

Art.no 39010



Rechargeable
NiMH batteries



Tone control
Audio intake
Variable attenuation
Guide voice

AM/FM-Radio and level dependant



sn
REACT
Hellberg

Easy steps for correct fit and maximum hearing protection



1 Smooth hair away from ears.



2 Pull ear cups down to lowest position.



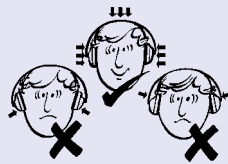
3 Place ear cups securely over ears.
Ears must be fully enclosed.



4 Adjust side arms on each side for comfortable fit.



5 Headband should be centered on top of head.



6 For maximum protection contact pressure points should be equal.

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Use, care and maintenance of my hearing protector

All hearing protectors included in this instruction sheet are equipped with either a headband or spring arms of thermoplastic and foam plastic filled cushions.

Use

To attain highest comfort and protection from this hearing protector you shall:

- use, take care of and adjust the protector in accordance with the instructions below.
- regularly check that no parts are worn-out and that there are no cracks in the protector.

Adjust (Headband)

Adjust the protector to its largest size and put it on. Ensure that your ears are totally enclosed by the cups and that you get an even pressure around your ears. Now adjust the cups so that the headband rests lightly on your head.

Adjust (Helmet mounted)

Adjust the earmuff to the largest size, then fit the earcups over your ears so that they sit comfortably and snugly. Now re-adjust the helmet so that it sits lightly on your head.

Warning

If the above instructions are not observed attenuation can dramatically decrease.

Care

The hearing protector and the cushions will wear and must be checked regularly. Clean with mild detergent (soap). You must be sure that the detergent does not irritate your skin. The hearing protector should be kept in a dry and clean place.

Maintenance

Remove the self-adhesive cushion. Remove the protective film from the replacement cushion and place the cushion around the hole and press. Choose the right hygiene kit for your hearing protector.

Recharging battery

Connect headset to mains (or vehicle) power charger by jack plug into input socket. Charge for 10 hours. Caution do not leave headset on charge for more than 48 hours. Each 10 hour charge gives approx 50hours use.

Read the instructions carefully before use.

Warranty

Congratulations on your purchase of a Hellberg Electronic Hearing Protector, a technologically advanced product.

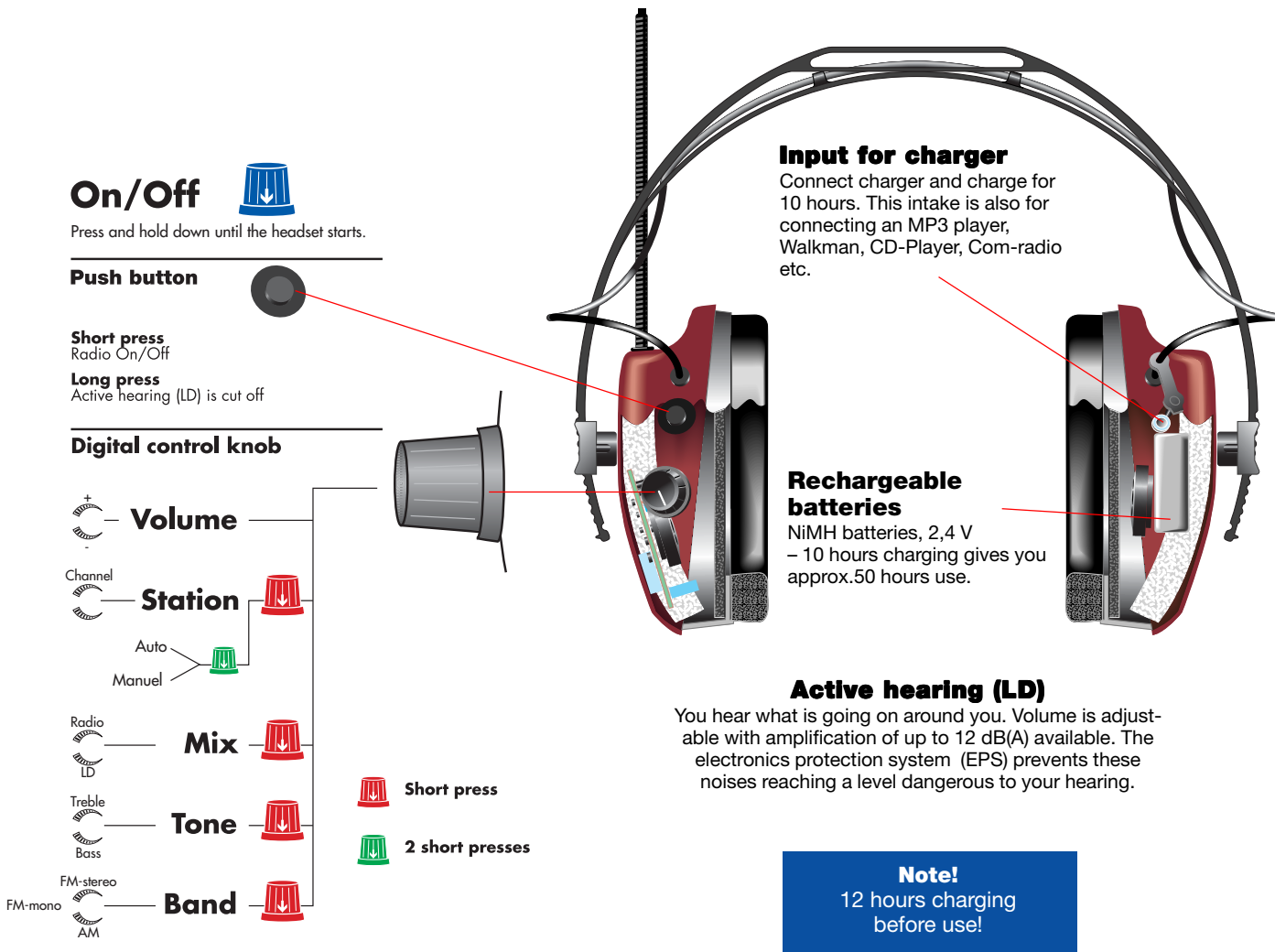
The product you have purchased is covered by a 12 month manufacturers conditional warranty (lifetime on batteries). Hellberg warrants that should any material or workmanship defect cause this headset to operate incorrectly within the period of 12 months from purchase date then they will repair or replace, at their discretion, defective parts at no charge.

This warranty does not cover faults occurring due to misuse, abuse, neglect and is void should it be altered or serviced by an unauthorized service agent.

Note:

In the event that service is required please contact your nearest distributor who will validate your claim for warranty and arrange for servicing. You will need proof of purchase in the form of a receipt and your battery charger (where applicable) must be returned together with the product. For service after the warranty, essential or periodic, we recommend that you also contact your Distributor.

Instructions for React AM/FM



On/Off



Press and hold down until the headset starts.

Push button



Short press
Radio On/Off

Long press
Active hearing (LD) is cut off

Digital control knob

Volume

Station

Auto
Manual

Mix

Tone

Band

- Short press**
- 2 short presses**

Input for charger

Connect charger and charge for 10 hours. This intake is also for connecting an MP3 player, Walkman, CD-Player, Com-radio etc.

Rechargeable batteries

NiMH batteries, 2,4 V – 10 hours charging gives you approx.50 hours use.

Active hearing (LD)

You hear what is going on around you. Volume is adjustable with amplification of up to 12 dB(A) available. The electronics protection system (EPS) prevents these noises reaching a level dangerous to your hearing.

Note!
12 hours charging before use!

Charging:

You must charge your NiMH rechargeable battery before use!

We recommend that the first charge be 12 hours. A subsequent charge of 10 hours provides approximately 50 hours of use. To charge, insert the charger jack firmly into the socket on the right ear cup. Plug the charger into any standard three prong outlet. The React has an automatic 4 hour shutoff to maximize power savings. To restart after automatic shut off, press the control knob down for 2-3 seconds and release once the unit turns on.

Note: Unit not designed to be left on charge continuously.

The React is designed to be worn with the active listening microphones facing forward.

Controls

The React has a built-in Guide Voice that tells you what mode you are in. You have approximately 15 seconds to make a change once you change the mode. The React will always return to Volume mode if no change is made within 15 seconds. The Guide Voice will tell you what mode you are in whenever you press and release the control knob.

The control knob is located behind the left-hand ear cup. The control knob is used to switch to the following modes:

On/Off, Volume, Auto Seek/Manual, Station selection, Mix, