EN

CT-MultiPTT 1C

Product instructions

S-1C-07-001-EN
PSET-1C-US.STD-001
P-1C-VOLASR.NBT-001

CEOTRONICS
when it counts

Table of contents


GeoTronics

1 Safety notices

⚠ 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. Used to indicate useful information for efficient and safe use of the product.

2 Introduction

The CT-MultiPTT 1C is an control unit for connecting a headset and a communication device or intercom system.

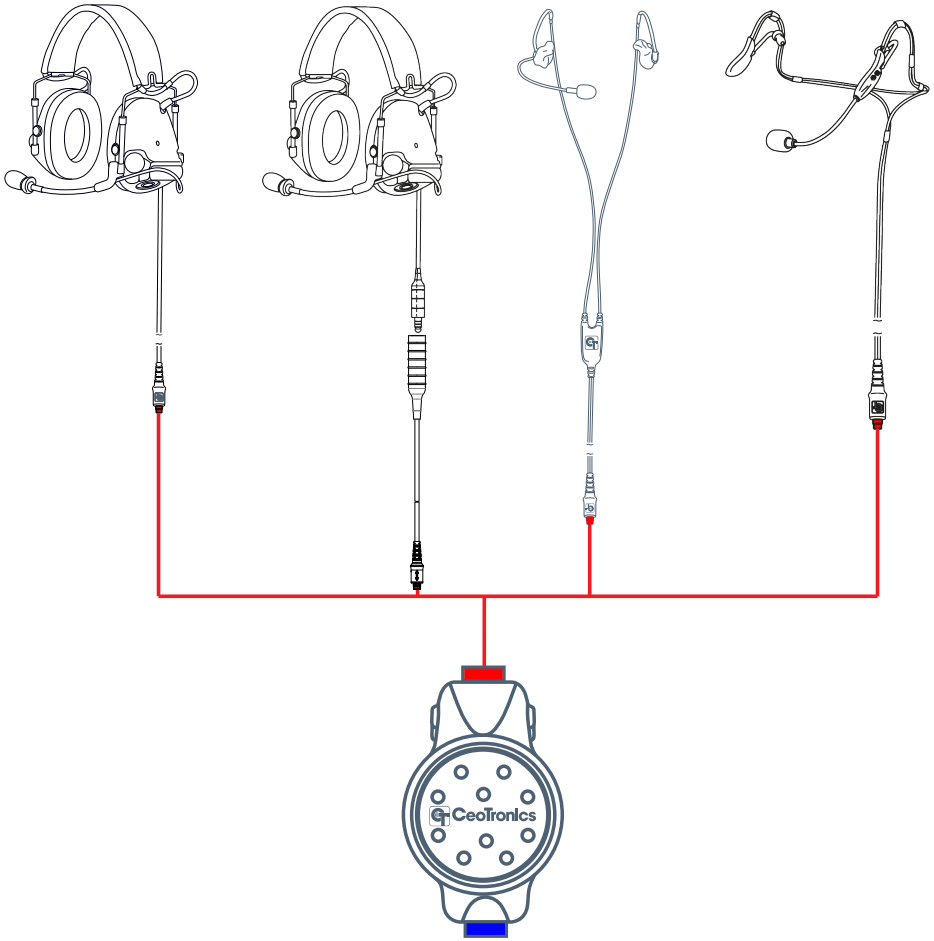
Control unit settings can be made via a menu with voice output (CT-VoiceMenu®).

3 Connection options

3.1 Connection to headsets

Various headsets approved by CeoTronics can be connected to the CT-MultiPTT 1C. The connection is made via the red CT-ComLink® socket (CLR).

