

emporia

WIRELESS TV HEADPHONES

WITH INTEGRATED HEARING AMPLIFIER



02 WELCOME

- This wireless headset consists of a **headphone** (receiver) and a **charging cradle** (base station, transmitter) and is equipped with wireless, digital radio transmission (2.4 GHz) according to the latest technology.
- This device enables the improvement of hearing, especially for elderly or hearing-impaired people.
- With this device, you can achieve clear sound when listening to music or TV. The transmitter is connected to the audio source: DVD player, CD player, TV set, hi-fi system, iPod, ...
- Due to the sound transmission by radio, there are no disturbing cables at the receiver.
- The special advantage of this device is that, due to the wireless radio connection between transmitter and receiver, you can move freely in the room at any time (range approx. 20 m in free space) and still achieve good hearing amplification. At the same time, the sound transmission can be switched off for intermittent conversation or talks, which are also amplified by the built-in microphone and received via the headset.

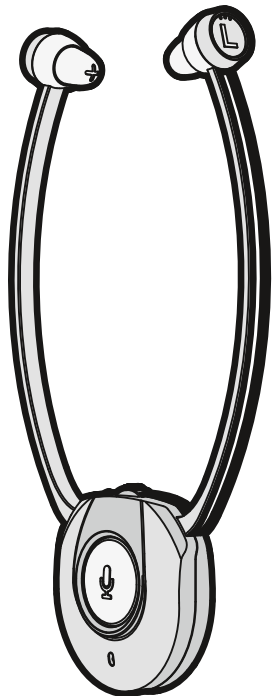
> **The following features characterise this unit:**

- Stable digital radio connection (2.4 GHz)
- Rechargeable battery with quick-charge function for up to 7 hours of operating time
- Automatic switch-off at the end of the signal
- Ambient noise (voices, conversations, telephone, ...) can be amplified and heard better, at the same time the sound from the audio transmission (e.g. TV) is muted.

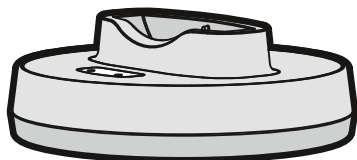
Keep the packing materials in a safe place in case you need to transport the unit later. Keep the receipt, it is your guarantee.

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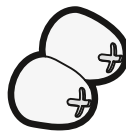
04 SCOPE OF DELIVERY



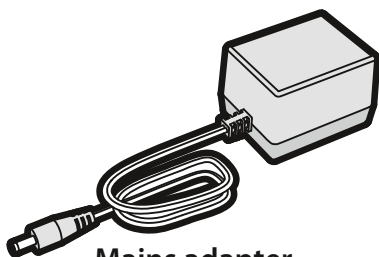
Headphones
(receiver and earpiece)



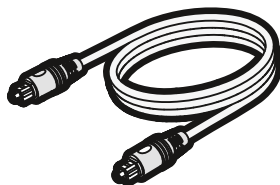
Charging cradle
(base station, transmitter)



