

B Appears when a menu is open to confirm the option selected.

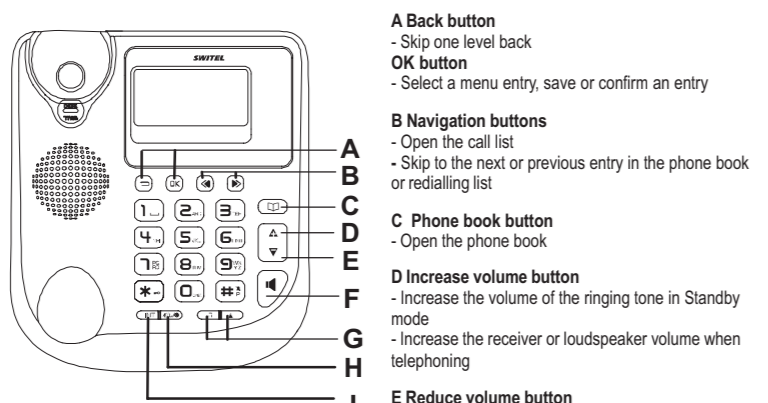
C Indicates that more options are available. Use the Arrow buttons to scroll up/down.

D Appears when a menu is open. Select BACK to return to the previous menu level. Select BACK to delete the last digit or character.

Significance of the icons?

	Battery charge status	Indicates that the battery is fully charged.
	Call	Indicates that an external call is connected or is on hold. Flashes when an incoming call has been received.
	Message	Indicates that you have received a new voice message.
	Call indicator	Appears when you have new missed calls or the call list is open.
	Phone book	Appears when the phone book is open.
	Alarm	Appears when the alarm clock is activated.
	Ringing tone off	Appears when the ring volume has been switched off.
	Signal level	Indicates that the handset is registered and in range of the base station. The icon flashes when the handset is out of range or is searching for a base station.

Function keys on the phone (base station)



A Menu button
- Open the main menu

B Star button
- Press longer to activate or deactivate the key lock

C Muting button
- Switch the microphone on/off

D Increase volume button
- Increase the volume of the ringing tone in Standby mode
- Increase the receiver or loudspeaker volume when telephoning

E Reduce volume button
- Reduce the volume of the ringing tone in Standby mode
- Reduce the receiver or loudspeaker volume when telephoning

F Hash button
- Reduce the volume of the ringing tone in Standby mode
- Reduce the receiver or loudspeaker volume when telephoning

G R-button / Redial button
- Open the redialling list. When the receiver is lifted, the last number dialled is redialled

H Muting / C- / Delete button
- Switch the microphone on/off
- Move one step back
- Delete the last entry

I INT button
- Activate an internal call
- Activate a conference call

Significance of the icons in the display?

	Muting function	Indicates that the microphone is deactivated.
	Call	Indicates that an external call is connected or is on hold. Flashes when an incoming call has been received.
	Message	Indicates that you have received a new voice message.
	Call indicator	Appears when you have new missed calls or the call list is open.
	Phone Book	Appears when the phone book is open.
	Alarm	Appears when the alarm clock is activated.
	Key lock	Appears when the key lock is switched on.
	Handsfree	Appears when the handsfree function is switched on.
	Ringing tone off	Appears when the ring volume has been switched off.

Wall mounting

The telephone (base station) can be mounted on a wall. Screw two screws (not supplied with the telephone) in the wall. The screws must be 100 mm apart, vertical to each other and 5 mm must remain projecting from the wall. To mount the telephone (base station), fit the holes in the underside of the telephone over the screws in the wall and then lower the telephone gently until it is firmly fixed. To ensure the receiver does not slip from the hook when the telephone is installed on a wall, slide out the receiver hook from the telephone (base station). When the equipment leaves the factory, the receiver hook is in a countersunk position (for positioning the telephone on a flat surface). Slide the receiver hook out upwards.

Read prior to starting up

The telephone (base station) and charging station should be set up on a level surface and:

- the plugs on the power adapter plugs must be connected to easily accessible 100-240 V_{AC} mains sockets - never attempt to use an extension for the power cables.
- the telephone connection cable from the telephone (base station) must reach the telephone line socket or extension socket (the charging station has no telephone cable socket).
- the equipment must not be near another telephone; this could cause interference.
- the equipment must not be in the vicinity of a sink, bath, shower or other places which could get wet.
- the equipment must not be in the vicinity of electronic apparatus such as refrigerators, washing machines, microwave ovens, fluorescent lamps, TV sets, etc.
- the equipment must not be in locations exposed to extreme heat, humidity or sunlight.

