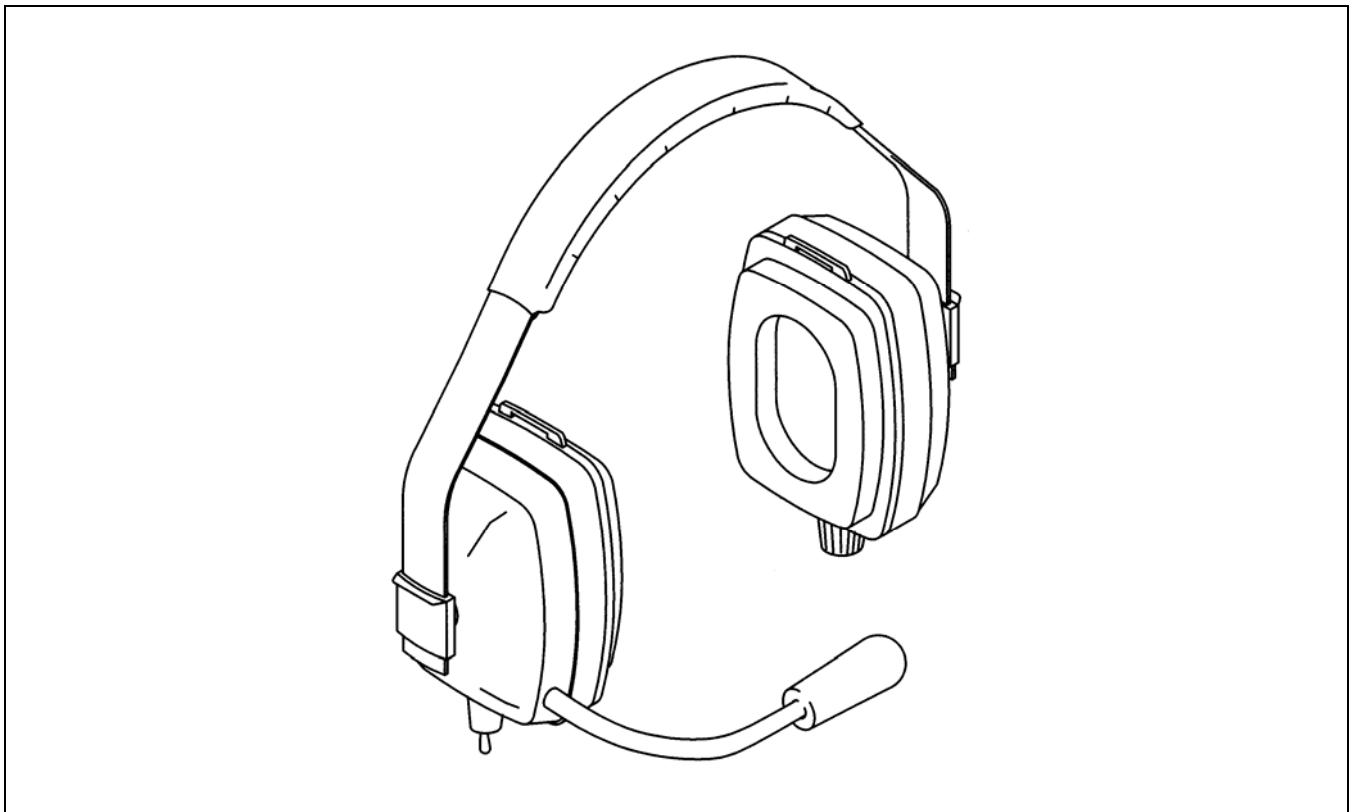


CT-DECT • CT-GateCom (USA)

