

EN

# CT-DECT Headset M7

for Plasser und Theurer S-7.5.42A

## Product instructions



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# 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 Description

The headset is a sending/receiving device for wireless duplex voice communication over short distances and is based on DECT radio technology.

The range between the CT-DECT devices (Base/FP and Standard/PP) depends on local conditions.

Maximum range is achieved in open terrain conditions where there is visual contact. Environmental influences such as mountains, buildings, trees, weather, obstacles (especially metal) and body attenuation of systems worn on the person can reduce the range.

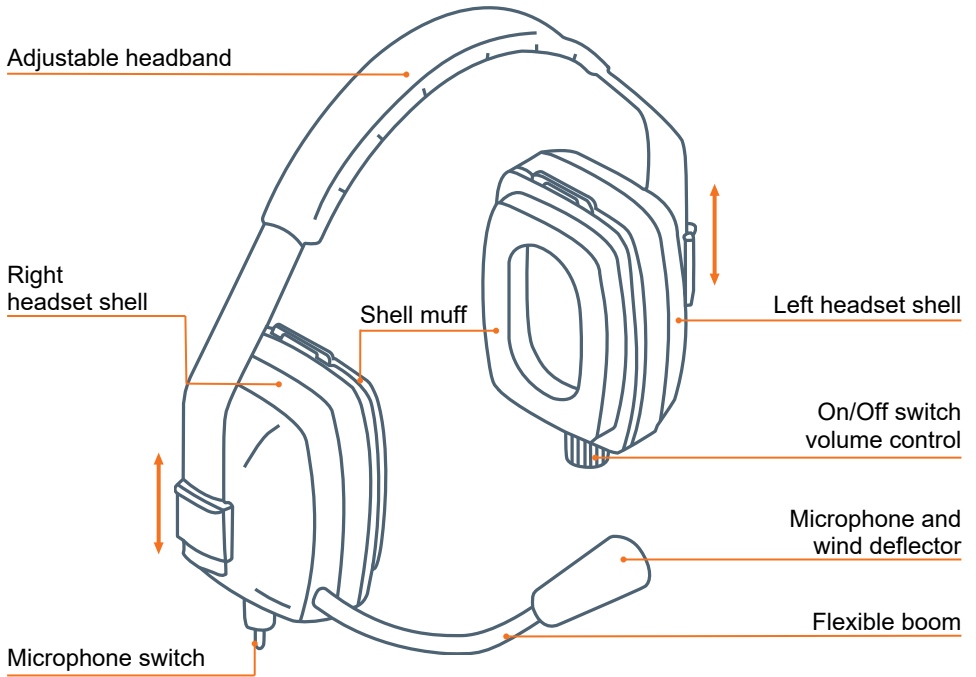
If the range limit is exceeded, this is signalled to the headset wearer by an acoustic signal in the headset.

### 2.1 Compatibility

#### NOTICE

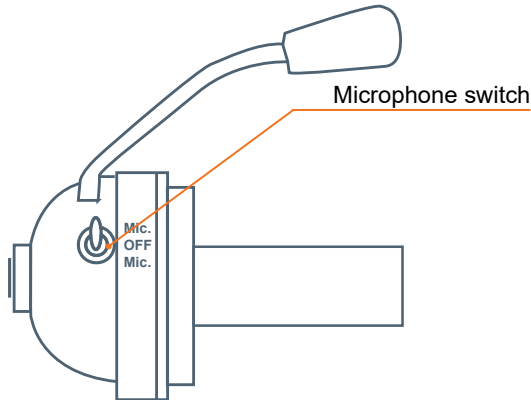
The headset (designation "S-7.5.42A") is part of a wireless communication system with corresponding base as remote station. The matching remote station is a CT-DECT Multi M7 with one of the following designations: "S-7.5.41A", "S-7.5.41B", "S-7.5.41C". Compatibility with other components cannot be guaranteed.

## 2.2 Layout



## 2.3 On/Off switch for microphone

The microphone can be switched on and off with the “Mic.–OFF–Mic” switch on the bottom of the right headset shell. Three switch settings are possible. However, communication is only possible after a connection has been established.



### Middle setting “OFF” (receive):

The headset microphone is switched off. You can only receive.

### Forward switch setting “Mic.” (send and receive):

The headset microphone is switched on. You can speak into the microphone for as long as you hold the switch in this position. After releasing the switch, it returns to the middle position “OFF”.

### Rear “locked” switch setting “Mic.” (send and receive):

The headset microphone is permanently switched on. You can speak into the microphone and receive speech at the same time.