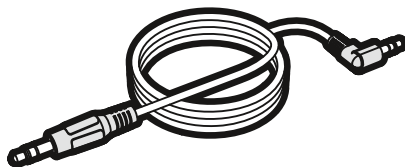
Spare earplugs



Mains adapter

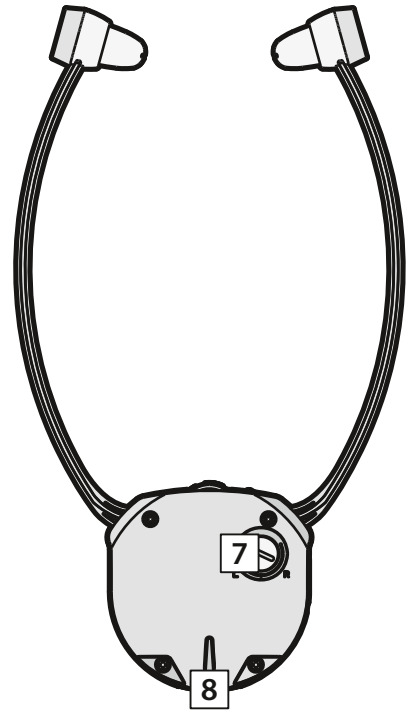
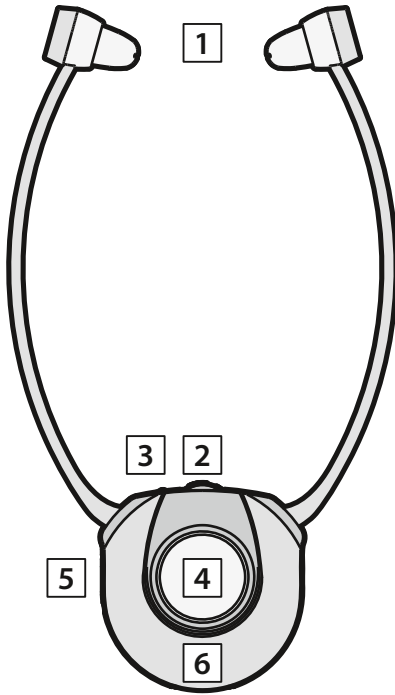


Optical audio cable



Audio cable
(Ø 3.5 mm jack plug)

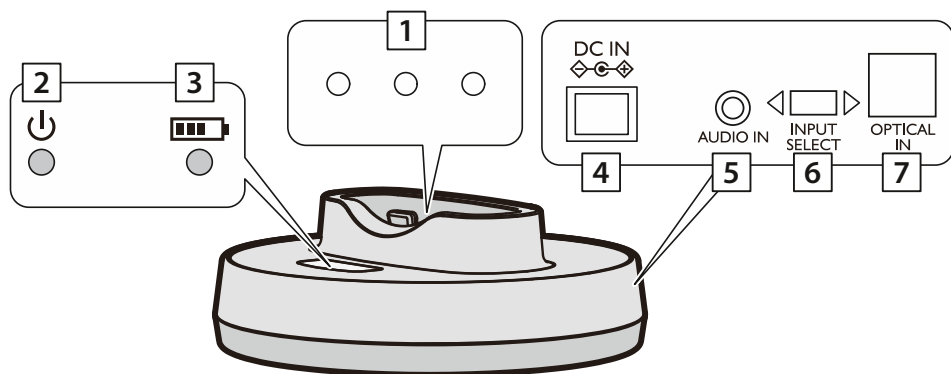
Headphones (receiver and earpiece)



- 01 Earphones/earplugs
- 02 Volume control
- 03 LED power indicator (blue)
- 04 Mute switch (on/off)
- 05 On/off switch
- 06 Microphone

- 07 Balance control
(left/middle/right)
- 08 Charging contacts

Charging cradle (base station, transmitter)



01 Charging pins

02 LED operation indicator (green)

03 LED charging indicator (charged: green / charging: red)

04 Connection for mains adapter (DC-IN)

05 Connection for audio cable (Ø 3.5 mm jack)

06 Connection selector switch (audio/optical cable)

07 Connection for optical cable

Charging cradle

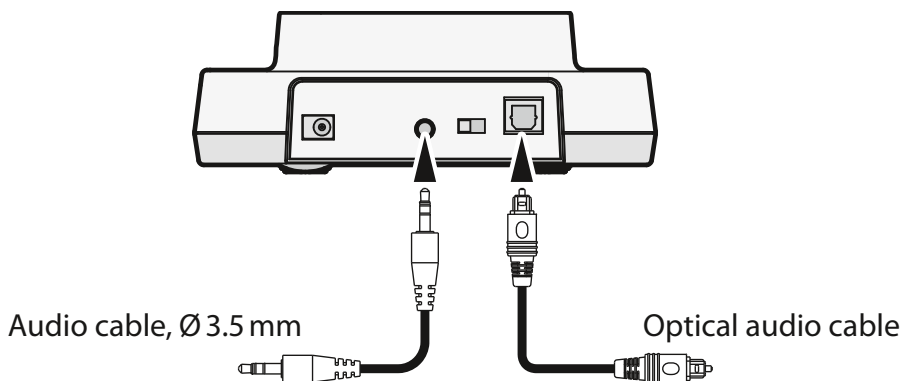
Plug the yellow plug of the mains adapter into the **DC-IN** socket and connect the adapter to a properly installed household socket.