Radio signals between handset and telephone (base station)

You must establish a radio connection between the handset and telephone (base station) in order to use them. All large objects made of metal, e.g. refrigerators, filing cabinets, etc., positioned between the handset and base station could block the radio signal. Other solid structures, such as walls, can also weaken the signal strength.

Interference

If the sound quality deteriorates when you walk about during a call, it is probably due to interference between the handset and telephone (base station); you may be too near to another phone or electronic device. Go to another location to eliminate any interference. Otherwise, it may result in a short interruption or disconnection of the call.

ECO mode

Both in Call mode as well as in Standby mode, the radiation is reduced considerably as compared to standard, cordless DECT telephones.



Connection to the power supply network

IMPORTANT - The telephone (base station) and charging station must each be used with the power adapter plug supplied with the unit. The use of a different power adapter plug is not compliant with EN 60950 and invalidates the approval to use the device.

The charging station for the handset is equipped with an energy-efficient switching power supply S003IV0600015 (input voltage 100-240 V_{AC}, output voltage 6 V_{DC}, 500 mA). The power consumption of the adapter without a load applied is approx. 0.14 W. The average level of efficiency is approx. 58.55%.

The current consumption of the charging station:
- in operation (Standby mode / call): approx. 0.14 W
- during charging of the handset: approx. 0.6 W

The telephone base station is equipped with an energy-efficient switching power supply S003IV0600050 (input 100-240 V_{AC}, output 6 V_{DC}, 150 mA). The zero load is approx. 0.15 W. The average efficiency is approx. 64.72%.

Safety information regarding handling batteries

ONLY use the rechargeable batteries supplied with the handset. NEVER use non-rechargeable batteries, they could explode and damage your telephone.

Installing and setting up

Insert the rechargeable batteries in the handset.

- 1) Insert the AAA batteries (brand name: HFR, capacity: NIMH 1.2V/400 mAh or brand name: SANIK, capacity: Ni-MH 1.2V/400 mAh) in the handset, paying attention that the polarity complies with that marked in the battery compartment.
- 2) Close the battery compartment by sliding the battery compartment cover in position and pressing firmly, ensuring it has latched in place.

Connecting the telephone (base station)

1. Plug one end of the power cable for the telephone (base station) (type: S003IV0600050, 100-240 V_{AC} / 6 V_{DC} / 500 mA) in the socket on the rear side of the telephone (base station) the other end in a 100-240 V_{AC} 50-60 Hz power socket.
 2. Plug one end of the telephone connection cable in the line socket on the rear side of the telephone (base station) and the other end in a telephone line socket. Plug the power adapter plug of the charging station in a 100-240 V_{AC} 50-60 Hz power socket.
- Before using the handset for the first time, it is important that the batteries have been fully charged.

Place the handset in the charging station for 16 hours.

When charging empty batteries, the battery charge icon flashes.

If you think that the icon does not indicate the correct battery charge status, first check whether the handset is fitted properly in the charging station. If you are sure it is, remove the batteries and reinsert them again. Please note that it is normal for the power adapter plug to warm up. This does not indicate an error.

Attention:

Only use the power adapter plug supplied with the respective unit. The use of other power adapter plugs can lead to equipment damage. The power adapter plug type for the telephone (base station) is S003IV0600050, 100-240 V_{AC} / 6 V_{DC} / 500 mA.

Operating the handset

Switching on/off

	Press and hold the On-hook button for over 2 seconds to switch the handset Standby mode on or off.
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** You can switch the handset off fully to save power.

Note: When the handset is switched off, you cannot make any calls, not even emergency calls. Incoming calls are not indicated by a ringing tone. In order to receive calls again, you must switch the handset back on. It may take a little time for the handset to re-establish a radio connection to the base station.

Key lock function on/off

	Press and hold the Star button for 1 second to lock/unlock the keypad when in Standby mode.
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Note: Incoming calls can still be taken when the key lock function is activated.

Setting the date and time

Note: If you subscribe to the Caller ID service, the date and time are automatically set when you receive a call. However, you may still need to set the correct year.

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the CLOCK&ALARM option and press the OK button to confirm it.
3. Press the OK button to select DATE/TIME. The last date saved appears in the display. Enter the current date (YY-MM-DD), press OK and then enter the time (HH-MM).
4. Press the Navigation button to select between AM or PM (if you have chosen to display the time in the 12-hour format) and then press OK to confirm the selection. An acoustic signal serves to confirm the input.