Transmitter/Receiver Headsets for Wireless Duplex Communication

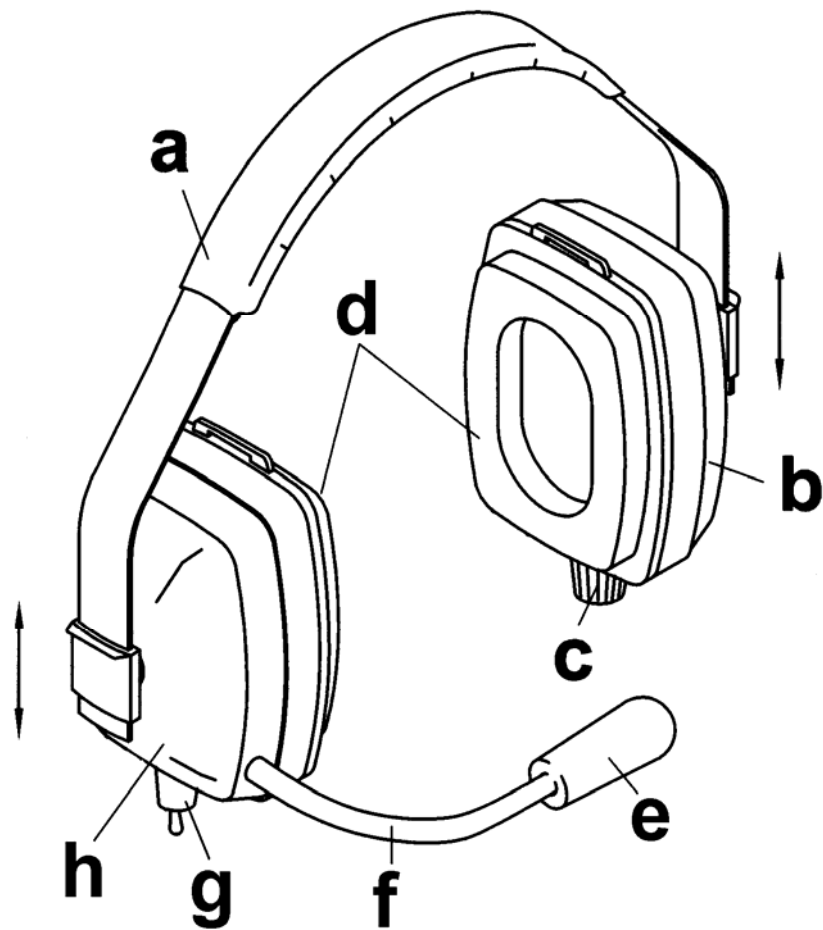
Operating Instructions



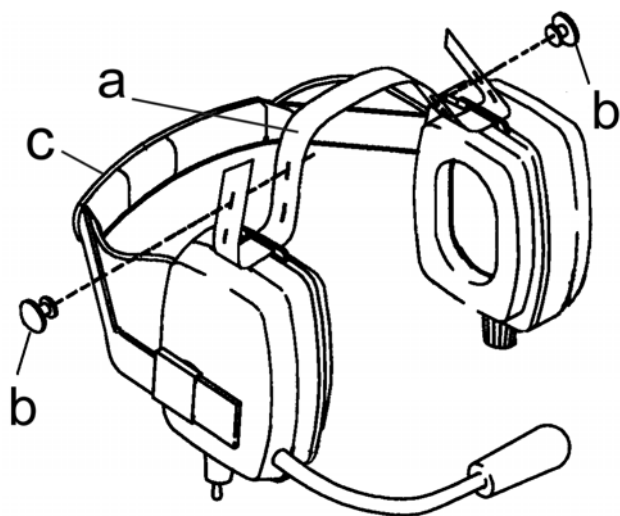
Contents

Important Information for Users of the CT-DECT transceivers	5
1. Important safety instructions	7
2. Description	9
2.1 General.....	9
2.2 Usage within a CT-DECT system.....	9
2.3 Usage within a CT-GateCom system	9
2.4 Power supply and operating time	9
2.5 Audio signals used	9
2.6 Sidetone	9
2.7 On/Off switch for the microphone.....	10
2.8 Headset without On/Off switch for the microphone	10
3. Commissioning and operation.....	10
3.1 Putting on the headset and adjusting the microphone	10
3.2 Wearing the headset with the additional head strap.....	10
3.3 Switching on and automatic connection setup	10
3.4 Range warning	11
3.5 Battery warning.....	11
4. End of operation	11
5. Headset with level-limited ambient sound reception	11
5.1 General.....	11
5.2 Operation.....	11
6. Headset with radio set connection	12
6.1 General.....	12
6.2 Commissioning and operation	12
7. Headset with PTT button.....	12
8. Safekeeping – storage	13
9. Recharging the batteries	13
10. Maintenance.....	14
10.1 Visual inspections.....	14
10.2 Cleaning	14
10.3 Replacing the windshield on the microphone	14
10.4 Replacing the ear cushions	14
10.5 Replacing the head strap.....	14
11. Accessories and consumable parts.....	14
12. On-air subscription	15
12.1 General.....	15
12.2 Principle of subscription.....	16
12.3 On-air subscription	17