The mains voltage must correspond to the voltage indicated on the adapter (100-240V ~ 50/60 Hz). The mains adapter complies with the regulations that are mandatory for CE marking. The LED power indicator starts flashing green and then lights up constantly.

> Caution when using the mains adapter

- It is recommended that only the supplied mains adapter be used. The mains adapter may only be connected to a mains voltage of 100-240V ~ 50/60 Hz. Never attempt to operate the unit with any other voltage.
- Make sure that the power socket used is freely accessible so that the mains plug can be pulled out immediately if necessary (in the event of malfunctions, a defect in the unit, or the development of odours or smoke).
- The appliance remains connected to the mains even when it is switched off. If you are not going to use the appliance for a longer period of time, pull the plug of the mains adapter out of the socket.

Audio connections



> Using the 3.5 mm audio cable

Plug the supplied **3.5 mm audio cable** into the audio output (headphone jack) of the unit from which you want to transmit sound and into the **›AUDIO IN‹** jack of the charger. Set the connection selector switch to position ◀.

> Using the optical cable

Use the supplied **optical audio cable** to connect the optical output of the device from which you want to transmit sound to the **›OPTICAL IN‹** socket of the charger and set the connection selector to position ▶.

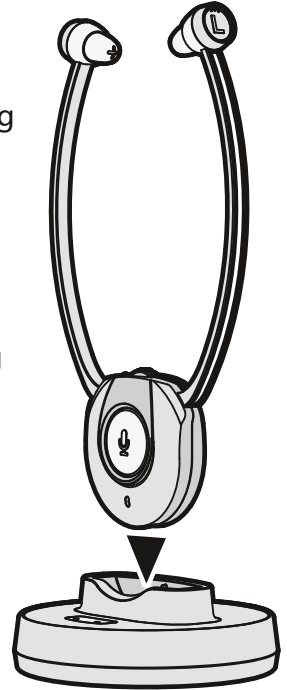
> Note

If you choose the option of connecting with the optical audio cable, it is necessary to familiarise yourself with the operation of the device you wish to connect to the charging cradle (base station). Especially when connecting to a TV set, additional (sound) settings are often necessary on the TV set in order to enable or adjust the sound transmission. However, these are individual and different for each device and do not depend on the operation of these headphones.

Headphones (receiver)

A rechargeable battery is built into the headphones. Fully charge the battery before using it for the first time:

1. Make sure the **on/off switch** is in the ›OFF‹ position.
 2. Place the **headphones** (receiver) in the **charging cradle** (base station). Make sure that the charging contacts meet the charging pins exactly.
 3. The charging process starts, the **LED charging indicator** lights up red.
 4. After about 3 hours, the battery should be fully charged, the **LED charging indicator** lights up green.
- The operating time of the headphones with fully charged batteries is approximately 7 hours, depending on the volume setting.
 - If the battery becomes low, the **LED power indicator** (blue) on the headphones flashes 5 times before the headphones switch off.
- Charge the headphones in the charging cradle as described.



> Important notes on handling rechargeable batteries

- Never attempt to charge batteries other than the supplied rechargeable batteries.
- Do not use batteries other than those supplied.
- Never attempt to take the battery apart.
- Never try to expose the batteries to temperatures above 100°C or burn them.
- Do not expose the batteries to excessive heat, direct sunlight or fire.
- Do not immerse the batteries in water (or other liquids).
- Keep batteries and rechargeable batteries away from children.