Changing the handset name

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PERSONAL SET option and press the OK button to confirm it.
3. Press the Navigation button to select the HANDSET NAME option and press the OK button to confirm it. The current handset name appears in the display.
4. Press the Back button to delete the characters in succession. Enter the new name (max. 10 characters) and press the OK button to confirm it. An acoustic signal serves to confirm the input.

Changing the display language

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PERSONAL SET option and press the OK button to confirm it.
3. Press the Navigation button to select the LANGUAGE option and press the OK button to confirm it.
4. Press the Navigation button to select the required language and press the OK button to confirm it. An acoustic signal serves to confirm the input.

Using the phone book

The handset can store up to 50 names and numbers in the phone book memory. Each phone book entry can contain 24 digits for the phone number and 12 characters for the name. Entering characters After selecting a field in which you want to enter text, you can enter the letters labelled on the buttons by pressing the respective button the relevant number of times. Press the "2" button once, for example, to enter the letter A, press it twice to enter the letter B etc. A space and other characters can be entered by pressing the buttons 1 or 0.

Saving a contact in the phone book

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PHONEBOOK option and press the OK button to confirm it.
3. Press the OK button again to open the NEW ENTRY option.
4. Enter the name of the contact (max. 12 characters). To edit the name, press the Back button to delete the last letter entered. Press the OK button to confirm the name entered.
5. Enter the number of the contact (max. 24 digits) and press the OK button to confirm it. An acoustic signal serves to confirm the input.

** No further phone book entries can be made when the memory is full. In this case, you must delete existing entries from the phone book to make space for new ones.

** When you enter a number, enter the complete number including area code if you subscribe to the Caller ID service. Otherwise, the name will not be displayed when a call is received.

Making calls

	Dial the number (max. 24 digits) and then press the Call button.
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	Press the Call button to initiate the function and then dial the number (max. 24 digits).
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	When the handset is in Standby mode, press the Redial button. Use the Navigation button to select an entry in the redialling list and then press the Call button.
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Note: You must subscribe to the Caller ID service in order to be able to read the number or name of the caller in the call list.

Dialling from the phone book

	Press the Navigation button (arrow down) when handset is in Standby mode. Use the Navigation button to select an entry in the phone book and then press the Call button.
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Taking and ending a call

1. Press the Call button when the telephone rings.
 2. To end the call, press the On-hook button.
- Warning: When the handset rings as a call is received, do not hold the handset too near your ear because the volume of the ringing tone could damage your ear.

Important information

To end a call, you can simply replace the handset in the charging station. Ensure that you have not deactivated the Automatic Hang-up function.

Setting the volume of the earpiece

Press the Navigation button during a call to select from VOLUME 1 to VOLUME 3.

Switching the microphone on/off

When the microphone is switched off, MUTE ON appears in the handset display and the caller can no longer hear you.

	Press the Mute button during a call to switch the microphone on and off.
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Call waiting

If you subscribe to the call waiting service, an acoustic signal is issued from the earpiece when you are making a call to inform you that a second incoming call has been received. The number or name of the second caller appears in the handset display if you subscribe to this service (Caller Line Identification, CLI). Further information on this service can be obtained from your network provider.

Using the phone book

The handset can store up to 50 names and numbers in the phone book memory. Each phone book entry can contain 24 digits for the phone number and 12 characters for the name.

Entering characters After selecting a field in which you want to enter text, you can enter the letters labelled on the buttons by pressing the respective button the relevant number of times. Press the "2" button once, for example, to enter the letter A, press it twice to enter the letter B etc. A space and other characters can be entered by pressing the buttons 1 or 0.

Saving a contact in the phone book

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PHONEBOOK option and press the OK button to confirm it.
3. Press the OK button again to open the NEW ENTRY option.
4. Enter the name of the contact (max. 12 characters). To edit the name, press the Back button to delete the last letter entered. Press the OK button to confirm the name entered.
5. Enter the number of the contact (max. 24 digits) and press the OK button to confirm it. An acoustic signal serves to confirm the input.

** No further phone book entries can be made when the memory is full. In this case, you must delete existing entries from the phone book to make space for new ones.

** When you enter a number, enter the complete number including area code if you subscribe to the Caller ID service. Otherwise, the name will not be displayed when a call is received.

Making and taking calls

	Dial the number (max. 24 digits) and then press the Call button.
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	Press the Call button to initiate the function and then dial the number (max. 24 digits).
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	When the handset is in Standby mode, press the Redial button. Use the Navigation button to select an entry in the redialling list and then press the Call button.
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Note: You must subscribe to the Caller ID service in order to be able to read the number or name of the caller in the call list.

Editing a phone book entry

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PHONEBOOK option and press the OK button to confirm it.
3. Press the Navigation button to select the EDIT ENTRY option and press the OK button to confirm it.
4. Press the Navigation button to select the entry to be edited and press the OK button to confirm it. The name appears in the display. Edit the name as necessary and then press the OK button to confirm it.
5. Edit the number as necessary and then press the OK button to confirm it. An acoustic signal serves to confirm the input.

Deleting a phone book entry

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PHONEBOOK option and press the OK button to confirm it.
3. Press the Navigation button to select the DELETE option and press the OK button to confirm it.
4. Press the Navigation button to select the entry to be deleted and press the OK button to confirm it.
5. Press the OK button to confirm it again. An acoustic signal serves to confirm the input.

Deleting all the entries from the phone book

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PHONEBOOK option and press the OK button to confirm it.
3. Press the Navigation button to select the DELETE ALL option and press the OK button to confirm it.
4. Press the OK button to confirm it again. An acoustic signal serves to confirm the input.

Direct memory buttons

In addition to the phone book memory, the handset is also provided with two direct memory buttons (buttons 1 & 2). Press the buttons longer when in Standby mode, the number assigned to the respective button is automatically dialled.

Adding/Editing numbers assigned to the direct memory buttons

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PHONEBOOK option and press the OK button to confirm it.
3. Press the Navigation button to select the DIRECT MEM. option and press the OK button to confirm it.
4. Press the Navigation button to select KEY 1 or KEY 2 and press the OK button to confirm it. The name stored is displayed or NO NUMBER appears if the memory is empty. If no number is stored for the button selected or you want to edit the name or number stored, press the Menu button to open the Direct Memory menu and add/edit the name or number.
5. Press the Navigation button to select the EDIT NUMBER option and press the OK button to open the entry. Either the name currently stored appears in the display or the ENTER NAME message appears if no name is stored. Edit or enter the required name, as necessary, and then press the OK button. Either the number currently stored appears in the display or the ENTER NUMBER message appears if no number is stored. Edit or enter the required number, as necessary, and then press the OK button. An acoustic signal serves to confirm the input.

Deleting the direct memory

1. Press the Menu button to open the menu options for selection.
2. Press the Navigation button to select the PHONEBOOK option and press the OK button to confirm it.
3. Press the Navigation button to select the DIRECT MEM. option and press the OK button to confirm it.
4. Press the Navigation button to select KEY 1 or KEY 2 and press the OK button to confirm it. The name stored is displayed (or NO NUMBER appears if the memory is empty).
5. Press the Menu button to open the Direct Memory menu.
6. Press the Navigation button to select the DELETE option and press the OK button to confirm it. Press the OK button to confirm it again. An acoustic signal serves to confirm the input.

Deleting all the entries in the call list

1. When the handset is in Standby mode, press the Navigation button (up) and then press the Navigation button to scroll through the entries in the call list. The calls are displayed in chronological order with the last call at the top of the list.
2. Press the OK button to display further details of the call, including date and time.

Storing call list entries in the phone book

1. When the telephone is in Standby mode, press the Navigation button (up) to open the call list.
2. Press the Navigation button to select an entry and then press the Menu button.
3. Press the Navigation button to select the SAVE NUMBER option and press the OK button to confirm it. Enter the name of the contact (max. 12 characters) and press the OK button to confirm it.

Deleting a call list entry

1. When the telephone is in Standby mode, press the Navigation button (up) to open the call list.
2. Press the Navigation button to select an entry and then press the Menu button.
3. Press the Navigation button to select the DELETE option and press the OK button to confirm it. Press the OK button to confirm it again. An acoustic signal serves to confirm the input.

Deleting all the entries in the call list

1. When the telephone is in Standby mode, press the Navigation button (up) to open the call list.
2. Press the Menu button.
3. Press the Navigation button to select the DELETE ALL option and press the OK button to confirm it. Press the OK button to confirm it again. An acoustic signal serves to confirm the input.

Using the redialling list

Handset ringing tone

Setting the ringing tone volume

There are five settings for the ring volume (OFF, LEVEL 1, LEVEL 2, LEVEL 3 and LEVEL 4). The standard volume is LEVEL 3.

- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **PERSONAL SET** option and press the OK button to confirm it.
- Press the Navigation button, select the **HANDSET TONE** option and then press the OK button to confirm the selection and display **RING VOLUME**. Press the OK button.
- Use the Navigation button to select the required volume and press the OK button to confirm it. An acoustic signal serves to confirm the input.

Setting the ringing melody

There are 10 ringing melodies stored on the handset.

- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **PERSONAL SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **HANDSET TONE** option and press the OK button to confirm it.
- Press the Navigation button to select the **RING TONES** option and press the OK button to confirm it.
- Use the Navigation button to select the required melody and press the OK button to confirm it. An acoustic signal serves to confirm the input.

Activating/Deactivating the key tone

When a key is pressed, a single acoustic signal is issued. You can activate or deactivate this key tone. The key tone is activated in its standard setting.

- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **PERSONAL SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **HANDSET TONE** option and press the OK button to confirm it.
- Press the Navigation button to select the **KEY BEEP** option and press the OK button to confirm it.
- Press the Navigation button to select **ON** or **OFF** and press the OK button to confirm the setting. An acoustic signal serves to confirm the input.

Activating/Deactivating automatic hang-up

This function causes a call to be ended automatically when the handset is simply replaced in the charging station. The Automatic Hang-up function is activated when the handset is in its standard state.

- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **PERSONAL SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **AUTO HANG-UP** option and press the OK button to confirm it.
- Press the Navigation button to select **ON** or **OFF** and then press the OK button to confirm the setting. An acoustic signal serves to confirm the input.

Setting the date/time format

You can define the preferred date/time format for display on the handset. The standard setting is DD/MM and 24 HOURS.

- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **CLOCK&ALARM** option and press the OK button to confirm it.
- Press the Navigation button to select the **SET FORMAT** option and press the OK button to confirm it.
- Press the OK button to select **TIME FORMAT**. The current setting is displayed.
- Press the Navigation button to select **12 HOURS** or **24 HOURS** and then press the OK button to confirm the setting. An acoustic signal serves to confirm the input.

Setting the date format

- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **CLOCK&ALARM** option and press the OK button to confirm it.
- Press the Navigation button to select the **SET FORMAT** option and press the OK button to confirm it.
- Press the Navigation button to select the **DATE FORMAT** option and press the OK button to confirm it. The current setting is displayed.
- Press the Navigation button to select **DD/MM** or **MM/DD** and press the OK button to confirm the setting. An acoustic signal serves to confirm the input.

Setting the alarm clock

The handset is equipped with an alarm clock function and when the alarm is set, it is indicated in the handset display.

When the set alarm time is reached, **-ALARM-** flashes in the display and the alarm melody is played for 1 minute or until a button on the handset is pressed.

If the alarm function is set to **ON DAILY**, the alarm is signalled again on the following day. If the alarm function is set to **ON ONCE**, is deactivated after playing.


- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **CLOCK&ALARM** option and press the OK button to confirm it.
- Press the Navigation button to select the **ALARM** option and press the OK button to confirm it.
- Press the Navigation button to select **OFF**, **ON ONCE** or **ON DAILY** and then press the OK button to confirm the setting.
- If you select **ON ONCE** or **ON DAILY**, enter the time (HH-MM) at which the alarm should sound and press the Navigation button to select **AM** or **PM** if the time displayed in the **12 HOURS** format.
- Press the OK button to confirm the selection. An acoustic signal serves to confirm the input.

Setting the alarm tone

- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **CLOCK&ALARM** option and press the OK button to confirm it.
- Press the Navigation button to select the **ALARM TONE** option and press the OK button to confirm it.
- Press the Navigation button to select **MELODY 1**, **MELODY 2** or **MELODY 3** and then press the OK button to confirm the setting. An acoustic signal serves to confirm the input.

Operating the telephone (base station)

Key lock function on/off

	Press and hold the Star button for 1 second to lock/unlock the keypad when in Standby mode.
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Note: Incoming calls can still be taken when the key lock function is activated.

Making and taking calls


Redialling

- Dial the number (max. 24 digits).
- Pick up the receiver or press the Handsfree button.


Dialling directly

- Pick up the receiver or press the Handsfree button.
- Dial the number (max. 24 digits).

Dialling from the redialling list


	When the phone is in Standby mode, press the Redial button. Use the Navigation buttons to select an entry in the redialling list and pick up the receiver.
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Dialling from the call list

	When the phone is in Standby mode, press a Navigation button. Use the Navigation buttons to select an entry in the call list and pick up the receiver or press the Handsfree button.
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Note: You must subscribe to the Caller ID service in order to be able to read the number or name of the caller in the call list.

Dialling from the phone book

	When the phone is in Standby mode, press the Phone Book button. Use the Navigation buttons to select an entry in the phone book and pick up the receiver or press the Handsfree button.
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
Taking and ending a call


- Pick up the receiver when the phone rings or press the Handsfree button.
- Replace the receiver to end the call or press the Handsfree button again.