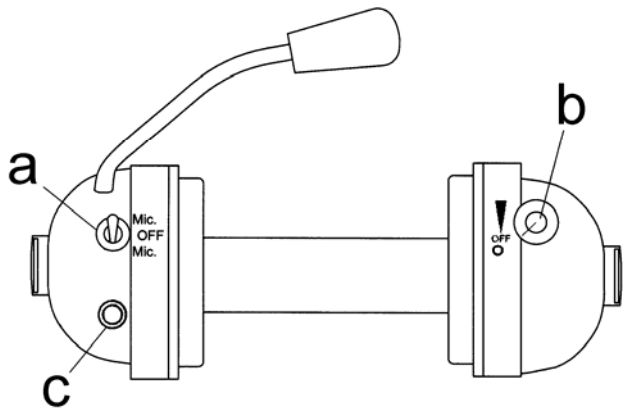
1

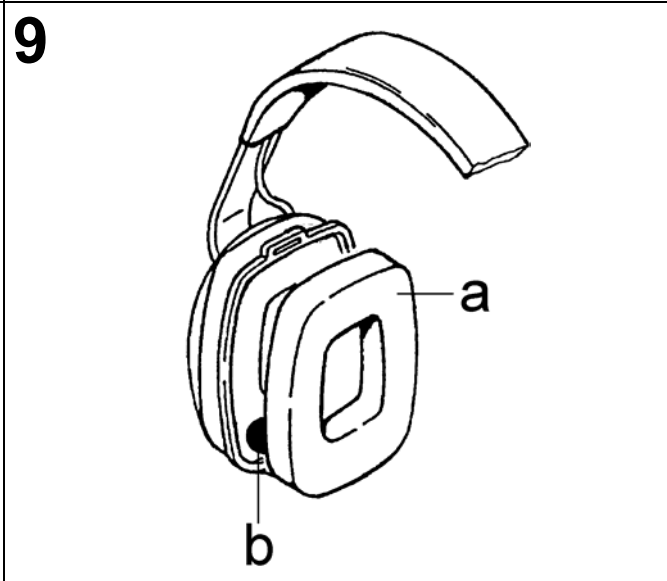
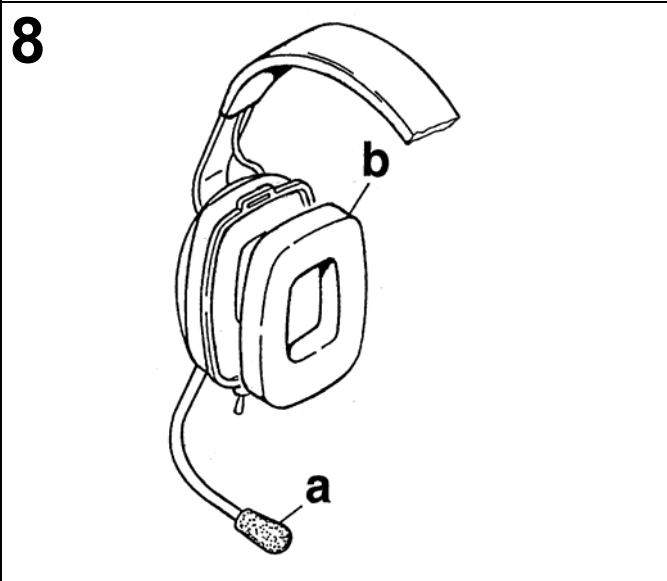
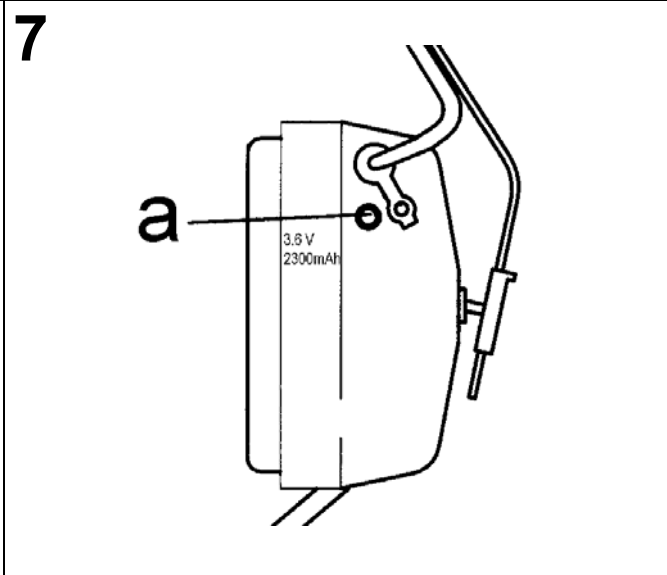
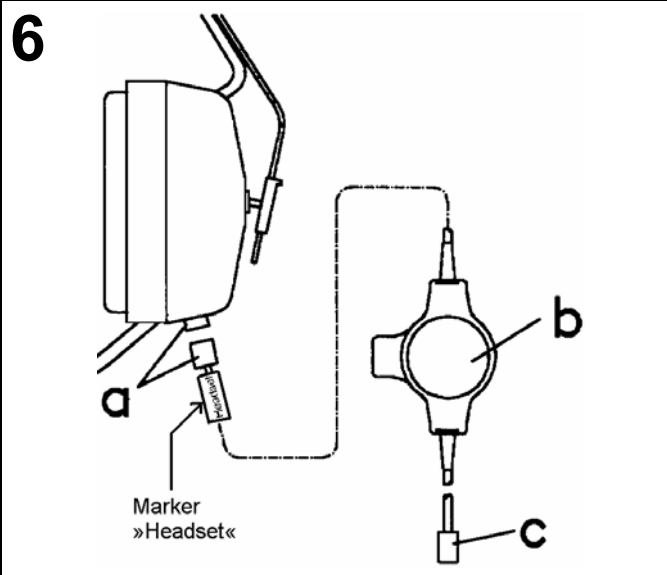
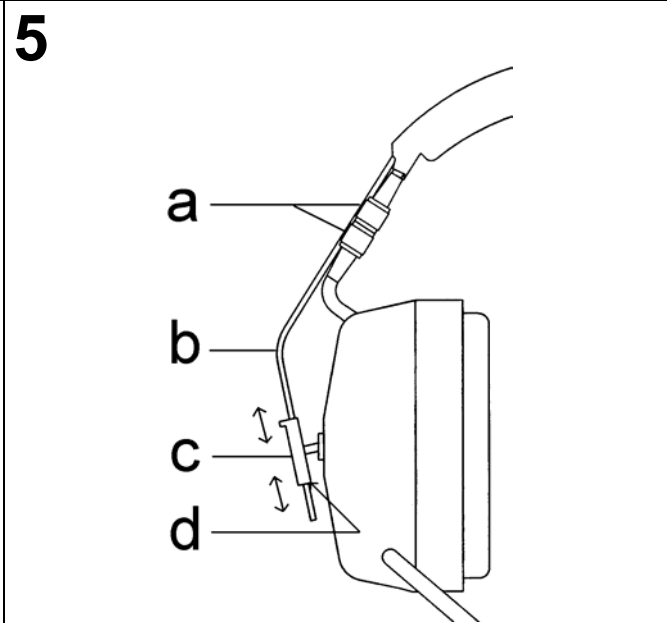
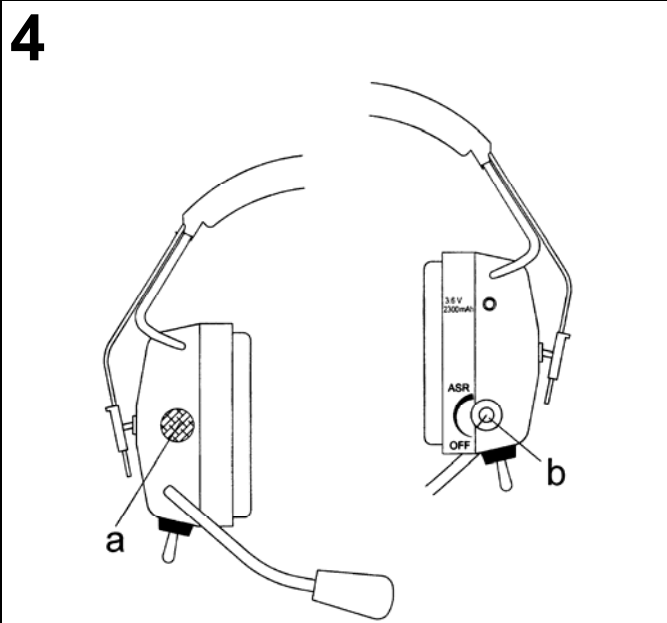


2

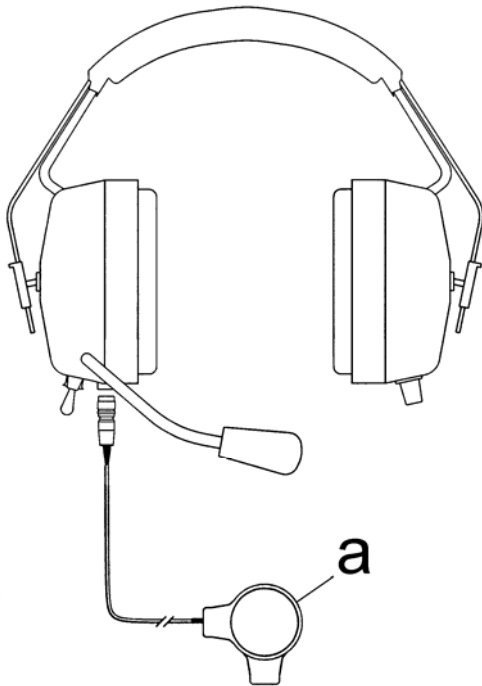


3





10



Important Information for Users of the CT-DECT transceivers

When using CT-DECT transceivers for special tasks, e.g. during bomb disposal, it is the sole responsibility of the user to test and decide whether the CT-DECT transceivers can be operated without any danger.

CT-DECT transceivers that are not intrinsically safe (explosion-protected) and therefore do not have any special hazardous duty marking must never be used in potentially explosive atmospheres. Unprotected CT-DECT transceivers can trigger explosions unintentionally in these areas.

CeoTronics does not assume any liability for damage to property and personal injuries of any kind that can arise through the above mentioned or any other incorrect use of the CT-DECT transceivers.

Important Notes for operation of the CT-DECT System in the USA

Please note that any changes or modifications not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- . Reorient or relocate the receiving antenna.**
- . Increase the separation between the equipment and receiver.**
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.**
- . Consult the dealer or an experienced radio/TV technician for help.**

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Head-worn operation has been tested and meets the FCC RF exposure guidelines when used with the Applicants accessories supplied or designated for this product as listed in the filing. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The SAR values are measured and keeps the limit values.

Key to Fig. 1 – Headset, basic version

- | | |
|------------------------------------|--------------------------------|
| a Adjustable head band | e Microphone and windshield |
| b Left headset muff | f Flexible gooseneck |
| c On/Off switch and volume control | g On/Off switch for microphone |
| d Ear cushions | h Right headset muff |

1. Important safety instructions



For the use of the device notice the national safety and accident prevention regulations and the following safety instructions shown in italics in this instruction manual.

- *Before using CeoTronics products read completely the appropriate operating instructions. If in doubt, ask our technical staff.*
- *If repair work of any kind needs to be done to CeoTronics products, arrange for it to be performed only by the company CeoTronics or by a specialized workshop that is authorized by CeoTronics. In all other cases our warranty and liability for the product shall lapse.*
- *If products are operated on a mains voltage, always pull the mains plug out of the mains plug socket before opening such products (e.g. for servicing purposes)!*
- *Do not store CeoTronics products outside or in damp ambient conditions. At all times keep them clean, dry and at normal air humidity. CeoTronics products must not be stored in areas with a temperature of over +80° C (+176° F), e.g. in the summertime on the parcel shelf of a car. If not stated otherwise, the following temperature ranges are allowed for CeoTronics products: -10 to +55° C (+14 to +131° F) for operation, -40 to +80° C (-40 to +176° F) for storage.*
- *Do not immerse a CeoTronics product into water, if it is not expressly specified for this purpose.*
- *When using CeoTronics products that are equipped with connection leads ensure that the latter do not get caught up in operational machinery or wheels!*
- *Type-tested muffs with a high degree of passive noise attenuation are used for CeoTronics headsets with headset muffs. If not stated otherwise, it is our experience that the passive noise attenuation of the headset muffs is reduced by approx. 3 dB due to the electronics that are integrated into the headset muffs. As a rule no empirical values are available for non-standard products.*

Information to noise attenuation values, which result from representative measurements of a named place, are to be regarded as orientation values, which cannot be guaranteed, if no "Type Examination Certificate" is present.

Note that it acts with electronic communication systems of CeoTronics, not around "Personal Protective Equipment" in the sense of the "PPE Directive 89/686/EEC", if not differently indicated.

At very high noise levels that exceed the passive protective effect of the headset muffs we recommend that ear plugs be worn as an additional measure. If in doubt, ask your safety officer or company doctor. Full noise attenuation exists only if the muff padding is in perfect condition. This should be replaced at the latest after every 6 months of use.