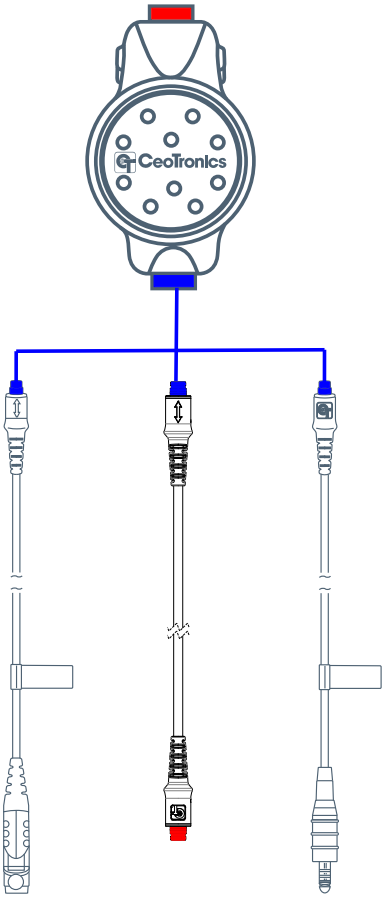
Examples



3.2 Connection to communication devices/intercom systems

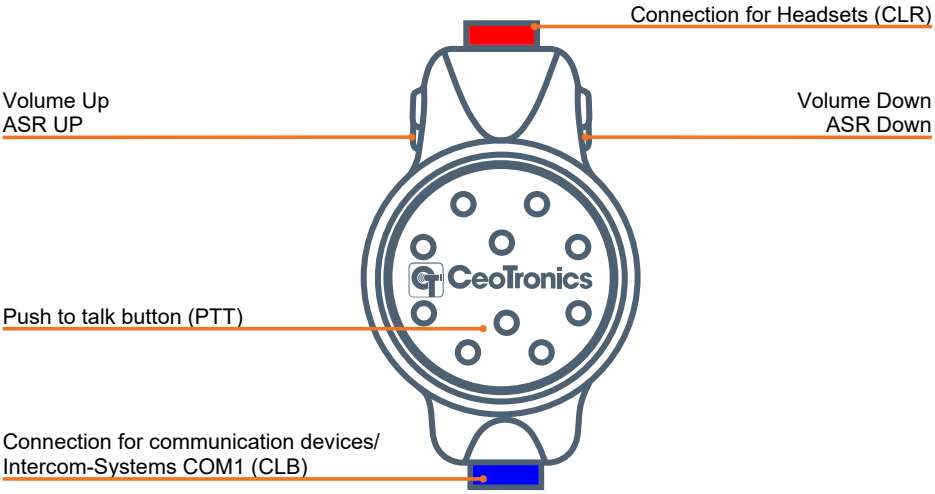
Various CeoTronics approved communication devices and intercom systems can be connected to the CT-MultiPTT 1C via adapter cables. The connection is made via the blue CTCom-Link® socket (CLB).

Examples



4 Operation

4.1 Operating elements

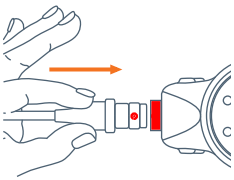


4.2 Plug connectors

Ensure careful handling of the plug connectors.

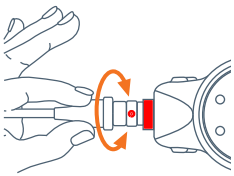
4.2.1 Connecting

Step 1



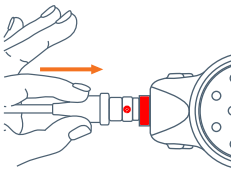
Place the plug on the socket. Make sure that the red dots on the plug and socket match.

Step 2



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

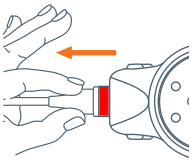
Step 3



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

4.2.2 Disconnecting

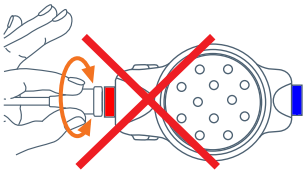
To release the plug grip it as close as possible to the socket:

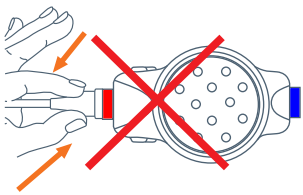


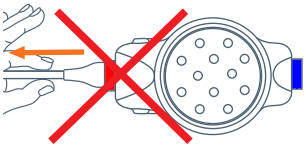
Avoid movements as shown in the following illustrations.

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.

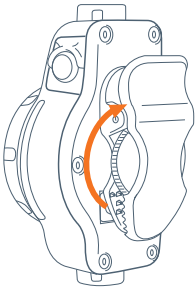






4.3 Fastening clip

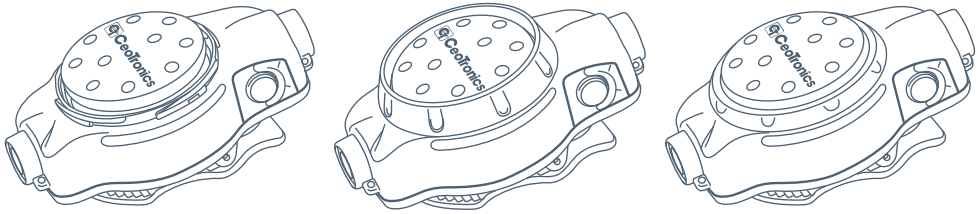
The CT-MultiPTT 1C is equipped with a fastening clip on the back. The clip can be rotated 360° and fixed with the knurled screw.



4.4 Protective rings

The CT-MultiPTT 1C is supplied with two protective rings. It can be used without a protective ring to enable easy activation of the PTT button. The flat protective ring offers some protection against accidental activation. The high protective ring offers the greatest level of protection against accidental activation due to its protrusion.

Both versions can be very easily exchanged and securely fastened by means of a bayonet catch. The CT-MultiPTT 1C can thus be individually adapted to the respective application.

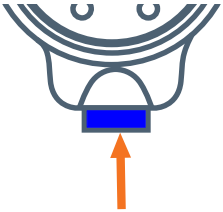


4.5 Power on

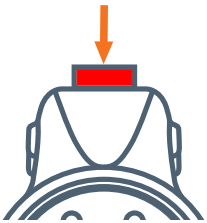
⚠ CAUTION

Risk of injury due to a high earpiece volume!
Do not set the volume higher than necessary. Very high volume settings can cause hearing damage, especially during continuous operation.
Wear additional earplugs at high volumes or noise levels.
If in doubt, consult your "occupational health and safety specialist" or your company doctor.

1. Connect a device with power supply capability (e.g. a radio, a CT-DECT Multi M7 or a CT-InlinePowerPack) to COM1.
   Switch on the device. If the connected device is a radio, set its volume to two thirds of the maximum level or less.



2. Connect the headset.
   Using the clip on the back, attach the CT-MultiPTT 1C to a suitable part of your clothing.



3. Put on the headset.
4. Switch on the communication devices to establish the power supply.
   The device starts and “CEOTRONICS” can be heard in the headset.
   The device is now ready for operation.

⚠ WARNING

Risk of injury from connection leads!
Ensure that the leads do not get caught up in operational machinery or wheels!

NOTICE

For operation, observe the operation manual of the radio manufacturer and the operation manual for the headset.

4.6 Power off

The CT-MultiPTT 1C is switched off by disconnecting the headset from the CLR connection.

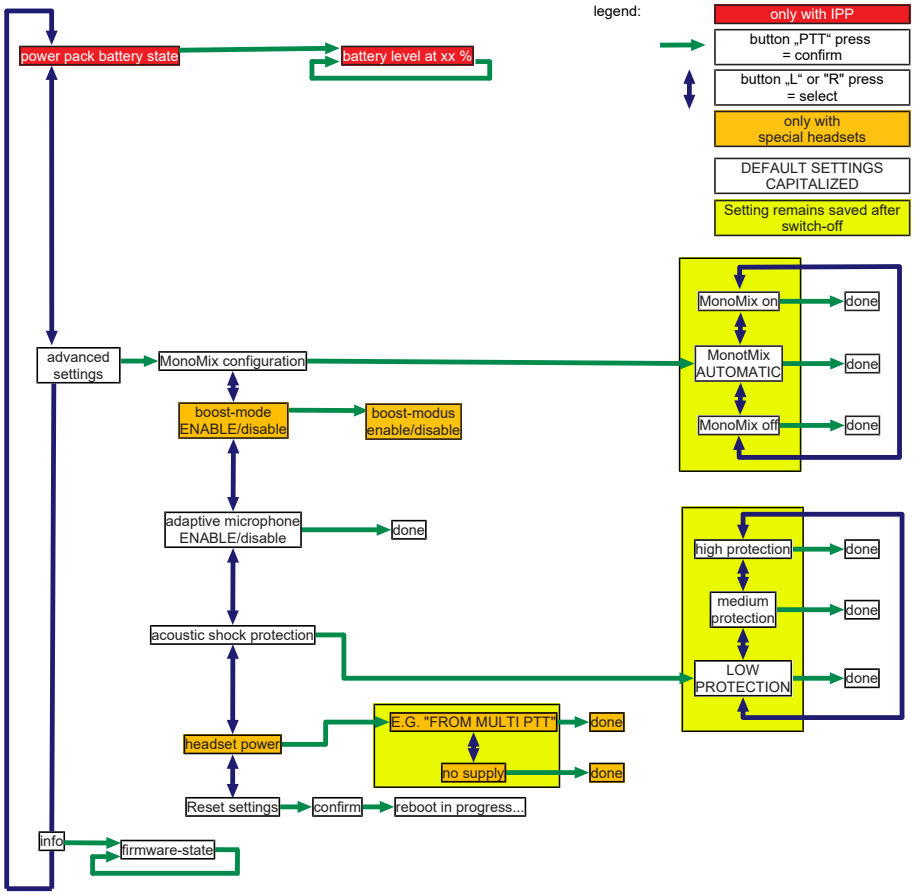
If a headset is used in conjunction with an adapter cable, the adapter cable must also be disconnected.