Setting the volume of the earpiece

While a call is in progress, press the Increase/Decrease Volume buttons to select from **VOLUME 1** to **VOLUME 5**.

Switching the microphone on/off

When the microphone is switched off, the  icon appears in the telephone (base station) display and the caller can no longer hear you.

	Press the Mute button during a call to switch the microphone on and off.
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Call waiting

If you subscribe to the call waiting service, an acoustic signal is issued from the earpiece when you are making a call to inform you that a second incoming call has been received. The number or name of the second caller appears in the telephone (base station) display if you subscribe to this service (Caller Line Identification, CLl). Further information on this service can be obtained from your network provider.

Using the phone book

The telephone (base station) can store up to 30 numbers in the phone book memory. Each phone book entry can contain up to 24 digits for the phone number.

Saving a contact in the phone book

- Press and hold the Phone Book button for approx. 2 seconds.
- Enter the phone number.
- Press the OK button to confirm the entry. An acoustic signal serves to confirm the input.

** No further phone book entries can be made when the memory is full. In this case, you must delete existing entries from the phone book to make space for new ones.

Opening the phone book

- Press the Phone Book button.
- Use the Navigation buttons to scroll through the phone book.
- Press the Back button to return to Standby mode.

Editing a phone book entry

- Press the Phone Book button.
- Use the Navigation buttons to select a number in the phone book.
- Press and hold the Phone Book button for approx. 2 seconds.
- Edit the phone number, if necessary.
- Press the OK button to confirm the selection. An acoustic signal serves to confirm the input.

** Use the Delete button to delete the last digit.

Deleting a phone book entry

- Press the Phone Book button.
- Use the Navigation buttons to select a number in the phone book.
- Press the Delete button.
- Press the OK button to confirm the selection. An acoustic signal serves to confirm the input.

Deleting all the entries from the phone book

- Press the Phone Book button.
- Press and hold the Delete button for approx. 2 seconds.
- Press the OK button to confirm the entry. An acoustic signal serves to confirm the input.

Using the redialling list

The last five numbers dialled are stored in the redialling list. A maximum of 24 digits can be displayed for each entry.

Opening the redialling list

- When the phone is in Standby mode, press the Redial button.
- Press the Navigation buttons to scroll through the redialling list. The number last dialled is the first one displayed in the list.

Saving a number in the redialling list in the phone book

- When the phone is in Standby mode, press the Redial button to open the redialling list.
- Press the Navigation buttons to select an entry.
- Press and hold the Phone Book button for approx. 2 seconds to save the entry.
- Press the OK button to confirm the selection. An acoustic signal serves to confirm the input.

Deleting a number from the redialling list

- When the phone is in Standby mode, press the Redial button to open the redialling list.
- Press the Navigation buttons to select an entry.
- Press the Delete button.
- Press the OK button to confirm the selection. An acoustic signal serves to confirm the input.

Deleting the redialling list

- When the phone is in Standby mode, press the Redial button to open the redialling list.
- Press and hold the Delete button for approx. 2 seconds.
- Press the OK button to confirm the entry. An acoustic signal serves to confirm the input.

Using the call list

It may be necessary to contact your telephone service provider in order to receive the caller ID. You will then be informed of all the charges. You can use the caller ID to view the phone number of the caller in the telephone (base station) display before actually taking the call. The phone numbers are then displayed in the call list. The call list contains the last 20 external calls received so that you can call back later.

If a call is received later from the same number, only the last call is saved. When the call list is full, the oldest entry is overwritten by a new call. When the call list receives a new call, the missed call indicator icon appears in the handset display.

Opening the call list

- When the telephone is in Standby mode, press one of the Navigation buttons.
- Use the Navigation buttons to scroll through the call list.
- The calls are displayed in chronological order with the last call first in the list.

Storing call list entries in the phone book

- When the phone is in Standby mode, press one of the Navigation buttons.
- Press the Navigation buttons to select an entry.
- Press the Phone Book button.
- Press the OK button to confirm the selection. An acoustic signal serves to confirm the input.

Deleting a call list entry

- When the phone is in Standby mode, press one of the Navigation buttons.
- Press the Navigation buttons to select an entry.
- Press the Delete button.
- Press the OK button to confirm the selection. An acoustic signal serves to confirm the input.

Deleting all the entries in the call list

- When the phone is in Standby mode, press one of the Navigation buttons.
- Press and hold the Delete button for approx. 2 seconds.
- Press the OK button to confirm the entry. An acoustic signal serves to confirm the input.

Using the intercom function

The intercom, call forwarding and conference call functions are only available when at least one handset is registered on the tele phone (base station). It enables you to complete internal calls free of charge, transfer external calls from the telephone (base station) to a handset and set-up a 3-way conference call with an external caller.

