

Profile for **CT-DECT Multi M7**

P-MULTI-BASE.US-001

Product instructions

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1 Explanation of safety instructions



DANGER

Immediate hazardous situation. Results in death or serious injury.



WARNING

Potentially hazardous situation. May result in death or serious injury.



CAUTION

Potentially hazardous situation with minor or moderate injury.

NOTICE

Indicates a situation that, if not avoided, may cause damage to the product or other property.

Is used to indicate useful information for efficient and safe use of the product.

Legal notice for operation in the USA

The transmitter of the CT-DECT device may only be used in the USA when it has the following label:

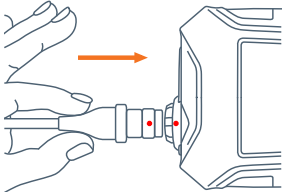
FCC ID

2 Connectors

Ensure careful handling of the plug connectors.

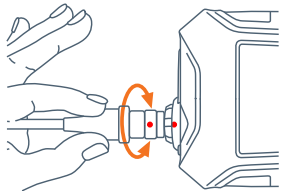
2.1 Connecting

Step 1



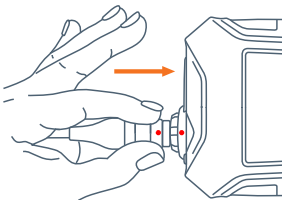
Place the plug on the socket. Make sure that the red dots on the plug and socket match.

Step 2



Carefully turn the plug on the socket until it slightly slides into the socket.

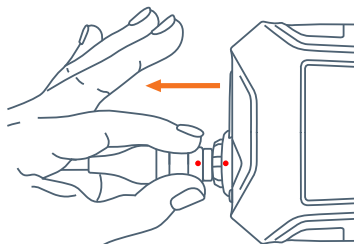
Step 3



Press the plug into the socket until you feel it click into place.

2.2 Disconnecting

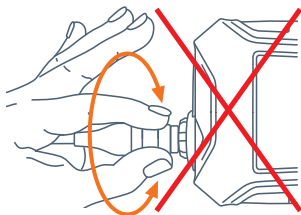
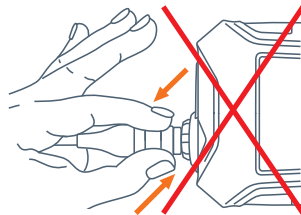
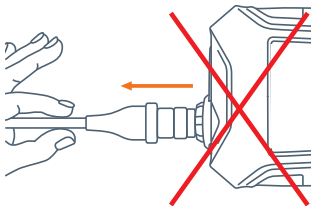
To release the plug grip it as close as possible to the socket:



Avoid movements as shown in the following illustrations.

NOTICE

Improper handling can damage the connector. The locked connector may neither be twisted nor bent. Never pull on the cable to disconnect the connector.



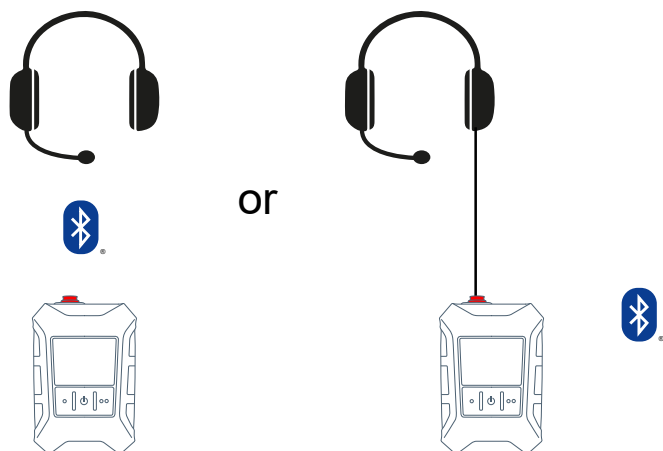
3 Introduction

The CT-DECT Multi M7 is a self-sufficient, portable DECT communication device. It enables the formation of and participation in DECT groups, where all participants can communicate latency-free with one another in full-duplex mode.

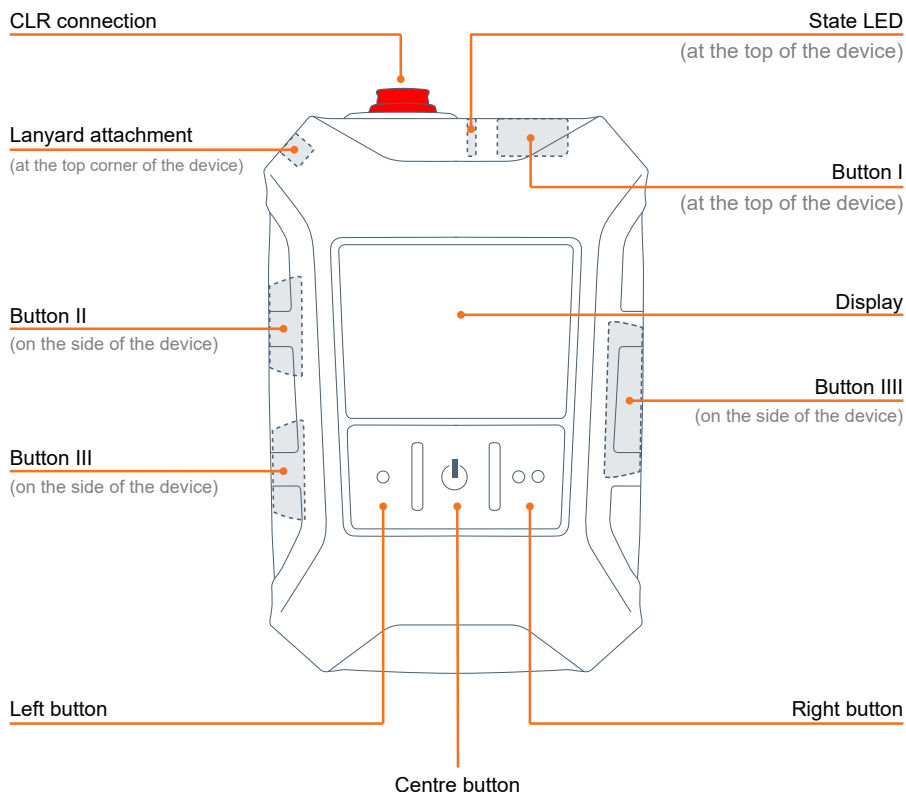
The CT-DECT Multi M7 is used together with a headset. The headset is connected to the device either via the CT-ComLink® R port at the top of the device or without cables using Bluetooth® technology.