- *In the case of headsets with headset muffs that protect against harmful ambient noise and that are not equipped with additional electronics for level-limited ambient sound reception, take heed that the audibility of warning signals, warning calls etc. is also impaired!*
- *CeoTronics products that are not intrinsically safe (explosion-proof) and therefore have no special explosion-proof designation must never be operated in potentially explosive environments (e.g. when refuelling cars, aircraft etc.). Devices that are not explosion-proof can unintentionally trigger off explosions in such areas!*



- *If you are a cardiac pacemaker carrier, before operating a transmitter/receiver ask the manufacturer of your cardiac pacemaker for information about any impairment that might be caused due to high frequencies.*

- *For safety reasons reception volumes in excess of 85 dB(A) are possible with a whole series of CeoTronics products. However, these can be regulated by the user. Do not set the volume any higher than is necessary. A very high volume setting can lead to damaged hearing, particularly if it is continuous. For high volumes or noise levels wear additional ear plugs. If in doubt, ask your safety officer or company doctor.*
- *When on board an airplane always keep a transmitter/receiver switched off. Operation of the transmitter/receiver could affect the safety of the airplane and it is therefore prohibited. Never operate electronic devices on board an airplane without the express approval of an authorized member of the cabin crew.*
- *Do not leave CeoTronics products lying around loose in cars, e.g. on the parcel shelf. Stow these products in a suitable, safe place in the car so that they do not present a danger to you or to other occupants of the car, if emergency braking is effected.*
- *When driving a car, do not use the radio because it may distract you from the other traffic. Never use a CeoTronics product that will impair your hearing.*
- *Charge rechargeable batteries only with the appropriate suitable CeoTronics charger. Observe the voltage and current specifications, including those on the mains face (e.g. 230 V AC or 115 V AC). Never use the charger to recharge non-rechargeable batteries.*
- *When handling rechargeable batteries comply with environmental protection regulations!*



Never attempt to open a rechargeable battery and never throw a rechargeable battery into fire. Expended (defective) rechargeable batteries are subject to compulsory regulated waste disposal. Do not put them in the household waste!

- *Ensure that a short-circuit (risk of fire or injury) is not created across rechargeable battery terminals or charging sockets by a short-out (bent-open paper clip, bunch of keys etc.). In such an event the warranty shall lapse. Transport any spare rechargeable batteries in an electrically non-conducting package in order to avoid short-circuiting the rechargeable batteries.*
- *Keep CeoTronics products and rechargeable batteries out of the reach of children and any other persons who are not familiar with the handling and operation thereof.*
- *Packaging materials, e.g. filling materials and plastic bags are not toys and have to be kept out of the reach of children. There is a risk of children ingesting them and choking!*
- *Safe operation requires clean devices. Ensure that the devices (microphones, connectors etc.) are clean and in good condition at all times.*
- *CeoTronics products may only be used for the specific application envisaged.*
- *CeoTronics products may only be used for the specific application envisaged.*
- *Should equipment, supplied by CeoTronics, be definitely put out of service you may return it to CeoTronics. We ensure recycling and/or disposal of outdated equipment in compliance with the applicable environment protection law.*



- *Keep these operating instructions for later use.*

2. Description

2.1 General

The headset is a transmitter/receiver for wireless duplex communication between a max. of three communication parties over short distances. The range depends on the local circumstances. Up to two standard headsets are allocated to a base headset. Channel selection is effected automatically by the headsets. High protection against eavesdropping and interferences is ensured.

The headset protects against harmful ambient noise and allows communication in noisy environments. The headset microphone is noise-compensating and is equipped with a windshield and a flexible gooseneck.

The minimum version of the system comprises one base headset and one standard headset. A second standard headset can be operated in conjunction with the base headset.

Base and standard headsets are marked by an imprint on the left headset muff, as follows:

- | | |
|--------------------|---------------------|
| – CT-DECT Base | CT-GateCom Base |
| – CT-DECT Standard | CT-GateCom Standard |

2.2 Usage within a CT-DECT system

In a CT-DECT system instead of the base headset for example the base station »CT-DECT Conference« or the table top device »CT-DECT Station« is used. Notice the special CeoTronics operating instructions for these devices.

2.3 Usage within a CT-GateCom system

In a CT-GateCom system instead of the base headset a CT-GateCom Compact is used that usually resides in a weatherproof carrying bag. Notice the special CeoTronics operating instructions for the CT-GateCom Compact.

2.4 Power supply and operating time

Power for the headset is supplied by a 3.6 V/2300 mAh NiMH rechargeable battery in the right headset muff. With fully charged 3.6 V/2300 mAh NiMH battery the operating time for continuous operation is approx. 20 hours.

2.5 Audio signals used

Two different tones are used for signalling the operating status. The tone for the indication of a positive operating status has a higher frequency than the tone for the indication of a negative operating status. Signalling of the various operating status is effected by a varying number of consecutive high tones or low tones.

Positive acknowledgement tone

All positive operating status are indicated by a high tone.

Negative acknowledgement tone and error tone

All negative operating status and error status are indicated by a low tone.

2.6 Sidetone

The sidetone while speaking is audible in the headsets only after connection setup between the headsets. Due to this a control is always available as to whether a connection is active or not.

In the case of the CT-GateCom system there isn't a sidetone audible in the headsets.

2.7 On/Off switch for the microphone

The microphone can be switched on and off with the switch »Mic.–OFF–Mic.« (Fig. 3/a) at the bottom of the right-hand headset muff. Three switch positions are possible. However, communication can only be performed after the connection setup.

Middle position »OFF« (receiving): The headset microphone is switched off. You can only receive.

Front switch position »Mic.« (transmitting and receiving): The headset microphone is switched on. You can speak into the microphone as long as you hold the switch in this position and simultaneously a message is being received. After releasing the switch the switch returns to the middle position »OFF«.

Rear »permanent« switch position »Mic.« (transmitting and receiving): The headset microphone is permanently switched on. You can speak into the microphone and simultaneously receive a message.

2.8 Headset without On/Off switch for the microphone

After switching on the headset the microphone is permanently switched on. Communication (transmitting and receiving) can be performed after the connection setup has been effected.