10 OPERATION

1. Switch on the headphones with the **on/off switch**.
The **LED operation indicator** flashes blue.
2. Operate your device (TV, audio device, ...) which you have connected to the **charging cradle** and select a medium volume.
3. First set a low volume on the headphones and put the headphones on.
4. The sound sent via the **charging cradle** (base station) is transmitted to the headphones via radio and played back. As soon as the headphones receive the transmitted sound, the **LED operation indicator** lights up constantly blue.

Volume

5. When connected with the audio cable, the volume can be adjusted either via the connected device (TV, audio device, ...) or with the volume control ›**VOLUME**‹ on the headphones.
 - Make sure that the volume on the connected device is not set too low, otherwise the audio signal may be too weak for transmission and the unit will switch off automatically (see ›**Power saving mode**‹).
 - When connected with the optical cable, the volume can only be adjusted via the volume control ›**VOLUME**‹ on the headphones.
6. If the battery becomes low, the blue **LED power indicator** on the headphones flashes 5 times before the headphones switch off. Slide the **on/off switch** to the ›**OFF**‹ position and charge the battery.
7. If you want to stop using the headphones, switch the **on/off switch** on the headphones to the ›**OFF**‹ position (blue LED goes out) and place the headphones back in the **charging cradle**.
8. After approx. 11 minutes, the green LED on the charging cradle flashes and after approx. 15 minutes the LED goes out.
9. If you do not use the unit for a longer period of time, disconnect the base station from the mains.

> **Caution**

Excessive volume can permanently damage your hearing. The volume of these headphones can be set particularly high. Therefore, make sure that the volume is set to a low level before putting on the headphones. Especially for people with healthy hearing and for children, listening too loudly can cause irreparable hearing damage.

Balance

With the balance control on the headphones, you can adjust the sound transmission between the left and right earphones as you wish:

- Turn the control to the left ›L‹ – the sound transmission via the left earphone is amplified.
- Turn the control to the right ›R‹ – the sound transmission via the right earphone is amplified.

Mute and sound amplifier

Interruption of the sound playback from the sound source (audio device, TV set, etc.) / connection of the built-in microphone for conversations:

- If you want to switch off the sound for a short time during the headphone transmission, e. g. to conduct a conversation, press the mute button on the headphones. The **LED indicator** on the headphones lights up green.
- An **acoustic signal** ›beep-beep‹ is audible and the reception of the audio signal from the transmitter is interrupted.
- At the same time, the ambient noise received via the built-in microphone on the headphones is amplified. This provides hearing amplification during communication.
- If you want to end the communication and enjoy the audio transmission again, press the **mute button** on the headphones again. The **LED operation indicator** on the headphones lights up blue again.

Interference during playback

If interference noises occur during playback, this may be due to the following reasons:

- The battery in the headphones is too weak: Recharge the battery.
- The distance between the headphones and the **charging cradle** (base station) is too great: Reduce the distance.
- The volume of the connected device is too low: Increase the volume of the connected device (TV set, audio device, MP3 player, etc.).

Synchronising the charging cradle and headphones

It can happen that the radio connection between the **charging cradle** and the **headphones** is disturbed and therefore the transmission fails.

To synchronise the radio connection, proceed as follows:

- Disconnect the **charging cradle** (base station) from the mains by unplugging the **mains adapter**.
- Switch on the **headphones** with the **on/off switch** (position ›ON‹).
- Press and hold the **mute button** for approx. 5 seconds.
- The blue LED indicator flashes quickly.
- Reconnect the **charging cradle** (base station) to the **mains adapter**.
- The **charging cradle** and **headphones** are automatically synchronised and the blue **LED operating indicator** lights up constantly again.

Energy-saving mode, automatic switch-off

The unit is equipped with an automatic switch-off function to avoid unnecessary energy consumption.

> **Note:**

This function is regulated by an EU standard and switching off does not represent a technical defect!