Alternatively, you can use the Bluetooth interface to connect your device to a mobile phone.

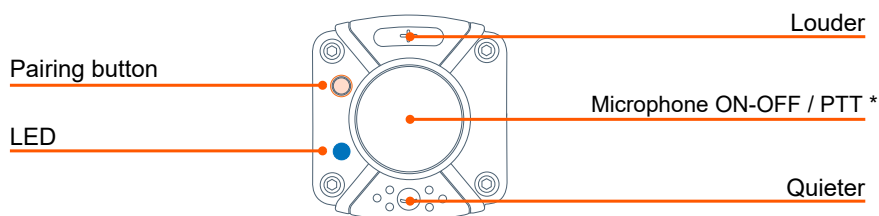
The device is operated using the buttons on the device and via a menu.



4 Operating elements and button assignment



CT-WirelessPTT



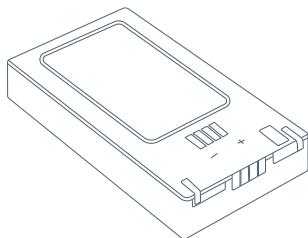
* You can select the desired assignment for the centre button of your CT-WirelessPTT in the main menu (see section "Switching the assignment of the CT-WirelessPTT")

5 Power supply

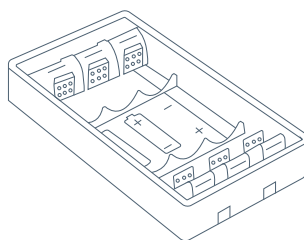
5.1 Basic information on the power supply

Your device is supplied with power by a VARTA EasyPack XL lithium-polymer rechargeable battery pack. Alternatively, you can use an AAA adapter, which accommodates either three AAA LR03 1.5 V alkaline batteries or three HR03 1.2 V NiMH rechargeable batteries.

VARTA EasyPack XL



AAA adapter



WARNING

Never mix batteries and rechargeable batteries in the AAA adapter. To avoid damaging the device, always use **either** batteries **or** rechargeable batteries in the AAA adapter.

NOTICE

When using the AAA adapter, you must set the battery type being used in the menu on your device (Setting the battery type [44])

5.2 Inserting the rechargeable battery pack / AAA adapter

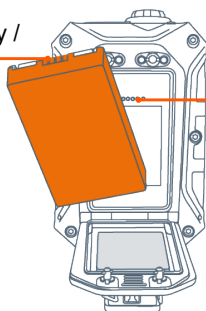
The battery compartment is located on the back of your device. It is closed by a cover secured by two twist locks.

1. Fold up the tabs on both twist locks and turn both twist locks 90 degrees anticlockwise. The cover is released automatically as soon as both twist locks are in the vertical position.



2. When inserting the rechargeable battery pack or the AAA adapter, make sure that the contacts on the rechargeable battery pack / AAA adapter are aligned with the contacts in the battery compartment of the device.

electrical contacts of battery /
AAA adapter



contacts in
battery compartment

3. Then fold the cover back up and turn the two twist locks 90 degrees clockwise to secure the cover.

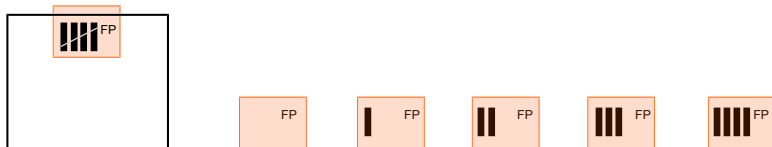
NOTICE

The battery compartment cover can only be closed and secured completely if the rechargeable battery pack / AAA adapter is inserted correctly.
Do not try to force the compartment shut.

6 Switching on the device

Press and hold the centre button until the display starts up. Once your device has booted up completely, the name of the currently selected profile appears on the display (Changing the profile ► 49]).

Once your device is on, all standard devices using it as their base station will find it automatically. For each subscribed standard device that has successfully identified your device as it's base station and connected to it, a vertical bar appears at the top of your device's display:



NOTICE

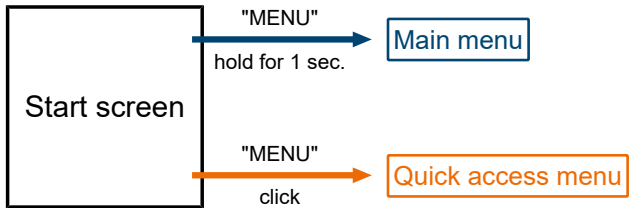
In order for standard devices to search for your device as their base station, these standard devices must first be subscribed to your device as their base station (DECT connection ► 19]).

7 Menu control

7.1 Menu structure

The menu on your device allows you to activate/deactivate important functions and carry out settings on your device.

In addition to the main menu, you will also find a quick access menu on your device (Quick access menu [► 18]). Both menus can be accessed from the start screen.



You can identify the start screen by the following features:

- The name of the currently selected profile is displayed.
- The centre button has the assignment "MENU".

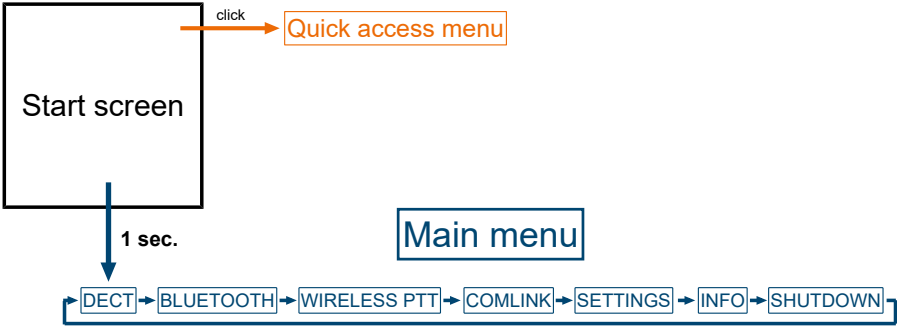
7.2 Main menu

7.2.1 Calling up the main menu – top-level menu

To call up the main menu, press and hold the centre button for approx. one second. The text on the display changes from the profile name to "DECT", the first menu item of the top-level menu.

The top-level menu consists of several menu items, each with its own sub-items. The menu is arranged in a circular structure: When you reach the last available menu item and continue to press, you will return to the first menu item.