NOTICE

To preserve the batteries in the connected communication device or CT-InlinePowerPack, also disconnect them from the CT-MultiPTT 1C.

4.7 CT-VoiceMenu® (enter menu)

4.7.1 Overview

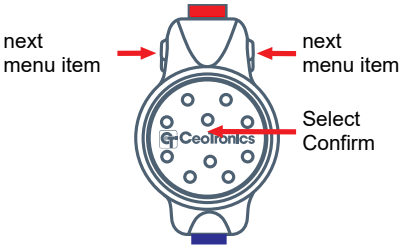


4.7.2 Start the voice menu

- Press the L and R function buttons simultaneously and hold them down until “Voice menu” starts.

4.7.3 Navigating in the menu

- You can use the L and R function buttons to switch between the individual menu items.
- You can confirm the selection of a menu item with the PTT button.



4.7.4 Exiting the enter menu

- You can exit the voice menu by pressing and holding the two function buttons L and R at the simultaneously.
- After 10 seconds without use (timeout), the voice menu is automatically closed.

4.8 Volume Control

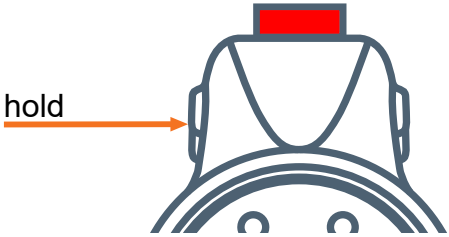
You can control the headset volume via the CT-MultiPTT 1C.

5 ASR control (ambient sound reception)

If you have connected a CeoTronics headset with ambient sound reception (ASR), you can control the function via the CT-MultiPTT 1C. To do so, use function button R.

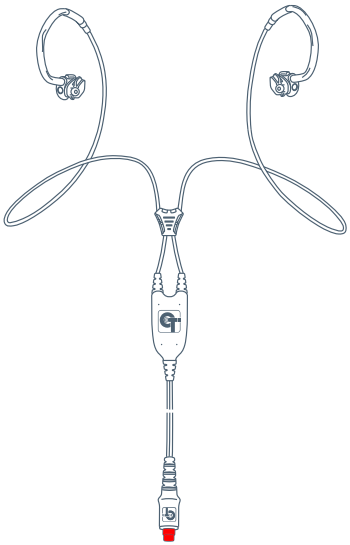
5.1 Activating the ASR control

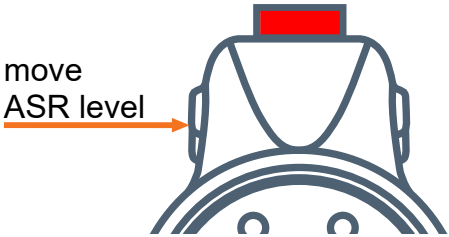
Press and hold function button R until you hear the voice message "AMBIENT SOUND".



5.2 ASR in combination with the CT-ClipCom Digital

The intensity of the ASR function of the CT-ClipCom Digital can be controlled in four levels. Press function button R repeatedly to move through the levels.





This is a ring circuit: Level 4 is followed by level 1.

Level	Signalling tones	Property
Level 1	1x long	ASR off
Level 2	1x short	ASR muffled
Level 3	1x short	ASR natural
Level 4	1x short	ASR boosted

When restarting the CT-MultiPTT 1C, level 3 ("ASR natural") is the default setting.

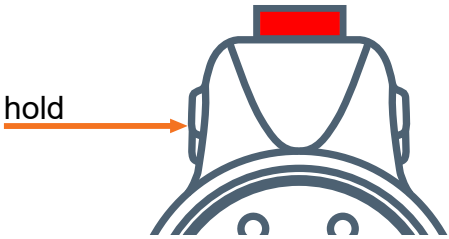
NOTICE

The ASR function is reset to level 3 after each restart. Any changes to this setting are therefore not saved permanently.

5.3 Ending the ASR control

After setting the required ASR function, you can end the ASR control.