3. Commissioning and operation

3.1 Putting on the headset and adjusting the microphone

- a. Put on the headset. Take care for a perfect comfortable fit. Only when the ear cushions are properly located around the ears the best noise attenuation of the ear muffs is provided. Adjust the height of each ear muff equally on both sides while holding the head band down until the ear cushions have a tight and comfortable fit. The head band should sit straight and comfortable on the top of the head.

For hygiene reasons we recommend the use of the washable sweat absorbing cotton pads (see section 14) on the ear muffs. These are pulled over the ear cushions and are for the purpose of wear comfort and hygiene.

CAUTION

Do not »twist« the flexible gooseneck. Do not carry the headset by the gooseneck. Use the microphone only with a windshield.

- b. Adjust the flexible gooseneck so that the microphone is located at a distance of approx. 5 mm (0.2 in.) in front your lips. Optimum speech transmission with the best possible noise compensation is then provided.

3.2 Wearing the headset with the additional head strap

In the event of rapid body movements or extreme body postures or if you are using a protective helmet the headset can be additionally secured on your head by means of the head strap (Fig. 2/a). Put on the headset, fold the head band (Fig. 2/c) to the rear and wear the head band as a neck band. Ensure that the head strap and neck band are tautly seated.

3.3 Switching on and automatic connection setup

- a. The headset is switched off, if the On/Off switch and volume control (Fig. 3/b) is in position »OFF«. Switch on the headsets by means of the On/Off switch and volume control (rotary knob).

After switching on a high beep tone is audible in the headsets. After further 5 to 10 seconds a high double-beep tone sounds, indicating the completion of synchronization between the headsets. Now the headsets set up automatically a connection between each other. When the connection is set up a high beep tone sounds in the headsets and the headsets are ready for duplex communication.

The microphone must be switched on in order to speak, if the headset is equipped with a microphone switch (see sections 2.7, 2.8).

- b. On speech reception adjust the speaker volume for your headset by means of the On/Off switch and volume control (rotary knob).

3.4 Range warning

In the case the range limit is reached a high 3-beep tone sequence is audible in the base and in the standard headset approx. every 5 seconds. When the range limit is exceeded the connection will be released. After the headsets are back again within the reception area the connection setup will be effected automatically. Finally a high double-beep tone is audible in the headsets and then a high beep tone which indicates that the connection setup has been completed.

3.5 Battery warning

If the rechargeable battery has an undervoltage a low 3-beep tone sequence is audible in the headset approx. every 60 seconds.

4. End of operation

Switch off (switch position OFF) the headset with the On/Off switch and volume control knob (Fig. 3/b). This guarantees a longer usage from the rechargeable battery. Recharge the headset battery.

In the case of headsets with ambient sound reception switch off the ambient sound reception with the rotary knob »ASR« (Fig. 4/b), so that the rechargeable battery does not discharge itself.

5. Headset with level-limited ambient sound reception

5.1 General

The headset with level-limited ambient sound reception (ASR) (Fig. 4) is used mainly where ambient sounds, warning signals etc, have to be heard perfectly alongside speech communication.

With ASR, ambient sounds can be received via a second microphone (Fig. 4/a) on the front side of the right-hand headset muff and can be heard via one ASR speaker each in the right-hand and left-hand headset muffs. Even when receiving a message the external sound reception is in operation.

In the case of external sound levels of over 85 dB(A) the sound level emitted by the ASR speakers in the headset muffs to the ear is limited to a maximum of 85 dB(A). The overall noise attenuation of the headset is, however, limited to passive noise attenuation of the headset muffs.

5.2 Operation

Described below are only the operating control differences relating to external sound reception.

Switch on the ambient sound reception by means of the rotary knob »ASR« (Fig. 4/b) on the rear side of the right-hand headset muff and adjust by means of this rotary knob the desired volume for the ambient sound reception. The ambient sound reception is switched off in position »OFF«.

Due to the separate On/Off switch and volume control »ASR« it is possible to use the headset for ambient sound reception only.

Headsets without separate On/Off switch for the ambient sound reception

Headsets are also available without separate On/Off switch for the ambient sound reception. The ambient sound reception is switched on and off by the On/Off switch and volume control (Fig. 1/c) for the device. Then the rotary knob »ASR« (Fig. 4/b) is only used to adjust the volume for the ambient sound reception.

6. Headset with radio set connection

6.1 General

Two communication circuits are realizable with the additional radio set connection (example Fig. 6). Both the base headset and the standard headset can be equipped with a radio set connection. Connection to the radio set is effected via a radio set adapter which e.g. consists of the following parts:

- PTT button (Fig. 6/b) with fastening clip on the rear side
- Connection cable with jack (Fig. 6/a) for connection to the headset
- Connection cable with radio set plug (Fig. 6/c) depending on the radio set

Communication circuit 1

Communication between the user of the base headset and a max. of four other users of standard headsets.

Communication circuit 2

Communication in connection with an additional radio set on the radio set channel. The radio set is connected to the headset via the radio set adapter.

6.2 Commissioning and operation

Described below are only the differences relating to the additional radio set connection.

a. Make the plug connection (Fig. 6/a). Connect the radio set adapter via the radio set plug (Fig. 6/c) to the accessory connector of the radio set. Fasten the PTT button (Fig. 6/b) by means of the clip on the rear side to a suitable place on your clothing. Switch on the radio set and adjust on the radio set the basic volume for the headset. Take heed of the operating instructions for the radio set issued by the radio set manufacturer. Switch on the headsets as per section 3.3. After the headsets are switched on the connection setup is effected automatically by the headsets. Subsequently duplex communication is possible between the parties of communication circuit 1, if in the case of headsets with microphone switch, the microphone is switched on (section 2.7). Adjust the desired speaker volume on the headsets.

b. **Speech communication circuit 2** – To transmit press the PTT button (Fig. 6/b), i.e. in order to key the radio set transmitter. You can speak into the headset microphone as long as you keep the PTT button pressed. Upon releasing the PTT button the radio set is back on standby/reception.