You will find the menu items listed below at the top level. They provide access to all the available settings and operating options on your device:



7.2.2 Navigating the main menu

You can navigate the main menu using the left, the centre and the right button on your device. The buttons can have the following assignments with the following functions:

Centre button

Assignment	Function
MENU	Access menu
EDIT	Access selection of the available options / edit option
SELECT	Select displayed option
OK	Access menu item / exit menu item / confirm selected option

Left button

Assignment	Function
X	Exit menu item / exit main menu
-	Switch to the next lower value

Right button

Assignment	Function
->	Continue in main menu / next menu item / next option
+	Switch to the next higher value
<->	Switch between the options

NOTICE

The assignment of the buttons varies depending on the menu item and the situation. The current assignment is shown on the display directly above the respective button (Operating elements and button assignment)

7.2.3 Exiting the main menu / Returning to the start screen

To exit the main menu, press the button with the assignment "X" (Navigating the main menu [► 16]). Depending on the current level of the main menu, you may need to press the button several times.

As soon as the currently selected profile appears on the display, you have exited the main menu and returned to the start screen.

NOTICE

Your device automatically exits the main menu when the display times out.

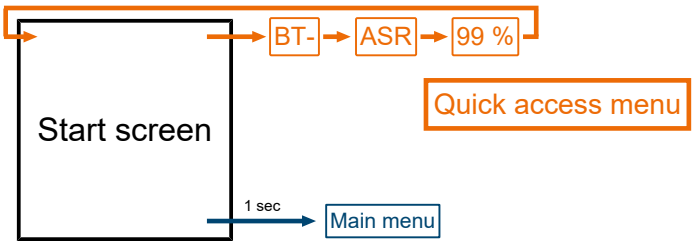
7.3 Quick access menu

The quick access menu provides easy access to important functions on your device relating to the hardware currently connected.

To open the quick access menu, press and immediately release the centre button while on the start screen of your device ("single click").

The first available tab in the quick access menu appears on the display. Use the centre button to scroll through the available tabs.

The quick access menu is arranged in a circular structure: When you reach the last available menu item and continue to press, you will return to the start screen of your device.



Depending on the hardware currently connected to your device, the quick access menu may include the following tabs:

Designation	Text on the display	Condition
Bluetooth tab	"BT - [name of the connected phone]"	Mobile phone connected
ASR tab	"ASR"	Headset with controllable ASR connected
IPP tab	Battery state of the IPP	IPP connected

8 DECT connection

8.1 Basic information on CT-DECT

CT-DECT enables wireless and latency-free full-duplex communication between two or more communication participants.

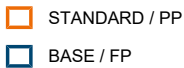
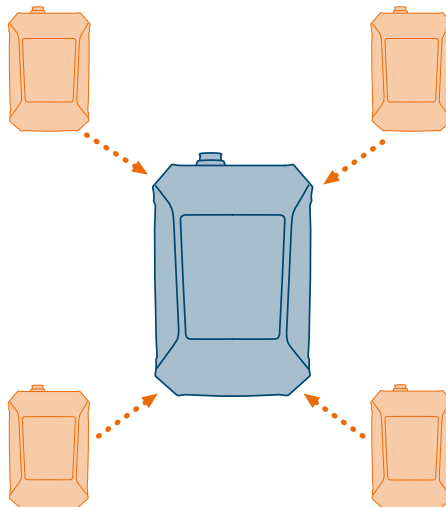
Communication usually takes place in groups where all participants can permanently hear all the other participants and can talk to the group without having to press a button.

A DECT group always consists of a base station, formed by a base device and at least one standard device. In this context, the base device that forms the base station is also referred to as the "Fixed Part" / "FP", whilst the standard devices of the group are referred to as "Portable Parts" / "PP".

Whether a CT-DECT Multi M7 can participate in a DECT group as a base device or a standard device depends on the selected profile (Changing the profile [► 49]):

- Only a device on which the STANDARD profile is currently selected can participate in a DECT group as the standard device (PP).
- Only a device on which the BASE profile is currently selected can be used as a base device (FP) and thus form the base station of a DECT group.

To set up a DECT group, the standard devices (PP) must be subscribed to the base station (FP) of the group.



8.2 Subscribing standard devices to the base station (forming a DECT group)

To subscribe a standard device (PP) to a base station (FP), you must carry out the subscription process on both devices.

Carry out the individual steps on both devices as simultaneously and as quickly as possible to avoid a time-out.

If you want to subscribe several standard devices to a base station, always subscribe the individual standard devices one at a time. Do not attempt to subscribe more than one device at a time.

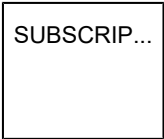
NOTICE

In addition to a CT-DECT Multi M7 with the BASE profile, a CT-DECT Case can also be used as a base station.

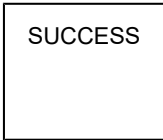
Proceed as follows to subscribe a standard device (PP) to a base station (FP):



1. Place both devices (the standard device and the base device) next to each other, fully charged and switched on.
2. On both devices, scroll to the menu item "DECT" at the top level of the main menu (Calling up the main menu – top-level menu [▶ 15] & Navigating the main menu [▶ 16]). Press the centre button on both devices.
3. "SUBSCRIPTION" appears on both displays. Press the centre button again on both devices.
4. The subscription process starts. Both devices indicate that the subscription process is in progress via a corresponding message on the display:



5. As soon as the subscription process has been completed successfully, a confirmation message appears on both displays and both devices confirm the successful subscription process via an ascending tone sequence.



6. Press the centre button on both devices to confirm the successful subscription process.

The standard device has now been subscribed to the base station and connected to it. You can tell that the connection has been established successfully by the signal level indicator at the top centre of the display. The level no longer rises and falls, but instead displays the current signal strength:



Subsequently repeat the subscription process with all standard devices that should participate in the DECT group of this base station.

NOTICE

If the subscription process is not completed successfully within two minutes, a time-out occurs. Confirm the time-out by pressing the centre button and, if necessary, restart the subscription process.

NOTICE

A DECT group with a CT-DECT Multi M7 (BASE profile) as the base station can consist of up to five participants (the base device itself plus a maximum of four standard devices subscribed to it).

When attempting to subscribe a fifth standard device to a CT-DECT Multi M7 (BASE profile) base station whilst four devices are already active, "CONNECTED" appears on the display of the base device.