Press and hold function button R until you hear the voice message "VOLUME".



Now you can adjust the volume again with function button R.

(See "Volume control of the CT-MultiPTT 1C")

NOTICE

Function button R is reset to the default setting after each restart. It is used for controlling the volume in the default setting.

6 Voice menu options

6.1 Advanced settings

In this menu item, you can access most of the setting options available on your device.
These are initially managed in the form of a submenu.

Select the “Advanced settings” menu item to activate the submenu:
The sub-items contained therein move to the first level of the voice menu.
At the same time, the “ADVANCED SETTINGS” announcement is deactivated.
When scrolling through the voice menu, the setting options from the submenu are now announced continuously alongside all other menu items on the first level.

The sub-items are available unitl you exit the voice menu.
If you then call up the voice menu again, the submenu is deactivated and you must reactivate it by selecting the “Advanced settings” menu item.

The following options are part of the submenu:

- MonoMix-Configuration [▷ 21]
- Boost-Mode [▷ 23]
- Adaptive microphone control [▷ 24]
- Acoustic shock protection [▷ 24]
- Headset supply [▷ 25]
- Info [▷ 25]
- Reset settings [▷ 25]

6.2 MonoMix-Configuration

The CT-MonoMix function allows you to mix or split the incoming audio signals from terminal devices to the left and right ear.

Together with the setting options described below, the stereo compatibility of the end device connected to port COM1 is decisive for the routing characteristics.

This menu item offers you the choice of the following settings:

-MonoMix on

-MonoMix off

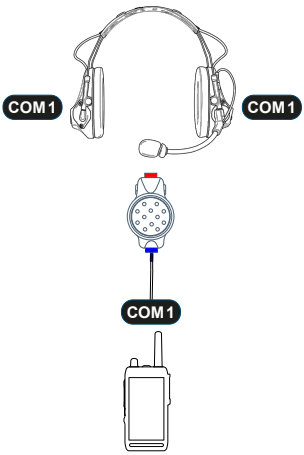
-MonoMix automatic

The “MonoMix automatic” setting is always active on delivery.

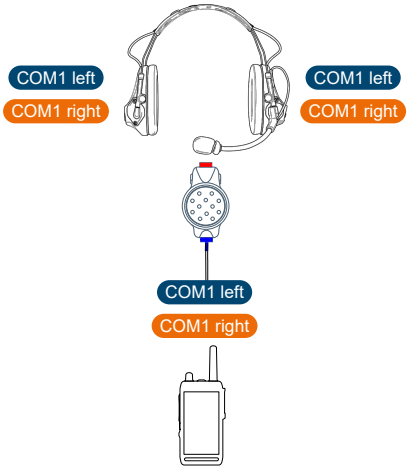
This menu item is only available if a stereo-compatible headset is connected, which enables separate routed on the left and right speaker.

6.2.1 MonoMix

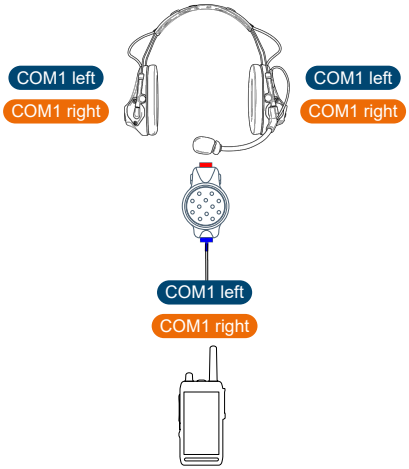
MonoMix on - Mono
The incoming audio signal is routed to both speaker.



MonoMix off - Stereo
Both incoming audio signals are routed simultaneously to both speaker.



MonoMix - Automatic
Both incoming audio signals are routed simultaneously to both speaker.



6.3 Boost-Mode enable/disable

You can enable or disable boost mode in this menu item.

Boost mode amplifies incoming communication for output via a compatible headset.

The aim of boost mode is to partially compensate for any loss of quality in voice communication caused by increased hearing protection - especially if earplugs are required in addition to the headset to ensure adequate hearing protection (“double hearing protection”).

Boost mode only remains enabled until the next system start.

This menu item is only available if a compatible headset is connected.

6.4 Enable/disable adaptive microphone control

In this menu item, you can enable or disable the adaptive microphone control.

The adaptive microphone control helps to output the spoken word at a constant volume even if the distance between the lips and the microphone fluctuates.

