

F6

Funkkopfhörer

Wireless Headphones

Casque sans fil

Auriculares inalámbricos

Cuffia radio

Słuchawki bezprzewodowe



F6 Wireless Headphones – Operating Instructions

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1 General

1.1 Warranty

The following instructions must be complied with in order for any warranty to be applicable regarding functionality and safe operation of this equipment.

- Read these operating instructions prior to operating the product.
- Use the product only as intended.
- Repairs and maintenance must only be carried out by specialist technicians or other suitably trained personnel. Only spare parts approved by Hermann Sewerin GmbH may be used when performing repairs.

- Changes or modifications to this product may only be carried out with the approval of Hermann Sewerin GmbH.
- Use only Hermann Sewerin GmbH accessories for the product.

Hermann Sewerin GmbH shall not be liable for damages resulting from the non-observance of this information. The warranty conditions of the General Terms and Conditions (AGB) of Hermann Sewerin GmbH are not broadened by this information.

In addition to the warnings and other information in these Operating Instructions, always observe the generally applicable safety and accident prevention regulations.

The manufacturer reserves the right to make technical changes.

1.2 Intended use

The **F6** wireless headphones can be used to listen to noises in leak detection. The **F6** headphones are intended for commercial use.

The **F6** wireless headphones are an optional accessory for SEWERIN devices featuring SDR (Sewerin Digital Radio).

1.3 Safety information

- Never drop the **F6** headphones.
- If the **F6** headphones are worn properly on the head, they are splash-proof. Please note that this does not apply when the headphones have been removed. Moisture must not be allowed to penetrate the open side of the ear cup.
- Excessive noise can cause permanent damage to hearing. Always set the volume to a safe level.

2 Product description

2.1 Setup



The battery compartment is located inside the left ear cup. It is concealed by the inner cushion.

2.2 Distinguishing between the ear cups

The left and right ear cups of the **F6** headphones can be identified from the stickers.



Right ear cup



Left ear cup

The sticker for the left ear cup also serves as the ON/OFF button.

2.3 What the LEDs mean

The LEDs are integrated in the ON/OFF button.

LED	Signal	Significance
Green	Light permanently on	F6 ready for operation
Red	Flashing	Undervoltage > replace/charge batteries
	Light permanently on	Charging underway or complete

2.4 Power supply

The **F6** headphones can be operated with either disposable or rechargeable batteries.

When the red LED starts flashing, it means that the remaining life of the disposable or rechargeable batteries is limited.

- Charge the rechargeable batteries (see Section 4.1).
- Replace the disposable batteries (see Section 4.2).

Rechargeable batteries can also be changed if required.

2.5 Automatic power off

The **F6** headphones will automatically switch off after 4 hours to conserve energy.

Note:

If there is a bidirectional radio connection to a SEWERIN device, the **F6** headphones will not switch off.

3 Listening to noise with the F6 headphones

3.1 Preparing the headphones for operation

To be able to listen to noise with the **F6** wireless headphones, you must first establish a radio connection to the SEWERIN device.

1. Switch on the device.
2. Switch on the **F6** headphones by pressing the ON/OFF button.

The green LED will illuminate. The radio connection will be established automatically.

When both the **F6** headphones and the SEWERIN device are switched on, they form an integral unit. If another SEWERIN device with SDR is switched on within the range, it

will not affect the radio connection between the two components.

3.2 Range of the radio connection

The radio connection between the SEWERIN device and the **F6** headphones is limited by the maximum range. Once out of the range, the radio connection will be lost. The user will no longer hear any noises.

- Move back to within the reception range to listen to noises again.

4 Maintenance

4.1 Charging the batteries

Rechargeable batteries can be charged in the **F6** headphones.

The **AC/DC adapter M4** is required for the charging process. Alternatively, a **vehicle cable M4** can be used. The AC/DC adapter and vehicle cable are available to buy as accessories.

CAUTION!

An AC/DC adapter or vehicle cable must only be connected when the **F6** headphones are fitted with rechargeable batteries!