NOTICE

Do not switch off any standard devices that have already been subscribed until you have subscribed all the desired standard devices. A standard device that is switched off may be overwritten by the next standard device during the subscription process!

9 VoiceControl

9.1 Basic information on VoiceControl

VoiceControl is used to control your device by voice. It enables you to operate certain functions of your device hands-free using a number of pre-defined commands.

NOTICE

You can only use VoiceControl with a headset suitable for full-duplex mode. The headset used must have a permanently active microphone.

Your device responds to the following voice control commands:

Command	Response of your device
„Voice Control“	Activates the voice control function
„Activate microphone“	Activates the microphone
„Mute microphone“	Deactivates the microphone

NOTICE

In the main menu, under "INFO" -> "VCTRL COMMANDS", your device provides an up-to-date overview of all the available voice control commands.

NOTICE

If you give a command that cannot be executed, the command will be rejected. Your device will signal that the request has been rejected with a low-pitched tone.

NOTICE

The voice control function only accepts one command per activation: Once you have given a command, you must reactivate the function (by saying the activation word or pressing / pressing and holding the relevant button) before you can give a new command.

9.2 VoiceControl: Operation

There are three options to activate VoiceControl and give your device voice commands:

Activating VoiceControl via an activation word

1. First, say the activation word "VoiceControl" into the microphone of your headset to activate the voice control function. Your device confirms activation with a short, ascending tone sequence.

NOTICE

Once activated, you have five seconds to speak the desired command into the microphone. If no command is given within five seconds, the voice control function is automatically deactivated (time-out). Your device confirms deactivation with a short, descending tone sequence.

2. Speak the desired command (Basic information on VoiceControl [► 22]) into the microphone of your headset. Your device confirms execution of the command acoustically. Refusal is also confirmed acoustically.

NOTICE

If you activate VoiceControl via the activation word, your voice signal facing the group will **not** be muted: This means that the other participants of your DECT group can hear you speaking the voice control commands.

Activating VoiceControl via a button

As an alternative to the activation word, you can activate the voice control function using button I.

1. Press and hold button I (Operating elements and button assignment [► 10]) for two seconds. Your device confirms activation with a short, ascending tone sequence.
2. Speak the desired command (Basic information on VoiceControl [► 22]) into the microphone of your headset.

NOTICE

When you activate the function using button I, your voice signal facing the group is muted for the duration of the voice command input, and the other participants of your DECT group **cannot** hear the spoken voice command.

Once the input is complete or the time-out has expired, the microphone facing the DECT group is automatically reactivated.

Activating VoiceControl via the CT-WirelessPTT

You can also activate the voice control function using your CT-WirelessPTT.

NOTICE

To use your CT-WirelessPTT to operate the voice control function, the centre button on the CT-WirelessPTT must have the assignment "VCTRL MANUAL" (Switching assignment of the CT-WirelessPTT [39]).

1. Press and hold the centre button on your CT-WirelessPTT. Your device confirms activation with a short, ascending tone sequence.
2. Press and hold the button and speak the desired command into the microphone of your headset. Your device confirms execution of the command acoustically. Refusal of the command is also confirmed acoustically.

NOTICE

When you activate the voice control function using the CT-WirelessPTT, your voice signal facing the group is muted for the duration of the voice command input, and the participants of the DECT group cannot hear the spoken voice command.
Once you release the centre button, the microphone facing the DECT group is reactivated.

10 Bluetooth® connection

10.1 Basic information on the Bluetooth connection

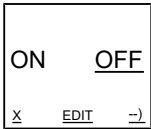
You can use the Bluetooth interface of your device either to use a wireless Bluetooth headset or to connect your device to a mobile phone.

Before you can use the Bluetooth interface of your device, you must activate the Bluetooth function in the menu on your device and set which Bluetooth device type you wish to use as a connection partner:

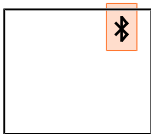
Activating the Bluetooth function



- 1. Scroll to the menu item "BLUETOOTH" at the top level of the main menu (Calling up the main menu – top-level menu [▶ 15] & Navigating the main menu [▶ 16]) and press the centre button.
The first sub-item of the menu item "BLUETOOTH" is displayed: the settings for activating and deactivating the Bluetooth function.



- 2. Press the centre button again to access edit mode for the menu item ("EDIT").
- 3. Use the right button to scroll from the "OFF" setting to the "ON" setting, then press the centre button again to confirm your selected setting.
A flashing Bluetooth logo appears on the display of your device to the left of the state of charge indicator:



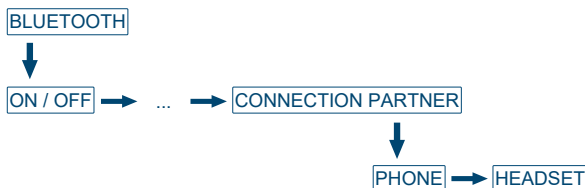
Your selection will be saved and restored during system start. The factory setting is "OFF".

Setting the Bluetooth device type of the connection partner

If you wish to use your device in conjunction with a mobile phone, select the "PHONE" setting. If you wish to connect a headset via Bluetooth, select the "HEADSET" setting.

NOTICE

If the wrong device type is selected, this may lead to problems during pairing or operation.



1. Scroll to the menu item "BLUETOOTH" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
2. Scroll to "CONNECTION PARTNER" and press the centre button to access the selection of available options. The currently selected option is underlined.
3. Use the right button to scroll through the available options and, when the desired option is displayed, press the centre button to select the option.

Your selection will be saved and restored during system start. The factory setting is "PHONE".

10.2 Pairing a headset

Proceed as follows to pair your device with a headset:

NOTICE

Before pairing your device with a headset, read the instructions for your headset and, when pairing, follow the instructions provided there for pairing the headset with another device.

BLUETOOTH



ON / OFF → PAIR

1. On your device, activate the Bluetooth function and select the Bluetooth device type "HEADSET" as the connection partner (Basic information on the Bluetooth connection [► 25]).
2. Set your headset to pairing mode (see instructions for the headset).
3. Scroll to the menu item "BLUETOOTH" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
4. Scroll to "PAIR" and press the centre button to start the pairing process. Your device will now start searching for available headsets for six minutes.
5. Your device displays all the headsets found. Use the right button to scroll to the desired headset and, when the desired headset is displayed, press the centre button ("SELECT") to start pairing. Your device displays the active pairing process.
6. If necessary, also confirm the pairing process on your headset.
7. Your device indicates that pairing has been successful and then exits the menu. The Bluetooth logo to the left of the state of charge indicator on the display of your device stops flashing and now lights up permanently.