If the unit is not used for a longer period of time, it should be completely disconnected from the mains to save energy.

- The headphones automatically switch to stand-by mode if no audio signal is received for approx. 5 minutes (or if the audio signal is too weak for proper reception).

The blue **LED operation indicator** flashes. If during this time the audio signal is reactivated or the volume on the connected unit is increased again and the headphones receive an audio signal again, the transmission is continued.

The blue **LED operation indicator** lights up again.

- If no audio signal is sent to the headphones for approx. 10 minutes or if the audio signal is too weak for reception, the headphones switch off automatically.

The blue **LED operation indicator** goes out.

- If you want to use the headphones again, first switch them off (**on/off switch** to position ›OFF‹), and then switch them on again (**on/off switch** to position ›ON‹).

Emporia Service Centre

- **Emporia Service Centre**
service@emporiatelecom.co.uk
Monday-Friday, 12⁰⁰-4⁰⁰ pm
- **United Kingdom · EN**
www.emporiatelecom.co.uk/
support/contact
+44 1923 947778
- **Ireland · EN**
www.emporiatelecom.ie/
support/contact
+353 0818000102
- Please have your proof of purchase ready.

Technical data

- Model: **TVHP-22**
- Transmission mode:
Digital Hopping System
- Carrier frequency: **2.4 GHz ISM Band I**
- Operating voltage:
Transmitter: **5V, 0.55 A**
Receiver: **3.7V, 380 mA lithium polymer battery (built-in)**
- Mains adapter:
Input: **110-240V ~ 50/60Hz, 0.5 A**
Output: **5V $\overline{\text{---}}$ 0.55 A, 2.75 W**
- Frequency range: **20 Hz – 20 kHz**
- Distortion: **< 0.5 %**
- Signal-to-noise ratio: **> 70 dB**
- Range: **up to 20 m** (open range)
- Dimensions (W×H×D)
Base: **12×4.1×12 cm**
Headphones: **13.5×23.2×2.5 mm**
- Weight
Headphones with battery:
approx. 60 g (+/- 5 g)
Total device: **approx. 286 g**

Declaration of Conformity

- Manufacturer:
emporia telecom GmbH + CoKG
Industriezeile 36 · 4020 Linz · Austria
- Importer:
Emporia UK and Ireland Limited
Cardinal Point, Park Road, Rickmansworth, Hertfordshire, WD3 1RE, United Kingdom
- Website:
www.emporiatelecom.co.uk or www.emporiatelecom.ie
- Brand name: **emporia**
- Model: **TVHP-22 (DH 9600)**
- Item description:
TV listening aid, radio headphones

The subject of the declaration described above complies with the relevant Union harmonisation legislation:

- **Directive 2014/53/EU**
- **Directive 2014/65/EU**

The complete text of the EU declaration of conformity is available at the following Internet address
<https://www.emporia.eu/doc>

Responsible for the accuracy of this data
Eveline Pupeter,
CEO, emporia Telecom
01/09/2022

Warranty

- The consumer (customer) is granted a durability guarantee under the following conditions, without prejudice to his claims for defects against the seller:
- This guarantee applies to new devices purchased in the European Union. The guarantor is **Emporia UK and Ireland Limited**, Cardinal Point, Park Road, Rickmansworth, Hertfordshire, WD3 1RE, United Kingdom.
- New devices and their components that show a defect due to manufacturing and/or material defects within **12 months** of purchase will be replaced or repaired free of charge with a device that corresponds to the state of the art.
- This guarantee does not apply if the defect in the equipment is due to improper handling and/or failure to observe the operating instructions.
- The proof of purchase, with the date of purchase, is valid as proof of guarantee.
- To redeem this guarantee, please contact our hotline.

General safety instructions

- Children must not play with the appliance and must be supervised when using the appliance. Children must never use the appliance unsupervised.
- Do not expose the appliance to excessive cold or heat (not below 5°C and not above 35°C) or direct sunlight, or place it directly next to radiation-generating appliances and radiators.
- Keep the appliance away from open flames.
- Do not place burning candles or other open sources of fire on the unit.
- The unit should not be used in extreme cold.
- Protect the unit from rain and splashing water.
- The unit should be operated in dry rooms without exception. Do not use the unit near water, e.g. bathtub, kitchen sink, washbasin, etc.
- The unit is not suitable for use in areas with high humidity (not above ~ 85%).
- Objects filled with liquids (vases, glasses, ...) must not be placed on the unit.
- Condensation humidity: Moisture condenses on and in the appliance when it is moved from a cold room to a warm room. Wait until the moisture in the unit has evaporated and the unit has adjusted to the room temperature before operating it. Depending on the humidity and room temperature, this may take 2 to 3 hours.
- Do not expose the unit to heavy dirt, dust or smoke and keep it away from chemicals.
- Do not expose the unit to falling loads or shocks. Make sure that no other objects fall on the unit.
- Do not place the unit on top of other electrical appliances.
- Do not cover the unit (e.g. with blankets, curtains, newspapers, etc.). Do not place the appliance on soft surfaces (e.g. bed, couch), do not put blankets or rugs under it.
- If the unit and/or its accessories are damaged, do not operate it. Take it to a specialist electrical workshop for repair.
- Do not open the housing of the unit, there are no operating elements inside.
- Protect the cable. The cable must not be stepped on or crushed or trapped between two objects or a door.

- Check the cable of the mains adapter from time to time for possible damage. If the cable is damaged, the unit must not be put into operation. Contact a specialist workshop.
- Do not attempt to repair defective units yourself.
- Disconnect the unit from the mains during thunderstorms (risk of overvoltage) or when not in use for a longer period of time.
- Do not insert any other objects (nails, needles, pins, etc.) into the openings of the unit. Do not touch the contacts with metallic objects or bare fingers.
- Do not modify the appliance and use it only for the functions described in the instructions.
- For the safety of your children, do not leave any packaging parts (plastic bags, foils, cardboard, etc.) within reach.
Danger of suffocation!
- Never immerse the unit in water or other liquids. Risk of electric shock!
- To prevent the non-slip rubber studs on the underside of the appliance base from leaving marks on your furniture, make sure that the furniture surface is free of acid or grease.
- If you notice smoke or odours during operation, or if liquid enters the appliance, disconnect the appliance from the mains immediately.
- Keep these instructions for future reference and observe the safety instructions each time you use the appliance. In the event of improper handling and/or non-observance of the safety instructions, no guarantee/liability can be accepted for any damage that may occur.

Intended use

This unit is a consumer electronics device. It must not be used outside closed rooms and in tropical climates. It may only be used in conjunction with external devices that comply with the regulations that are mandatory for CE marking. Do not modify the unit by tampering with it, this could result in damage to property or personal injury for which no guarantee/liability can be accepted.

Do not use any accessories other than those described in this manual.

Cleaning

- Be sure to disconnect from the mains before cleaning.
- The surface should be wiped from time to time with a soft, possibly slightly damp cloth.
- Never use abrasive cleaning agents or cleaning solvents for cleaning, as this could damage the appliance.
- Do not use abrasive cleaning utensils to avoid scratching the surface of the appliance.
- Make sure that no water enters the housing.
- Never immerse the unit or accessories in water or other liquids. Risk of electric shock!

Disposal

- **Disposal of packaging**

Packaging and packaging aids are recyclable and should be returned for reuse.



- **Disposal of batteries**

Rechargeable batteries and batteries do not belong in household waste! As a consumer, you are legally obliged to return used rechargeable batteries and batteries. You can return them to the local collection points in your municipality or to specialist retailers.



- **Disposing of the product**

When this product has reached the end of its life, please do not throw it into the household waste. For the sake of the environment, take it to a materials or recycling centre where old appliances are accepted and recycled in an environmentally friendly manner.



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