## 2.4 Side tone

Successfully sending with an activated microphone is signalled to the user via a side tone. This side tone repeats the user’s speech in the speaker. When a connection is established, this is only audible while sending. This provides a constant check of whether a connection is established and sending is actually taking place.

## 3 Start-up and operation

### 3.1 Putting on the headset and adjusting the microphone

#### NOTICE

Before using the headset for the first time, the rechargeable battery pack must be fully charged (approx. 4 hours).

Put the headset on. Adjust the headset shells by moving the headband so that the shell muffs enclose the ears well and the headband lies across the middle of your head. This ensures the best level of noise attenuation.

For hygiene reasons, we recommend using washable sweat absorbers made from cotton on the headset.

These are pulled over the shell muffs and make the headset more comfortable to wear.

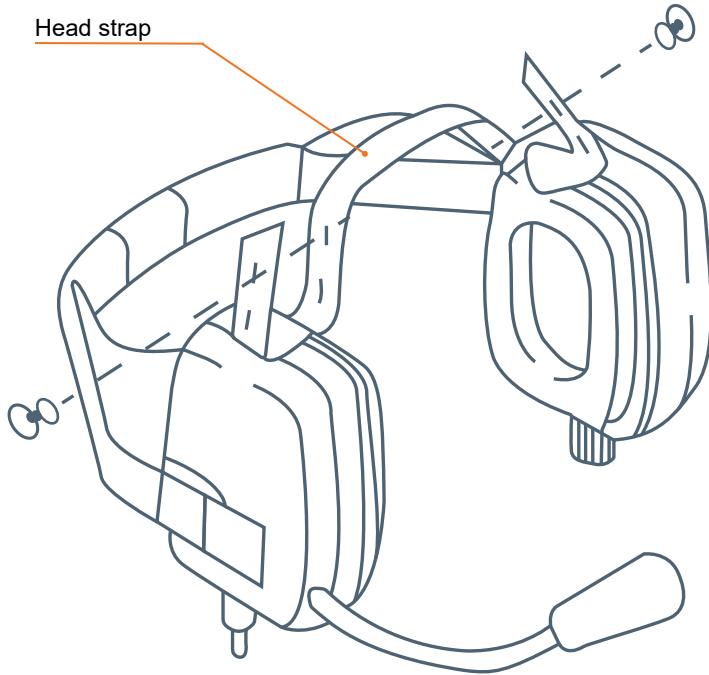
#### NOTICE

Do not “twist” the flexible boom. Do not carry the headset by the boom. Use the microphone only with a wind deflector.

Adjust the flexible boom so that the microphone is about 5 mm in front of your lips. This ensures optimal voice transmission with the best possible sound compensation.

### 3.2 Wearing the headset with an additional head strap

If making rapid head movements or extreme body positions, or when also wearing a safety helmet, the headset can additionally be fixed in place on your head with the head strap. Put on the headset, push the headband backwards and wear it as a neckband. Ensure the head strap and neckband cannot move.



## 3.3 Subscription

### 3.3.1 General

#### NOTICE

As a general rule, CT-DECT Standard (PP) devices only need to be subscribed to a CEDECT Base (FP) device the first time a CTDECT system is put into use or when individual CT-DECT devices are replaced, e.g. after repairs.

A CT-DECT device with the network role “PP” can only ever be subscribed to one CTDECT device with the network role “FP”, never to two or more at the same time.

Two CT-DECT devices with the network role “PP” can never be subscribed to a CT-DECT Base (FP) at the same time, but only ever one after the other.

Keep to the sequence of operating steps.

### 3.3.2 Principle of subscription

Each device is equipped with a CT-DECT module and has its own identification number. An allocation between the base (FP) and the mobile users (PP) must always be made the first time. This one-off subscription procedure is done on the base and the mobile users (PP) manually by means of an operating procedure.

The maximum number of users per base is limited and depends on the number of DECT modules used. Four users per DECT module are possible.

If another user is subscribed, the first user subscribed—who does not have an active connection—will be deleted from the data base. Only users without an active connection can be deleted. If all users have an active connection to the base, it is not possible to subscribe another user.

A headset (PP) deleted from the database can no longer communicate with the system and must be subscribed to the base again in accordance with the subscription instructions.

Once the subscription procedure has been successfully completed, the identity of the communication partner is saved in the data memory of the device. The headset (PP) can save one base (FP). The base (FP) saves the last successfully subscribed headsets (PP).

### 3.3.3 Subscription

Ensure that the headset to be subscribed is switched off. Pull the shell muff off the left headset shell. The subscription button is located in the shell ring of the headset.