The pairing remains in place even after system restart. As soon as you switch your device back on, your device will automatically try to connect to the paired connection partner.

NOTICE

Your device can only be paired with one connection partner (headset, mobile phone, etc.) at a time. As long as your device is already paired with a connection partner, the menu item "PAIR" is replaced by the menu item "CLEAR PAIRING".

To continue the current pairing process in such a case, first clear the old pairing (Disconnecting a headset / Disconnecting a mobile phone [► 32]).

10.3 Pairing a mobile phone

Proceed as follows to pair your device with a mobile phone:

NOTICE

Before pairing your device with a mobile phone, read the instructions for your mobile phone and, when pairing, follow the instructions provided there for pairing the mobile phone with another device.

BLUETOOTH



ON / OFF → PAIR

1. On your device, activate the Bluetooth function and select the Bluetooth device type "PHONE" as the connection partner (Basic information on the Bluetooth connection [► 25]).
2. Set your mobile phone to pairing mode (see instructions for the mobile phone).
3. Scroll to the menu item "BLUETOOTH" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
4. Scroll to "PAIR" and press the centre button to start the pairing process. Whilst your device remains in pairing mode for the next 30 seconds, the display will show the serial number of your device as the pairing name ("SELECT CTX...").
5. Search for your device (pairing name) on your mobile phone and start the pairing process with your device from your mobile phone. Your device displays a six-digit number as the passkey.
6. Press the centre button to confirm the passkey. If necessary, also confirm the passkey on your mobile phone.
7. To confirm successful pairing, the device name of the paired mobile phone appears on the display of your device. The Bluetooth logo to the left of the state of charge indicator on the display of your device stops flashing and now lights up permanently.

The pairing remains in place even after system restart. As soon as you switch your device back on, your device will automatically try to connect to the paired connection partner.

NOTICE

Your device can only be paired with one connection partner (headset, mobile phone, etc.) at a time. As long as your device is already paired with a connection partner, the menu item "PAIR" is replaced by the menu item "CLEAR PAIRING".

To continue the current pairing process in such a case, first clear the old pairing (Disconnecting a headset / Disconnecting a mobile phone [► 32]).

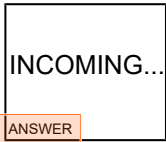
10.4 Making calls using a mobile phone connected via Bluetooth

Once you have paired and connected your device to a mobile phone (Pairing a mobile phone [► 28]), you can control the calls being made on that mobile phone using your device: You can, e.g., accept or reject incoming calls, integrate existing calls into your DECT group and end them.

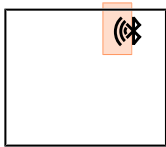
Accepting an incoming call

As soon as there is an incoming call on the mobile phone paired with your device, your device will notify you via a pop-up on the display and by voice output about the incoming call.

The assignment "ANSWER" appears above the left button.



Press the left button to accept the call. Rising and falling sound waves next to the Bluetooth icon on the display of your device indicate the existing call:



Rejecting an incoming call

As soon as there is an incoming call on the mobile phone paired with your device, your device will notify you via a pop-up on the display and by voice output about the incoming call.

The assignment "REJECT" appears above the right button.



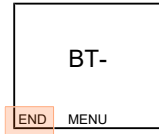
Press the button to reject the call.

Ending an existing call

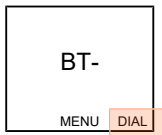
You can end an existing call via the quick access menu:



1. During a call, access the quick access menu from the start screen (Quick access menu [► 18]). In case of an existing call, the Bluetooth tab appears as the first tab in the quick access menu. The left button in this tab has the assignment "END".



2. Press and hold the left button until the assignment disappears (no text above the left button) and the assignment "DIAL" appears above the right button. The call has been ended.



Activating automatic call acceptance

If you activate automatic call acceptance, any incoming call on the mobile phone paired with your device will be accepted automatically, without you having to press a button.

BLUETOOTH



ON / OFF → ... → AUTO ACCEPT CALL

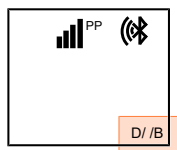
1. Scroll to "BLUETOOTH" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
2. Scroll to "AUTO ACCEPT CALL" and press the centre button to access the edit mode for the menu item ("OK").
3. Use the right button to scroll from the "OFF" setting to the "ON" setting, then press the centre button again to confirm your selected setting.

Your selection will be saved and restored during system start. The factory setting is "OFF".

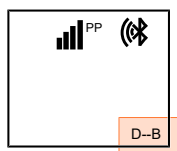
Integrating an existing call into the DECT group

If your device is part of a DECT group, you can integrate an existing call into the DECT group. All the participants (DECT group and phone) can then communicate with one another in full-duplex mode.

If your device is part of a DECT group, the right button has the assignment "D/ /B" during an existing call via a mobile phone paired with your device.



Press the right button to integrate the call into the DECT group. The assignment of the right button changes from "D/ /B" to "D—B".



Press the right button again to cancel integration of the call into the DECT group.

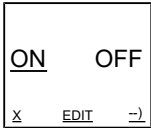
10.5 Disconnecting a headset / Disconnecting a mobile phone

Your device provides two options for disconnecting a headset or a mobile phone.

Deactivating Bluetooth



- 1. Scroll to the menu item "BLUETOOTH" at the top level of the main menu (Calling up the main menu – top-level menu [▶ 15] & Navigating the main menu [▶ 16]) and press the centre button.
The first sub-item of the menu item "BLUETOOTH" is displayed: the settings for activating and deactivating the Bluetooth function.

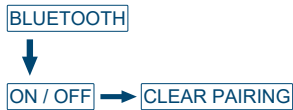


- 2. Press the centre button again to access edit mode for the menu item ("EDIT").
- 3. Use the right button to scroll from the "ON" setting to the "OFF" setting, then press the centre button to confirm your selected setting. Your device confirms disconnection by voice output.
The Bluetooth logo to the left of the state of charge indicator on the display of your device disappears.

NOTICE

If you deactivate the Bluetooth function, the connection to your paired device will be interrupted, but the pairing will remain active.
As soon as you reactivate the Bluetooth function, your device will automatically attempt to connect to a paired connection partner.

Clearing a pairing



- 1. Scroll to the menu item "BLUETOOTH" at the top-level menu (Calling up the main menu – top-level menu [▶ 15] & Navigating the main menu [▶ 16]) and press the centre button.
- 2. Scroll to "CLEAR PAIRING" and press the centre button to clear the pairing. Your device is disconnected and the pairing cleared. The device confirms disconnection by voice output.

11 Talking

11.1 Talking to the DECT group

Talking within the DECT group generally takes place in full-duplex mode. You do not have to press any buttons to talk to the group. This applies to all the participants in the DECT group using CT-DECT devices.

This is different when talking to a radio that is integrated into a DECT group. The majority of radios are designed for PTT operation and are not suitable for full-duplex mode.

NOTICE

Refer to the instructions for your radio to find out whether it is suitable for full-duplex mode.

NOTICE

Radios can only be integrated into a DECT group whose base station is formed by a CT-DECT Case. A CT-DECT Multi M7 used as the base station for a DECT group does not allow radios to be integrated into that DECT group.

11.2 Muting the microphone

The microphone on your device is switched on by default, so that all members of your DECT group can hear you.

Using button I (Operating elements and button assignment [▶ 10]), you can mute the microphone if necessary: Press the button to mute the microphone. Press the button again to cancel muting.

A microphone icon in the top-left corner on the display of your device shows the current state of the microphone when a headset is connected:

Microphone active



Microphone inactive



11.3 PTT: Talking to an integrated radio

Unlike CT-DECT devices, most radios are not designed for full-duplex communication. If such a radio is integrated in your DECT group, you can only talk to that radio using a PTT button (button III, Operating elements and button assignment [► 10]).

Press and hold button III as long as you are talking. The voice channel to the radio remains open only as long as you keep the button pressed.

NOTICE

If you talk to the DECT group whilst the microphone is active and without pressing the PTT button, all participants with CT-DECT devices will be able to hear you, but a participant with a radio integrated into the group will not.

NOTICE

Once you press the PTT button (button III), the microphone facing the DECT group will also be activated for as long as the button is pressed. Even if you have previously switched off the microphone using button I.

12 Listening

12.1 Volume control

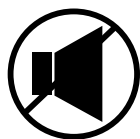
Using button II and button III (Operating elements and button assignment [► 10]), you can adjust the volume in six levels and mute the audio output.

- Louder: Press button II to increase the volume by one level.
- Quieter: Press button III to reduce the volume by one level.
- Muting: Press and hold button II for two seconds. Before actually muting the sound, your device will reduce the volume by one level.
- Cancelling muting: Briefly press button III. The device returns to the last active volume level.

NOTICE

Adjustments are always made the overall volume: This includes both incoming voice communication with other participants of the DECT group AND the volume of voice outputs and signals generated by your device.

The sound icon on the display of your device shows the current volume setting:



OFF



1-2



3-4



5-6

12.2 Acoustic shock protection

Acoustic shock protection helps to protect you from disturbing sounds caused by end devices. This function reduces the volume of disproportionately loud background noise (e.g. technical background noise, such as clicks during PTT, clicks when plugging in or signalling tones).

The greater the set protection, the more the background noise is muffled.

COMLINK



HEADSETNAME



...



ACOUSTIC SHOCK PROTECTION



LOW



MEDIUM



HIGH

NOTICE

The headset name is only displayed when a headset is connected to your device. If no headset is connected, an empty field appears instead of the headset name as the first menu item under "COMLINK".

1. Scroll to the menu item "COMLINK" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
2. Scroll to "ACOUSTIC SHOCK PROTECTION" and press the centre button to access the selection of available options. The currently selected option is underlined and displayed first.
3. Use the right button to scroll through the available options and, when the desired option is displayed, press the centre button to select the option.

Your selection will be saved and restored during system start. The factory setting is "MEDIUM".

13 Use of accessory products

13.1 CT-WirelessPTT

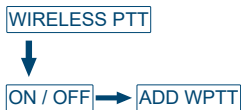
The CT-WirelessPTT is used for remote operation of your device.
It has three buttons with assignments designed to cover the most important functions of your device.

13.1.1 Connecting the CT-WirelessPTT

Before you can use the CT-WirelessPTT, you must connect your device to the CT-WirelessPTT:

NOTICE

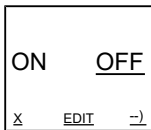
To operate the pairing button on your CT-WirelessPTT, use a blunt, narrow object that is not sharp (e.g. a bent-open paperclip or the tip of a ballpoint pen). Pointed or sharp objects can damage the pairing button!



1. Hold the CT-WirelessPTT close to your device and press the pairing button on the CT-WirelessPTT until the LED lights up blue.



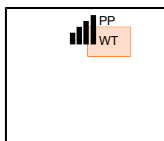
2. Take the your device, scroll to the menu item "WIRELESS PTT" at the top level of the main menu (Calling up the main menu – top-level menu & Navigating the main menu) and press the centre button.
The first sub-item of the menu item "WIRELESS PTT" is displayed: the settings for activating and deactivating the WirelessPTT function.



3. Press the centre button again to access edit mode for the menu item ("EDIT").

4. Use the right button to scroll from the "OFF" setting to the "ON" setting, then press the centre button again to confirm your selected setting. Your device exits the sub-item and starts the WirelessPTT function.

A flashing "WT" initially appears in the bottom right-hand corner of the signal level indicator on the display of your device:



5. Use the right button to scroll to the menu item "ADD WPTT", then press the centre button to start the pairing process.

Your device confirms successful pairing by voice output.

The CT-WirelessPTT confirms successful pairing with a brief green light.

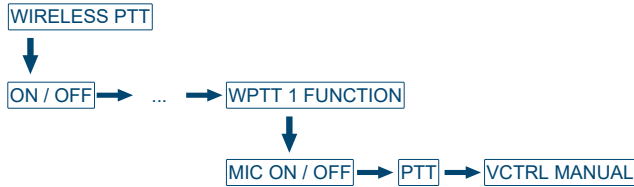
Your device is now paired and connected to the CT-WirelessPTT. The "WT" at the bottom right next to the signal level indicator on the display of your device stops flashing and now lights up permanently.

NOTICE

When actively paired with a CT-WirelessPTT, your device permanently monitors the connection in the background and notifies you by voice output in the event of an unintentional loss of connection ("WirelessPTT 1 disconnected") and when the connection has been successfully re-established automatically ("WirelessPTT 1 connected").