When you press the PTT button and speak into the headset microphone, in the case of headsets with microphone switch the message transmission path depends on the position of the microphone switch »Mic.–OFF–Mic.« (Fig. 3/a).

- Microphone switch »Mic.–OFF–Mic.« in middle position »OFF«: The message is transmitted to the radio set only
- Microphone switch »Mic.–OFF–Mic.« in key position »Mic.« or in the »permanent« switch position »Mic.«: The message is transmitted to the radio set and to the headset or to the two headsets with which an active connection setup exists.

7. Headset with PTT button

With the optional PTT button (examples Fig. 3/c and Fig. 10/a) the user can transmit a PTT criterium (PTT = push to talk) from his CT-DECT standard headset to a CT-DECT base station, to which an external two-way radio is connected.

Transmitter keying of the external two-way radio is carried out remote controlled by pressing the PTT button. Subsequently the user can transmit a radio message via the microphone of his standard headset and the external two-way radio, as long as he keeps the PTT button pressed.

8. Safekeeping – storage

Store the cleaned device in a clean, dry place at normal room temperature and in normal relative air humidity.

9. Recharging the batteries

WARNING

Never use battery chargers to charge non-rechargeable batteries. Never open rechargeable batteries or throw them into fire. Used (defective) rechargeable batteries are subject to special waste disposal. Do not put them in the household refuse!

Use a CeoTronics charger (see section 11) to charge the 3.6 V/2300 mAh NiMH rechargeable battery in the headset. Using other chargers can cause rechargeable batteries to become damaged. The battery charging socket (see example Fig. 7/a) is located on the right-hand headset muff. Notice the special CeoTronics operating instructions for the charger.

CAUTION

To recharge the battery always switch off the headset.

10. Maintenance

10.1 Visual inspections

Regularly examine the headset muffs and in particular the ear cushions frequently for signs of fractures, cracks and wear. If the headset muffs are damaged, replace the headset and send it in to CeoTronics for repair. Replace damaged or worn ear cushions in accordance with section 10.4, and, even if not damaged, every 6 months of use at the latest.

10.2 Cleaning

CAUTION

When cleaning ensure that no moisture penetrates inside the unit. Do not use any solvents (e.g. benzine, alcohol, etc.) for cleaning purposes!

Remove any loose dust with a soft brush. Clean, if necessary, the outside with a suitable clean cloth that has been slightly moistened with clear water, and rub the parts dry afterwards. If heavily soiled, some dishwashing liquid can be used in addition. Clean the contacts of connectors with a commonly available contact cleaning agent.

10.3 Replacing the windshield on the microphone

Pull the windshield (Fig. 8/a) off the microphone and replace it.

10.4 Replacing the ear cushions

Pull the ear cushion (Fig. 8/b) off the headset muff and replace it. Ensure that the new ear cushion fully engages.

10.5 Replacing the head strap

Remove the two fasteners (Fig. 2/b) and then pull the head strap (Fig. 2/a) out the slits in the headset muffs. Install the new head strap according to Fig. 2.

11. Accessories and consumable parts

Designation and description	Art. No.
Carrying case for transceiver headset, colour grey	40 35 030
Single-unit charger for 3.6 V/2300 mAh NiMH rechargeable batteries,	40 06 543
Ear cushion, 2 pcs.	50 00 501
Windshield for microphone, 10 pcs.	50 02 201
Comfort set consisting of 50 pcs. (25 pair-pack) washable sweat absorbing cotton pads	40 10 025
Head strap inclusive of two fasteners	50 00 707

12. On-air subscription

Base headset and standard headset(s) can also be used in conjunction with other CT-DECT devices resp. CT-GateCom devices. The on-air subscription of a headset to one of these devices is carried out analogous and in the sequence as described in sections 12.3....12.3.2. Going to do so, first ascertain which of the devices is the base device and which a standard device.

For on-air subscription at a DECT device or at a CT-GateCom device always the on/off switch and the subscription button(s) are used.

In every case notice the special CeoTronics operating instructions for the other CT-DECT device resp. CT-GateCom device.

12.1 General

→ NOTE

The on-air subscription is a procedure which has to be performed once by the factory. It must be performed again only in the case a headset that isn't subscribed to the system has to be used within the system.

Each headset has its own internal identification number. First of all an allocation must always take place between the base headset and the maximum of four standard headsets. This subscription procedure, which has to be performed once only, is performed on the base headset and the maximum of two standard headsets manually by means of a procedure carried out by the operator.

After the subscription procedure has been successfully concluded, the identity of the communication partner is stored in the data base of the headset. The standard headset stores one base headset. The base headset stores the last two successfully subscribed standard headsets.

12.2 Principle of subscription

For on-air subscription at a DECT device always the on/off switch and the subscription button(s) are used.

Every time notice the special CeoTronics operating instructions for the other CT-DECT device.