Put the base (FP) in subscription mode, then continue immediately with the next step to avoid a timeout.



Press and hold the subscription button on the headset. While holding the subscription button pressed, switch on the headset with the On/Off button and volume control. After the headset switches on, keep the subscription button pressed for at least another 2 seconds until you hear a falling sequence of tones. Then release the subscription button.

Subscription has started and a short, high signal tone can periodically be heard in the headset approx. every 2 seconds. Following successful subscription, you will hear a rising sequence of tones.

The devices automatically establish a connection with each other – even after being turned off and on again.

## NOTICE

The headset can only be subscribed to a CT-DECT Multi M7 with one of the following designations: “S-7.5.41A” , “S-7.5.41B” , “S-7.5.41C”.

## Cancelling subscription

The subscription procedure can be cancelled by pressing the subscription button again. The cancellation is confirmed by a low tone.

If the subscription procedure is cancelled due to an error, the cancellation will be signalled by a sequence of 3 tones.

If the subscription procedure is cancelled, the headset attempts to establish a connection with the previously connected base.

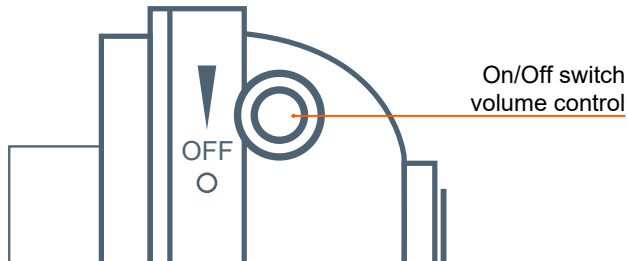
## Timeout

If there has been no successful subscription within max. 2 minutes of starting the subscription procedure, there will be a "timeout". The "timeout" is signalled by a sequence of 2 short, low tones in the headset.

### 3.4 Switching on and automatic connection

Make sure that the headset is subscribed to the base station.

Switch the headset on with the On/Off switch and volume control.



Next, a connection is automatically established between the headset and base, which can take a short while. After a few seconds, a tone in the headset indicates that the headset and the other end are in sync. Once the connection has been established, a tone can be heard in the headset. The headset and base are now ready for duplex communication within the range of the headset to its base station. In case of a faulty voice connection, a falling double tone can be heard in the headset.

## NOTICE

For information on start-up and operation of the other end use the specific CEOTRONICS manual.

### 3.5 Communicating

Following automatic establishment of the connection, the mobile communication users can talk to one another. The user with the headset can speak via the microphone of the headset and hear what other speakers are saying through the speakers in his headset (duplex communication). To speak, the headset microphone must be switched on. All users can hear announcements received via the base station.

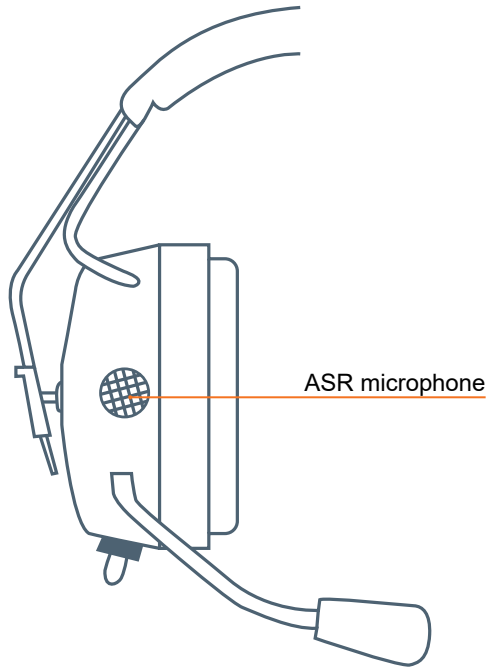
For voice reception, set the speaker volume for your headset using the On/Off switch.

### 3.6 Range warning

When exceeding the range limit, a double tone sequence sounds in the headset. The connection is dropped. When the headset returns within reception range, the connection is automatically re-established. In the headset, the user first hears a high double tone followed by a high tone which signals that connection has been re-established.

### 3.7 Ambient sound reception (ASR)

With ASR, ambient sounds can be picked up by a second microphone on the front of the right headset shell and heard through an ASR earpiece in the right headset shell.

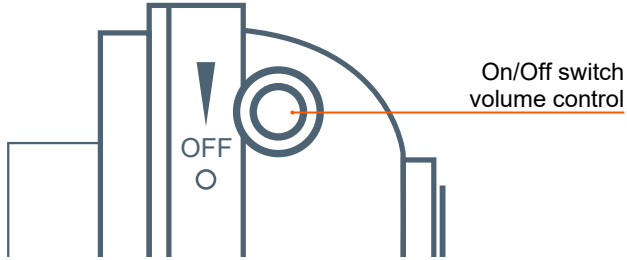


Ambient sound reception remains active even during voice communication.

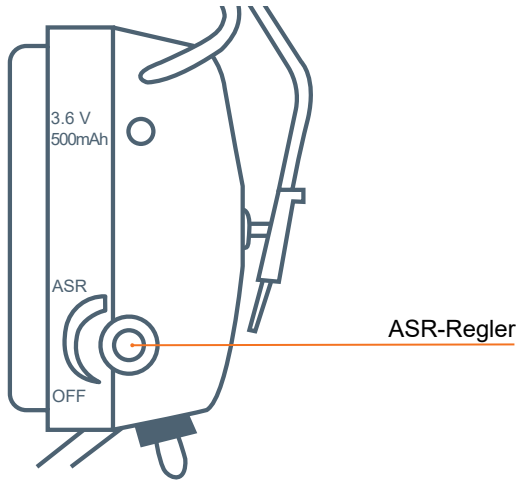
When ambient noise levels are high, the sound level emitted by the ASR speakers in the headset ear cups toward the ear is electronically limited. However, the headset's overall sound insulation is limited to the passive insulation provided by the headset shells.

### 3.8 Switching off - end of operation

Switch the headset off with the On/Off switch and volume control (switch setting "OFF") to save the headset battery. Recharge the headset battery pack.



Also switch off the ambient sound reception with the ASR control to prevent the headset battery from discharging.



## NOTICE

The headset is only completely switched off when both controllers are switched off.

## 4 Power supply and operating time

### 4.1 Charging the batteries

#### **WARNING**

Always switch the headset off before charging the battery.

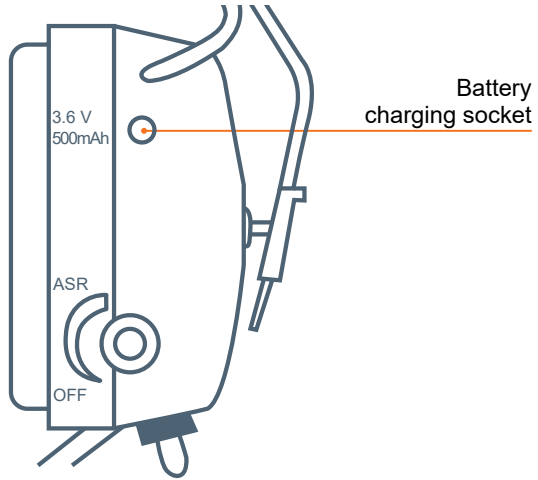
#### **CAUTION**

Never use battery chargers to charge nonrechargeable batteries. Never open batteries or throw them into fire. Consumed (defective) batteries must be disposed of correctly. Do not dispose of in household waste!

#### **CAUTION**

Only use a CEOTRONICS charger to charge the NiMH rechargeable batteries 3.6 V/2300 mAh in the headset. The use of other chargers can result in damage to the rechargeable batteries.

The battery charging socket is located on the right headset shell. Follow the special CEO-TRONICS operating instructions for the charger.



Power supply	Operating time
NiMH rechargeable battery 3.6 V/approx. 2300 mAh (in the right headset shell)	Approx. 20 hours max. (depending on the ambient temperature and the intensity of use)

## 4.2 Battery monitoring

When the battery is running low, a sequence of three deep tones will be heard periodically in the headset. The lower the battery level, the more often the warning is heard. If the battery is running low when the headset is switched on, the warning signal will sound after 10 seconds.

# 5 Maintenance

## 5.1 Visual inspections

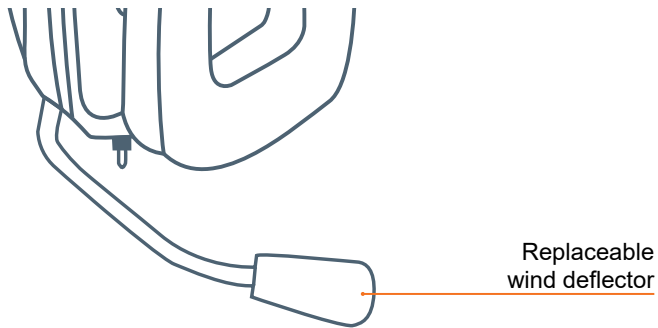
Examine the headset shells and especially the shell muffs regularly for signs of breakage, tears and wear. Replace the headset if the headset shells are damaged and send them to CEOTRONICS for repair.