13.1.2 Switching assignment of the CT-WirelessPTT

You can choose from four assignment options for your CT-WirelessPTT. The only difference between the four options is the function of the centre button of the CT-WirelessPTT.



1. Scroll to the menu item "WIRELESS PTT" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
2. Scroll to "WPTT 1 FU'NCTION" and press the centre button to access the selection of available assignment options. The currently selected option is underlined.
3. Use the right button to scroll through the available options and, when the desired option is displayed, press the centre button to select the option.

Your selection will be saved and restored during system start. The factory setting is „MIC ON / OFF“.

MIC ON / OFF

With this assignment, the centre button on your CT-WirelessPTT has the same function as button I on your device: Press the button to mute the microphone of your device. Press the button again to cancel muting.

PTT

This assignment is used for communication with a radio: If a radio is part of your DECT group, you can, with this assignment, use the centre button on your CT-WirelessPTT to talk to that radio.

Press and hold the centre button and talk. If your microphone is currently in a latched mute state, this muting function will be deactivated for as long as you press and hold the centre button. Your DECT group can also hear what you are saying. As soon as you release the button, the microphone returns to its previously selected latched state.

NOTICE

Radios can only be integrated into DECT groups whose base station is formed by a CT-DECT Case. A CT-DECT Multi M7 used as the base station for a DECT group does not allow radios to be integrated into that DECT group.

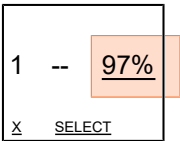
VCTRL MANUAL

With this assignment, you can use the centre button on your CT-WirelessPTT to operate the "VoiceControl" function (VoiceControl: Operation [► 23]-> Activating VoiceControl via the CTWirelessPTT) .

13.1.3 Querying the battery state of the CT-WirelessPTT



1. Scroll to the menu item "WIRELESS PTT" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
2. Scroll to "BATTERY STATE" and press the centre button. The current battery state of the connected CT-WirelessPTT is shown as a percentage at the centre right on the display.



NOTICE

If you press the centre button on your device again, the LED on your CT-WirelessPTT will flash red six times in quick succession.

The menu item "BATTERY STATE" is only available if your device is paired and connected to a CT-WirelessPTT.

13.1.4 Disconnecting the CT-WirelessPTT

Your device offers two options to disconnect your device from the CT-WirelessPTT.

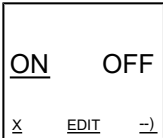
Deactivating the WirelessPTT function

WIRELESS PTT



ON / OFF

1. Scroll to the menu item "WIRELESS PTT" at the top level of the main menu (Calling up the main menu – top-level menu [▶ 15] & Navigating the main menu [▶ 16]) and press the centre button.
The first sub-item of the menu item "WIRELESS PTT" is displayed: the settings for activating and deactivating the WirelessPTT function.



2. Press the centre button again to access edit mode for the menu item ("EDIT").
3. Use the right button to scroll from the "ON" setting to the "OFF" setting, then press the centre button to select the setting. The device confirms disconnection by voice output. The "WT" at the bottom right edge of the signal level indicator on the display of your device disappears.

NOTICE

If you deactivate the WirelessPTT function in the menu, the connection to the CT-WirelessPTT will be interrupted, but the pairing will remain active. Subsequently, your device will automatically attempt to connect to the still paired CT-WirelessPTT each time the WirelessPTT function is activated.

Clearing the pairing to the CT-WirelessPTT

WIRELESS PTT



ON / OFF



CLEAR PAIRING

1. Scroll to the menu item "WIRELESS PTT" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
2. Scroll to "CLEAR PAIRING" and press the centre button. The name of the paired CT-WirelessPTT is shown on the display.
3. Press the centre button again to confirm clearance of the pairing for this CT-WirelessPTT.

The device confirms the disconnection by voice output.

NOTICE

As soon as the pairing is cleared, the "WT" at the bottom right edge of the signal level indicator on the display of your device starts to flash. The flashing indicates that the WirelessPTT function is still active, even if no CT-WirelessPTT is paired.

14 Further functions

14.1 Setting the battery type

If you are using your device with an AAA adapter (Basic information on the power supply [► 11], you must first set the battery type being used (alkaline batteries or NiMH rechargeable batteries) in the menu on the device.

WARNING

Never mix batteries and rechargeable batteries in the AAA adapter. To avoid damaging the device, always use **either** batteries **or** rechargeable batteries in the AAA adapter.

Proceed as follows to set the battery type:

SETTINGS



CT-VOICECONTROL → ... → BATTERY

1. Scroll to the menu item "SETTINGS" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
2. Scroll to "BATTERY" and press the centre button to access the selection of available options. The currently selected option is underlined.
3. Use the right button to scroll through the available options and, when the desired option is displayed, press the centre button to select the option.

Your selection will be saved and restored during system start. The factory setting is "NiMH".

14.2 Monitoring the battery

You can view and monitor both the general state and the state of charge of the battery used.

14.2.1 Viewing the current battery state in the menu

Proceed as follows to view the current state of the battery inserted in your device via the menu:



1. Scroll to the menu item "INFO" at the top level of the main menu (Calling up the main menu – top-level menu [▶ 15] & Navigating the main menu [▶ 16]) and press the centre button.
2. Scroll to the state of charge indicator of the battery ("EP xx %" or "APP xx %").
3. Use the centre button to switch between the state of charge indicator and the current battery state indicator ("BATTERY").

The battery can be in the following states:

Battery state	Description
NONE	No rechargeable battery pack / AAA adapter inserted
DETECTING	Battery type and state of charge are determined
DISCHARGE	Battery is being discharged
CHARGING	Battery is being charged
FULL CHARGED	Battery is fully charged
CHARGE ERROR	Error during charging (e.g. temperature too high / too low)
STANDBY	Battery is inserted, but not used
UNDERVOLTAGE	Battery voltage is too low; replace immediately
ERROR	Error; remove the battery, wait at least three seconds, then reinsert it.

14.2.2 Monitoring the battery state and state of charge via the state LED

You can also monitor the battery state of your device using the state LED (Operating elements and button assignment). Refer to section State LED to find out how to carry out the necessary settings.

