

**Note:**

The rounded side of the battery is negative and the flat side is positive. The flat side (+) must go on the side with the red dot.

Attention:

Correct insertion of the battery is very important, since incorrect or forceful insertion may cause the battery compartment flap to break off.

Step 4

Close the battery compartment with the inserted battery, in order to switch on the device. To switch off the device, pull the battery compartment flap open.

Please dispose of used batteries in an environmentally compatible manner. Do not put batteries into your mouth. Seek medical advice immediately if you swallowed a battery.

4 Feedback (whistling)

When first inserting LUXX PRO earplugs, you may hear a whistling sound. We recommend that you practise inserting them without batteries until you have perfected handling.

Whistling or squeaking (feedback) happens when the sound leaves the speaker and is rerouted to the microphone again, which will cause a feedback loop.

This loop will often be caused by an object or a flat surface, such as your hand or a hat, reflecting the sound and causing a feedback loop in your device. The „whistling“ feedback should disappear when you move your hand away from your ear or correct the angle or proximity of another object near your ear.

5 Selecting the amplification

Once the battery has been inserted and the battery compartment is closed, the LUXX PRO hearing protection is active and set to level 1. When pushing the button, levels 1 to 4 are switched through.

When first pushing the button, there will be 2 sounds and the 2nd level will be activated. When pushing the button again, there will be 3 sounds and the 3rd level will be activated. Another push of the button will switch to the 4th level of the device and trigger a four-fold sound. The levels can be switched through, i.e. pushing the button again in level 4 will return the device to level 1.

Explanation of levels 1 to 4

Level 1: Hearing protection active

Level 2: Hearing protection active, amplification of ambience sounds by 14 dB
Level 3: Hearing protection active, amplification of ambience sounds by 18 dB
Level 4: Hearing protection active, amplification of ambience sounds by 22 dB.

6 Maintenance and servicing of the LUXX PRO

Open the battery compartment completely after use to let internal moisture evaporate and to keep from damaging the device.

Clean your LUXX PRO with a dry rag and the enclosed cleaning brush after every use. Earwax and dirt are the most frequent cause of problems.

Remove the earpieces if necessary and clean them with warm water. Check for cracks and damage. Replace if necessary.

Please keep the device in a cool and dry location. Please keep it away from children and pets.

Do not drop the device.

Please remove the device before using hair spray, perfume sprays or shaving lotions.

If your device no longer works, check the battery. Ensure that the battery is not empty and that it is inserted correctly. Do not close the battery compartment forcefully.

7 lab insulation tables

Measured with 2CC Coupler in dB SPL in Affinity measuring box

Output per program setting				
	Prog 1	Prog 2	Prog 3	Prog 4
Input 50 dB				
500 Hz	32,4	37,4	44,7	52,0
1000 Hz	25,8	50,6	54,2	60,2
2000 Hz	24,4	54,4	57,6	64,6
4000 Hz	24,9	46,8	50,0	53,6
8000 Hz	27,0	26,2	26,8	26,5
Input 70 dB				
500 Hz	52,6	56,7	61,3	69,0
1000 Hz	26,7	60,7	62,2	66,1
2000 Hz	28,3	64,4	65,4	70,5
4000 Hz	24,9	56,5	57,5	59,0
8000 Hz	26,7	26,5	26,3	27,2
Input 90 dB				
500 Hz	72,5	73,3	74,3	76,7
1000 Hz	38,5	71,7	70,8	72,2
2000 Hz	48,5	75,0	73,5	75,9
4000 Hz	30,2	66,6	65,2	64,0
8000 Hz	30,6	31,0	30,9	30,7

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If a product of Medizintechnik Dipl.-Ing. Heise Vertriebs GmbH has any defects of material or craftsmanship, or if any express promise for a specific purpose is not met, the sole obligation of Medizintechnik Heise and your only claim shall be that Medizintechnik Heise, subject to the free decision of Medizintechnik Heise, repair or replace such parts and products or reimburse the purchasing price if you inform us about the matter in time and confirm that the product was kept, serviced and used according to the written instructions of Medizintechnik Heise.