1. Plug the charging plug of the AC/DC adapter or vehicle cable into the charging socket of the **F6** headphones.
2. Connect the AC/DC adapter or vehicle cable to the power supply.

The batteries will start to charge. The red LED on the **F6** headphones will illuminate.

Note:

It is not possible to overcharge the rechargeable batteries. The red LED will remain on even after the batteries have been fully charged.

The red LED on the **F6** headphones will go off as soon as the charging plug has been removed from the charging socket.

4.2 Replacing the batteries

The battery compartment is located in the left ear cup (with ON/OFF button).

1. Remove the inner cushion from the left ear cup.
2. Open the cover of the battery compartment.
3. Replace the (rechargeable) batteries. Ensure that the new batteries are inserted with the correct polarity.
4. Close the battery compartment with the cover.
5. Place the inner cushion back into the ear cup.

4.3 Adjusting the headphones

4.3.1 Adjusting the headband width

- Pull the wire headband evenly out of the sleeves on the joint or slide the band further into the sleeves.

Pull gently so that the headband does not pop out of the sleeves.

4.3.2 Reducing the contact pressure

- Pull the two ear cups apart so that the headband is slightly stretched.

Do not stretch it too far. The width of the headband can only be reduced again a limited extent.

4.4 Replacing the ear cushions

The ear cushions can be replaced.

Note:

Change the ear cushions at room temperature where possible. Cold temperatures can cause the edge of the cushion to tear.

1. Remove the old ear cushion.
2. If necessary replace the inner cushion.
3. Slide the new ear cushion over two adjacent corners of the ear cup.
4. Preferably pull the cushion diagonally towards one of the opposite corners and slide it over the corner.
5. Finally pull the cushion over the fourth corner.
6. Check the edge of the cushion. It should lie flat on the ear cup.

5 Appendix

5.1 Technical data

Dimensions (W × D × H)	approx. 170 × 220 × 90 mm
Weight	360 g
Marking	Contains: FCC ID WSP-EZ1300102 IC 7994A-EZ1300102
Operating temperature	-20 °C – +60 °C
Storage temperature	-25 °C – +60 °C
Humidity	15 % r.h. – 90 % r.h. non-condensing
Protection rating	IP54 (when properly fitted)
Power supply	2 AA cells, either: <ul style="list-style-type: none">• NiMh rechargeable batteries (minimum 1900 mAh each)• Disposable batteries

Operating time, typical	10 h
Charging time	3.5 h
Charging temperature	5 – 40 °C
Charging voltage	12 V
Charging current	600 mA
Transmission frequency	2.408 – 2.476 GHz 38 channels
Radio range	>2 m
Transmission bandwidth	0 – 12 kHz
Communication	SDR (Sewerin Digital Radio), bidirectional
Power	10 dBm

5.2 Accessories

Part	Order number
AC/DC adapter M4	LD10-10001
Vehicle cable M4, 12 V= installed	ZL07-10000
Vehicle cable M4, 12 V= portable	ZL07-10100
Vehicle cable M4, 24 V= portable	ZL09-10000

Other accessories are available for the device. Please contact our SEWERIN sales department for further information.

5.3 EC Declaration of Conformity

Hermann Sewerin GmbH hereby declares that the **F6** wireless headphones fulfil the requirements of the following guideline:

- 1999/5/EC

The product belongs to radio equipment device class 1.

The complete declaration of conformity can be found online.

5.4 Advice on disposal

The European Waste Catalogue (EWC) governs the disposal of appliances and accessories.

Description of waste	Allocated EWC waste code
Device	16 02 13
Disposable battery, rechargeable battery	16 06 05

End-of-life equipment

Used equipment can be returned to Hermann Sewerin GmbH. We will arrange for the equipment to be disposed of appropriately by certified specialist contractors free of charge.

FCC Compliance Statements

The device 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 device is operated in a commercial environment. The device 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 device 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.

Hermann Sewerin GmbH

Robert-Bosch-Straße 3 | 33334 Gütersloh · Germany

Telefon +49 5241 934-0 | Telefax +49 5241 934-444

www.sewerin.com | info@sewerin.com