If, for example, the microphone moves further away from your lips than recommended for a short time, the adaptive microphone control amplifies the quieter signal input before outputting it to the other communication participants.Besser: It can also be helpful in situations that call for especially quiet speech — even whispering.

6.5 Acoustic shock protection

The acoustic shock protection is used to protect you from disturbing noises by reducing the volume of disproportionately loud noises (e.g. technical background noises such as clicks during PTT, clicks when plugging in or signaling tones).

You can adjust the acoustic shock protection in this menu item. You can choose from three levels: low - medium - high.

Your selection is saved and restored the next time the system is started.

6.6 Headset supply

In this menu item, you can deactivate the power supply of a connected headset from your device (announcement “NO POWER”) or re-enable it
(Announcement “FROM MULTIPTT”).

Disabling is only possible with certain headsets. The menu item is only available if a compatible headset is connected.

Your selection will be saved and restored the next time the system is started.

The supply is enabled by default, after you have reset the settings.

6.7 Info

In this menu item, you can call up the version of the software package installed on your device.

6.8 Reset settings

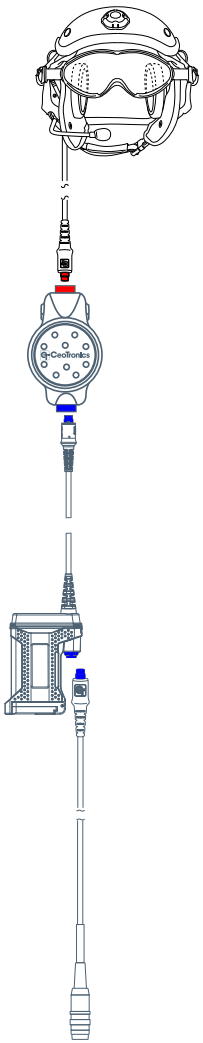
In this menu item, you can reset all the settings you have changed.
This also resets the settings that are retained after a system shutdown.

7 Power supply

The CT-MultiPTT 1C is supplied with power by a communication device or optionally by the CT-InlinePowerPack, via the COM1 interface.
The CT-MultiPTT 1C starts only after a power-supplying device (e.g. a radio, a CT-DECT Multi M7 or a CT-InlinePowerPack) and a headset have been connected.

7.1 Operation with CT-InlinePowerPack

If a power supply via a communication device is not possible, the CT-InlinePowerPack can be optionally used. The state of charge of the CT-InlinePowerPack is monitored via the CT-MultiPTT 1C and can be queried manually via the enter menu. Refer to the operation manual for the software profile. For more information on the CT-InlinePowerPack, refer to the operation manual dok1860.



8 Maintenance and care

8.1 Inspecting devices

Routinely inspect your CEOTRONICS device for damage and wear and have them repaired, if necessary.

8.2 Cleaning

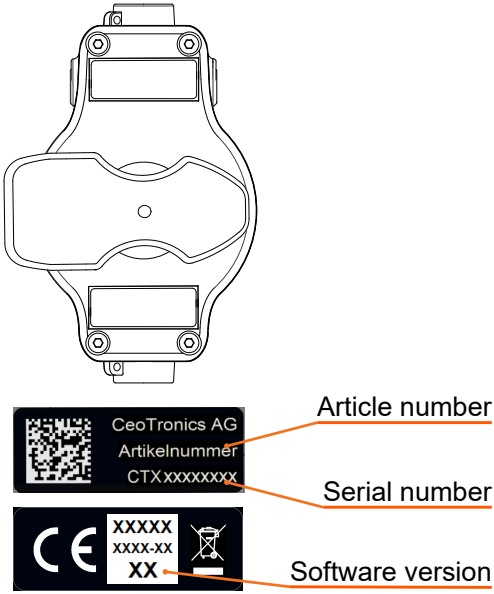
Clean your CEOTRONICS device with a suitable cloth moistened with clean water. If necessary, you can also use a mild soap solution, e.g. in the form of a hand dishwashing detergent or the following cleaning agents:

- Sterillium® classic pure
- Sterillium® med
- Bacillol® plus

9 Abbreviations and terms

Abbreviation/term	Explanation
CLB	CT-ComLink® B B = blue is usually used to connect a communication device or the CT-InlinePowerPack
CLR	CT-ComLink® R R = red is usually used to connect a headset
PTT	Push-to-Talk

10 Labeling


CeoTronics AG
Artikelnummer
CTXxxxxxxx
Article number
Serial number
XXXXX
XXXX-XX
XX
Software version

Notes

Notes

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