The state LED then indicates the battery state as follows:

Colour of the LED	Behaviour of the LED	Corresponds to the state of charge	Corresponds to the state that can be viewed in the menu
White	Permanently on	/	NONE / STANDBY
Red	Flashes quickly	0 %	DISCHARGE / FULL CHARGED
Red	Flashes slowly	1 % - 4 %	DISCHARGE / FULL CHARGED
Red	Permanently on	5 % - 9 %	DISCHARGE / FULL CHARGED
Yellow	Permanently on	10 % - 32 %	DISCHARGE / FULL CHARGED
Green	Permanently on	33 % -100 %	DISCHARGE / FULL CHARGED
Blue	Pulsating	/	CHARGING
Cyan	Pulsating	/	PRE-CHARGING
Violet	Flashes quickly	/	UNDERVOLTAGE
Violet	Permanently on	/	CHARGE ERROR / ERROR

NOTICE

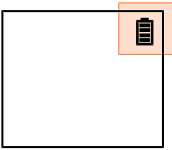
If the voltage of the battery is too low, the state LED flashes quickly in violet. To prevent the device from switching off in an uncontrolled way, it will shut down automatically in the event of undervoltage. "UNDERVOLTAGE" appears in the centre of the display, and a countdown is shown above the right button. You can close this by pressing the centre button. The countdown continues in the background.

NOTICE

When using an AAA adapter, you must select the battery type being used in the menu on your device to ensure the state of charge is calculated correctly (Setting the battery type).

14.2.3 Simplified state of charge indicator on the display

When the device is switched on, the state of charge is permanently shown in the top right-hand corner of the display as a battery icon. The fuller the battery shown, the higher its state of charge:



14.2.4 Acoustic battery warning

When the state of charge falls below 10 %, your device will output acoustic warnings:

- **Residual capacity 9 % - 1 %:** Announcement "Replace battery" every 5 minutes.
- **Residual capacity 0 %:** Triple tone + announcement "Replace battery" every 30 seconds.
- **Undervoltage:** Triple tone + announcement "Replace battery immediately" every 10 seconds.

NOTICE

To prevent the device from switching off in an uncontrolled way, it will shut down automatically in the event of undervoltage. "UNDERVOLTAGE" appears in the centre of the display, and a countdown is shown above the right button.

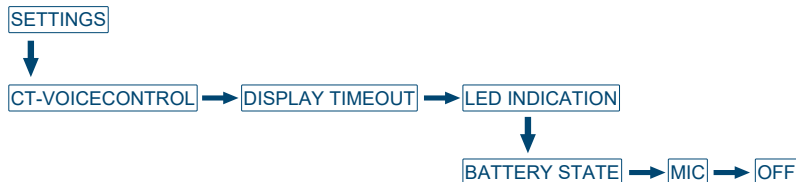
You can close this by pressing the centre button. Your device will then shut down immediately, without waiting for the countdown to end.

14.3 State LED

You can use the state LED on your device (Operating elements and button assignment [► 10]) to monitor the state of charge of your device or to display the microphone state. Alternatively, you can deactivate the state LED.

Your selection will be saved and restored during system start. The factory setting is "BATTERY STATE".

Proceed as follows to change the assignment of the state LED:



1. Scroll to the menu item "SETTINGS" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button.
2. Scroll to "LED INDICATION" and press the centre button to access the selection of available options. The currently selected option is underlined.
3. Use the right button to scroll through the available options and, when the desired option is displayed, press the centre button to select the option.

Using the state LED to monitor the state of charge ("BATTERY STATE")

If you select the "BATTERY STATE" option for the state LED, you can monitor the state of charge of your device by observing the behaviour of the state LED. Depending on the state of charge, the state LED changes colour and behaviour (Monitoring the battery state and state of charge via the state LED [► 46]).

Using the state LED to display the microphone state ("MIC")

If you select the "MIC" option for your state LED, the LED will indicate the current state of the microphone through its behaviour and colour:

- The state LED pulsates green: Microphone active
- The state LED pulsates red: Microphone deactivated

State LED deactivated ("OFF")

If you select the "OFF" option for your state LED, the LED will be deactivated.

15 Changing the profile

The profile defines the role that your device can play within a DECT group and, consequently, whether or not the associated functions are available or not. You can switch between two profiles on your device: STANDARD and BASE.

NOTICE

Switching the profile resets your device to its factory settings. Any user settings you may have carried out could be lost in the process.

Proceed as follows to switch the profile:

1. Switch off your device (Switching off the device ► 50]).
2. With the device switched off, press and hold the centre button and the right button simultaneously.
3. The display on your device starts up. Continue to press and hold both buttons and do not release them until "PROFILES" appears on the display.
4. Release both buttons and then press the centre button. You are now in the profile selection.
5. Use the right button to scroll through the available options and, when the desired option is displayed, press the centre button to select the option.
6. Subsequently press the centre button again to confirm your selection.
7. Your device boots up and is reset to its factory settings. If prompted to do so, press the centre button to confirm the reset.

16 Switching off the device

You have two options to switch off your device.

Switching off the device via the main menu

Proceed as follows to switch off your device via the main menu:

SHUTDOWN



CONFIRM

1. Scroll to the menu item "SHUTDOWN" at the top level of the main menu (Calling up the main menu – top-level menu [► 15] & Navigating the main menu [► 16]) and press the centre button to select the menu item.
2. Subsequently press the centre button again to confirm your selection.

Your device shuts down.

Switching off the device via the start screen (quick selection)

Proceed as follows to switch off your device via the start screen:

1. Return to the start screen (Exiting the main menu / Returning to the start screen [► 17]).
2. Press and hold the centre button until "SHUTDOWN" appears on the display (approx. five seconds).
3. Press the centre button again to confirm your selection.

Your device shuts down.

17 Maintenance and care

17.1 Inspecting devices

Routinely inspect the device, especially cables and connectors, for damage and wear and have damaged or worn components repaired.

17.2 Cleaning

Clean the device with a suitable cloth moistened with clean water. If necessary, use a mild-soap solution, e.g. washing up liquid, or the following cleaning agents:

- Sterilium® classic pure
- Sterilium® med
- Bacillool® plus

Clean the contacts of the connectors with a standard contact cleaning agent.

17.3 Repairs

Repairs can only be carried out by the manufacturer.

17.4 Storage

After use, store the cleaned device in a clean and dry place at normal room temperature and humidity. Preferably use a suitable carrying or storage bag.

The product is suitable for a storage temperature range of -40 °C to +80 °C.



CEOTRONICS AG

Adam-Opel-Str. 6
63322 Rödermark (Deutschland)

Tel: +49 6074 8751-0

Fax: +49 6074 8751-676-265

E-Mail verkauf@ceotronics.com