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**Hearing protection according to DIN EN 352
with level-specific insulation function**

- Operating instructions -



LUXX PRO

Hearing protection according to DIN EN 352
with level-specific insulation function

Congratulations and thank you for choosing the **LUXX PRO** hearing protection. The earplugs serve as hearing protection in loud environments, while they enable you to hear ambience sounds.

Safety information

Before using the **LUXX PRO** earplugs, you must have read and understood all safety notes in these instructions, which must be observed. These instructions must be kept for future use.

Warning

If the information and recommendations in these instructions are not observed, the protective effect of the earplugs will drop considerably.

Bad fit and wrong handling will reduce the sound protection effect. The enclosed instructions must be observed so that the hearing protection will fit well and seal the ear canal.

Improper or negligent use in noisy environments may cause hearing damage or injury.

Attention

Hearing protection should be used in connection with a hearing protection program that includes monitoring, audiometric examination and documentation of the results. Please contact a specialist for health and safety at the workplace for any further information.

If the **LUXX PRO** hearing protection is worn according to the operating instructions, it will reduce the stress

from permanent noise, industrial noise, noise of aircraft and ground vehicles and in particular the stress from very loud sound peaks such as gunshots. When using hearing protection in the shooting stand and for hunting, the performance of the **LUXX PRO** depends on the type of weapon, the sequence of shots fired and the duration of the stress. Ensure proper handling and care for the hearing protection.

Only use genuine **LUXX PRO** earpieces. Do not insert the hearing protection plugs into your ear without a properly adjusted **LUXX PRO** earpiece, since the protective effect will otherwise be insufficient.

Please observe

Ensure that the hearing protection plugs are inserted, adjusted and serviced according to these operating instructions.

The hearing protection plugs must be reviewed for proper function at regular intervals.

Temperature range for storage: -20°C to 60°C (-4°F to 140°F)

Operating temperature range: 0°C to 50°C (32°F to 122°F)



This product contains electrical and electronic components and must not be disposed of in the domestic waste.

Parts

LUXX PRO earplugs, two earpieces each in three different sizes, two 1.45 V batteries, cleaning brush, storage box.

Operating instructions

1 LUXX PRO properties

- High sound quality at the latest status of digital technology
- A unique patented construction permits comfortable fit
- Simple operation by push-button
- Easy to handle when inserting in and removing from the ear
- Four programs for noise suppression/amplification

2 Selecting the earpieces

The **LUXX PRO** hearing protection must be work with fitting earpieces. Three different sizes are enclosed. To select the right earpieces, start with the middle size and push it onto the earplug.

Find the serial number on the reverse.

The blue serial number is for the left ear and the red one for the right ear.

Then insert the **LUXX PRO** hearing protection with the earpiece into your hear and ensure that it is small enough to enter the ear canal and fit securely. It must be large enough to securely seal the ear canal. If necessary, switch to the large or small size. If you are using the wrong size, we cannot guarantee for secure fit and therefore secure protection.

If the earpiece fits well, ambient sounds must appear much quieter and the **LUXX PRO** must remain safely in the ear canal when pulling it gently. Cover your hands closely with both hands to test the hearing protection. Noise should be roughly the same with covered and uncovered ears.



3 Inserting the battery

Step 1

Please use only branded 10 A 1.45 V batteries, since there may be size or performance deviations otherwise. Removing the safety film will activate the battery. Pull off the safety film only when you need the battery. The batteries will need up to two minutes before they are fully activated. Ensure that there is no glue left on the battery that may block the activation holes. Also ensure that no earwax contaminates the output of the hearing protection and the ear canal.

Note:

Due to the small size, we recommend inserting and removing the batteries on a table or a suitable surface to reduce the risk of them falling off.

Step 2

Carefully pull the battery compartment flap upwards with a fingernail until the flap is opened. Make sure that you do not push the dampening controller. Do not open the battery compartment too far; this may damage the flap.



Step 3

The battery compartment with the red dot is facing you. So is the flat side of the battery. Now insert the battery under the front flap. Stowing away the battery under the front edge permits complete insertion of the battery.

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sileno  **s**

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