→ NOTE

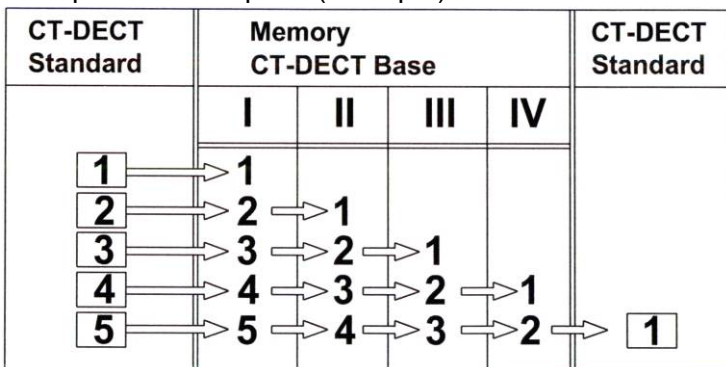
The on-air subscription is a procedure which has to be performed once only by the factory. It must be performed again only in the case a DECT device that isn't subscribed to the system has to be used within the system.

Principle of subscription

Each device is equipped with a DECT module and has its own identification number. First of all an allocation must always take place between the base device (CT-GateCom Compact) and the maximum of four standard devices. This subscription procedure, which has to be performed once only, is performed on the base device and the maximum of four standard devices manually by means of a procedure carried out by the operator.

If a fifth standard device would be subscribed to the base device, the standard device that was subscribed in first would be deleted from the data memory of the base device. See the following example.

Principle of subscription (example)



A standard device that is deleted from the data memory of the base device cannot communicate any longer with the CT-DECT system. In this case the standard device has to be subscribed again to the base device according to the subscription procedure.

Once the subscription procedure has been successfully concluded, the identity of the communication participants is stored in the data memory of the device. The standard device stores one base device. The base device stores the last four successful subscribed standard devices.

Time Out

If no successful subscription between a standard device and the base device was achieved after maximally 2 minutes, a »Time Out« occurs. The »Time Out« is signaled by a tone sequence of 4 short deep tones in the communication headset of the Standard device, which repeats itself every 4 seconds.

After a »Time Out« all necessary standard devices have to be subscribed again to the base device.

➔ Note

- *Two or more standard devices can never be simultaneously subscribed to the base device, they must always be subscribed one after the other. With two or more standard devices it is recommendable to subscribe all standard devices one after the other to the base device, because a standard device can be deleted (see »Principle of subscription«).*
- *A standard device can only be subscribed in one base device at the same time, never in two or more base devices.*
- *Comply with the instruction step sequence.*
- *After subscription the devices have to be switched off again.*

12.3 On-air subscription

12.3.1 On-air subscription of the first standard headset

- a. On the base headset and on the first standard headset pull the ear cushion (Fig. 9/a) off the left-hand headset muff. The subscription button (Fig. 9/b) resides in the shell ring of the headset muff.
- b. On the base headset press the subscription button (Fig. 9/b) and switch on the base headset by means of the On/Off switch and volume control (rotary knob Fig. 3/b). After switching on keep the subscription button pressed for at least 2 seconds and then release the subscription button. Immediately carry out step »c«, otherwise a »Time Out« may occur.
- c. On the standard headset press the subscription button (Fig. 9/b) and switch on the standard headset by means of the On/Off switch and volume control (rotary knob Fig. 3/b). After switching on keep the subscription button pressed for at least 2 seconds and then release the subscription button.

The on-air subscription is started and in both headsets a short high beep tone is audible periodically every 2 seconds. After approx. 30 seconds a high double-beep tone can be heard both in the base headset and in the standard headset. The on-air subscription is successfully completed.

Two low tones before the high double-beep tone signalize an incorrect subscription. In this case switch off the headsets and restart the on-air subscription procedure again.

- d. **After the on-air subscription switch off the headsets.**

12.3.2 On-air subscription of the other three standard headset

- a. Ensure that the subscribed first headset and the base headset are switched off.
- b. On the standard headset pull the ear cushion (Fig. 9/a) off the left-hand headset muff. The subscription button (Fig. 9/b) resides in the shell ring of the headset muff.
- c. Repeat the subscription procedure as described in section 12.3.1, »b« and »c«, for the base headset and for the other three standard headsets.
- d. **After the on-air subscription switch off the headsets.**

Notizen

Notizen

**Germany and
International Sales**

CeoTronics AG

Adam-Opel-Str. 6
63322 Rödermark
Tel. +49 6074 8751-0
Fax +49 6074 8751-676
E-Mail sales@ceotronics.com



DIN EN ISO 9001:2000
Certificate No. 01 100 004023
Certificate No. 01 102 004023



Directive 94/9/EC (ATEX)
Certificate No. 01 220 004023

USA/Canada/Mexico

CeoTronics, Inc.

300 Southport Circle, Suite 103
Virginia Beach, Virginia 23452
Tel. +1 757 549-6220
Fax +1 757 549-6240
E-Mail sales@ceotronicsusa.com

France

CeoTronics Sarl

Bât. Delta T
Z.A. du Tuboeuf
Allée des Pleus
77257 Brie Comte Robert Cédex
Tel. +33 1 60183300
Fax +33 1 60286060
E-Mail ventes@ceotronics.fr

Spain

CeoTronics S.L.

C/Ciudad de Frias 7 y 9
Nave 19
28021 Madrid
Tel. +34 91 4608250 51
Fax +34 91 4603193
E-Mail ventas@ceotronics.es

Switzerland

CeoTronics AG

Grundstr. 16
6343 Rotkreuz
Tel. +41 41 7905838
Fax +41 41 7905839
E-Mail info@ceotronics.ch

Poland

CeoTronics Sp. z o.o.

ul. Słonecza 15
91-491 Łódź (Polska)
Tel. +48 42 6553311
Fax +48 42 6552288
E-Mail biuro@ceotronics.pl

**Germany and
International Sales**

CT-Video GmbH

Gewerbegebiet Rothenschirnbach 9
06295 Lutherstadt Eisleben
Tel. +49 34776 6149-0
Fax +49 34776 6149-11
E-Mail ctv.info@ceotronics.com