Replace damaged and worn shell muffs, in any event after a maximum of 6 months of use.

## 5.2 Cleaning

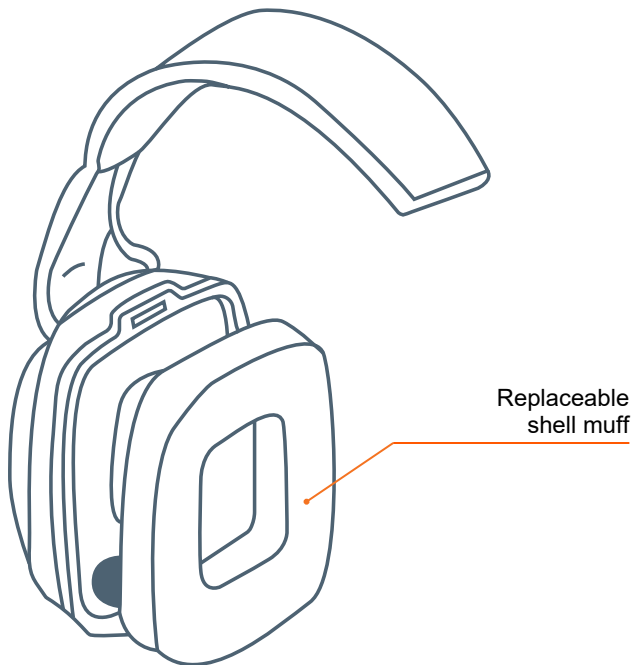
Do not use solvents or alcohol for cleaning. Clean your CEOTRONICS device with a suitable cloth moistened with clean water. If necessary, use a mild soap-solution, e.g. washing up liquid. Use only alcohol-free disinfectants. Clean the contacts of the plug connectors with a commercially available contact cleaning agent.

## 5.3 Replacing the microphone wind deflector



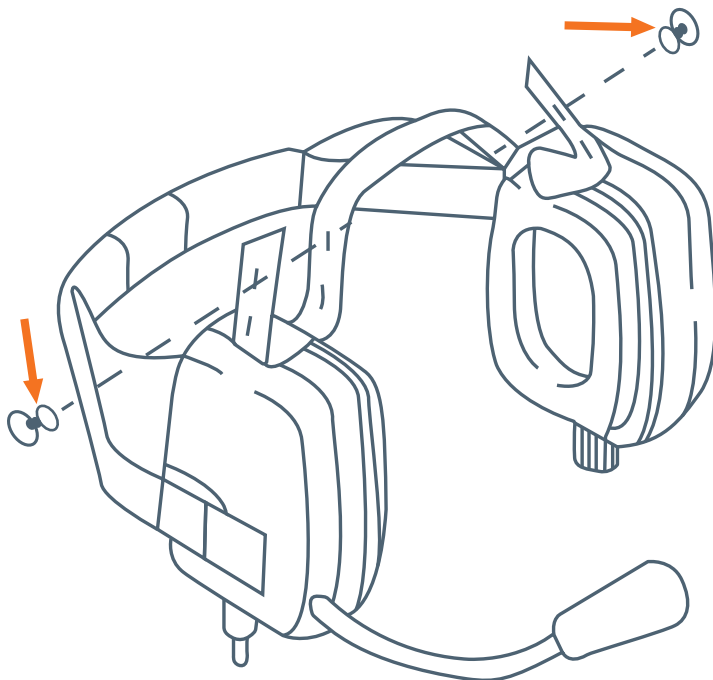
Pull the wind deflector off the microphone and replace it.

## 5.4 Replacing a shell muff



Pull the shell muff off the headset shell and replace it. Ensure that the new shell muff clicks fully into place.

## 5.5 Replacing the head strap



Remove both holders and then pull the head strap out of the slots in the headset shells. Fit the new head strap.

## 5.6 Accessories and consumables

<b>Designation and description</b>	<b>Art. no.</b>
Carry bag for headset, colour grey	40 35 030
Charger for CT-DECT headsets with NiMH rechargeable battery packs 3.6 V / 2300 mAh	40 06 547
Shell muff, 2 pieces	50 00 501
Microphone wind deflector, 10 pieces	50 02 201
Comfort set consisting of 25 pairs of washable, cotton sweat absorbers	40 10 025
Head strap including two holders	50 00 707

## 6 Storage

Keep the cleaned device clean and dry and store at normal room temperature and in normal humidity levels.



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