If you attempt to make a call while the telephone (base station) or another handset is already completing an external call, you will hear the engaged signal for a few seconds before the display returns to Standby mode.

Transferring internal calls to a handset


INT	When the phone is in Standby mode, press the INT button. If a handset is registered, the intercom function is established immediately.
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If more than one handset is registered, the handset numbers available for the intercom function are displayed together with a *. Enter the number of the handset you want to contact or press * to call all the other handsets and start the intercom function.

Forwarding an external call to another handset

INT	Press the INT button during a call to put the external call on hold (the caller can no longer hear you).
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If only one handset is registered, the intercom function is established immediately. If more than one handset is registered, the handset numbers available for the intercom function are displayed together with a *. Enter the number of the handset you want to contact or press * to call all the other handsets and start the intercom function.

	Press the Call button on the handset called to take the internal call so that both internal callers can communicate. The intercom function is established.
	Replace the receiver to transfer the external call to the handset called. The external call is transferred.

** If the handset called does not answer, press the INT button to retrieve the external call.

Taking an external call while intercom is in progress

An acoustic signal is issued if an external call is received while the intercom function is being used.

- Replace the receiver or press the Handsfree button.
- The telephone (base station) rings.
- Pick up the receiver or press the Handsfree button.

A connection is established to the external caller.

** To put the internal call on hold and take the incoming external call, press the INT button.

Brokering between an internal and external call


INT	Press the INT button during a call to alternate between an internal and external caller.
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Setting up a three-way conference call

The conference call function enables an external caller to communicate simultaneously with the telephone (base station) and a handset (as an intercom). The three subscribers participate in the call without an additional network subscription being necessary.

INT	Press the INT button during an external call to put the external call on hold (the caller can no longer hear you).
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If more than one handset is registered, the handset numbers available for the intercom function are displayed together with a *. Enter the number of the handset with which you want to communicate using the intercom function.

	Press the Call button on the handset called to take the internal call so that both internal callers can communicate. The intercom function is established.
INT	Press and hold the INT button on the phone (base station) for 2 seconds to start the conference with three participants.

Advanced use of the handset

Changing the master PIN

The master PIN is used for registering/deregistering handsets and for remote access to the answering machine. The standard master PIN is 0000. The maximum length of the PIN is 8 digits.

Note: If you forget your PIN code, you can reset it to 0000 by resetting the handset.

- Press the Menu button on the handset to open the menu options for selection.
- Press the Navigation button to select the **ADVANCED SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **CHANGE PIN** option and press the OK button to confirm it.

Enter the current master PIN when requested to do so and then press the OK button to confirm it. When the PIN is entered, it appears as a series of asterisks (*).

(Enter the new PIN and press the OK button to confirm it. An acoustic signal serves to confirm the input.)

Registering your handset

Important:

When you purchase a telephone set, all the handsets are already registered on the telephone (base station) so that there is no need to register them. Handsets only need to be registered when new handsets are purchased or a handset indicates a malfunction. The procedure described below relates to a handset from the DE190x series.

It may deviate if you want to register a different handset model, in which case you must refer to the operating manual supplied with that handset.

Additional handsets must be registered on the telephone (base station) before they can be used. Up to four handsets can be registered on the telephone (base station). The master PIN is required in order to register or deregister handsets. The default master PIN is 0000.

- Press the Menu button on the handset to open the menu options for selection.
- Press the Navigation button to select the **ADVANCED SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **REGISTRATION** option and press the OK button to confirm it.

** If you do not complete an operation on the handset for a period of 10 seconds, the registration process is cancelled. Repeat the process from the start in this case.

Enter the master PIN when requested to do so and then press the OK button (the default master PIN is 0000).

WAIT appears in the display. An acoustic signal is issued as confirmation that registration has been completed successfully and the handset returns to Standby mode whereby the handset number appears in the display.

** If no base station is detected within a certain period of time, an acoustic error signal is issued which indicates the registration process has failed and the handset returns to Standby mode. The registration procedure must be repeated in such cases.

Deregistering a handset

- Press the Menu button to open the menu options for selection.
- Press the Navigation button to select the **ADVANCED SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **UNREGISTER** option and press the OK button to confirm it.
- Enter the current master PIN when requested to do so and then press the OK button to confirm it. (The default master PIN is 0000.)
- Press the Navigation button to select the handset number to be deregistered and press the OK button to confirm it.

An acoustic signal is issued to indicate deregistration has been completed successfully. ** If you do not complete an operation on the handset within a period of 15 seconds, the deregistration process is cancelled and the handset returns to Standby mode.

You must use a DE190x handset to deregister handsets from the telephone (base station).

Defining the prefix number/detect digit

This function enables you to define a prefix number which must be added at the beginning of any predial phone numbers. You can also define a string of detect digits which ensures that the prefix number is only added when the first digits of the predialled phone number corresponds with the detect digits. If they do, the prefix number replaces the detect digits.

Up to 5 digits can be entered as the detect digits and up to 10 digits for the prefix number.

- Press the Menu button on the handset to open the menu options for selection.
- Press the Navigation button to select the **ADVANCED SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **AUTO PREFIX** option and press the OK button to confirm it.
- Press the Navigation button to select the **DETECT DIGIT** option.
- Press the OK button. The last detect digits saved are displayed (if available).
- Enter the string of detect digits (max. 5 digits) and press the OK button to confirm it.
- Press the Navigation button to select **PREFIX**.
- Press the OK button. The last prefix number saved is displayed (if available).
- Enter the prefix number (max. 10 digits) and press the OK button to confirm it. An acoustic signal serves to confirm the input.
- ** If you do not enter detect digit (empty), the prefix number is automatically added to the predial phone number after pressing the Call button.

In the case of numbers beginning with *, # or P, the prefix number is not added to the predial phone number.

Changing the recall time

You can use the R-button in order to send a signal (also referred to as Flash) when the telephone is integrated in a PABX. In most cases, you should not alter the standard recall time setting of **SHORT** (100 ms) because this is the standard recall time in telephone networks. However, you can switch to **MEDIUM** (270 ms) or **LONG** (600 ms) if your telephone is used in telephone networks with a corresponding recall time.

- Press the Menu button on the handset to open the menu options for selection.
- Press the Navigation button to select the **ADVANCED SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **RECALL TIME** option and press the OK button to confirm it.
- Press the Navigation button to select **SHORT**, **MEDIUM** or **LONG** and then press the OK button to confirm the setting. An acoustic signal serves to confirm the input.

Changing the dialling mode

Normally, you should leave the dialling mode in its default setting of **TONE** (also referred to a MF or DTMF).

However, it can be switched to **PULSE**, if necessary.

Note: If **PULSE** mode is set, you can press the * button to switch to **TONE** for the remainder of the call.

- Press the Menu button on the handset to open the menu options for selection.
- Press the Navigation button to select the **ADVANCED SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **DIAL MODE** option and press the OK button to confirm it.

4. Press the Navigation button to select **TONE** or **PULSE** and then press the OK button to confirm the setting. An acoustic signal serves to confirm the input.

Setting the first ring

If this function is deactivated, the first ring of an incoming call is not sounded. This is useful in the case of lines on which the caller ID is only transmitted after the first ring.

- Press the Menu button on the handset to open the menu options for selection.
- Press the Navigation button to select the **ADVANCED SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **FIRST RING** option and press the OK button to confirm it.
- Press the Navigation button to select **ON** or **OFF** and then press the OK button to confirm the setting. An acoustic signal serves to confirm the input.

Resetting the unit

This function can be used to reset the telephone to its default, factory settings.

Note: On resetting the unit, all your personal settings, the entries in the call list and redialling list are deleted and the phone switches back to its default settings. Your phone book, however, remains unchanged after a reset. If you have an answering machine, all the recorded messages are also retained, unaffected.

- Press the Menu button on the handset to open the menu options for selection.
- Press the Navigation button to select the **ADVANCED SET** option and press the OK button to confirm it.
- Press the Navigation button to select the **RESET** option and press the OK button to confirm it.
- Press the OK button to confirm it again. An acoustic signal is issued to confirm the process and the unit is reset to its default settings.

In case of problems

Service hotline

Should problems arise with the telephone, please refer to the following information first. In the case of technical problems, you can contact our hotline service, Tel. 0900 00 1675 within Switzerland (Swisscom fees at time of going to print: CHF 2.60/min). In the case of claims under the terms of guarantee, please contact your sales outlet. There is a 2 year period of guarantee.

Problems and solutions

Problems	Solutions
No connection possible to the telephone (base station)	- Check that the handset has been registered on the telephone (base station) with the correct PIN code Page.
No telephone calls possible	- The telephone (base station) is not connected properly or is defective. Only use the telephone connection cable supplied. <p>- Test whether the telephone connection is in order by using another telephone.</p> <p>- The power adaptor plug is not plugged in or there is a complete power failure.</p> <p>- The rechargeable batteries in the handset are empty or defective.</</p>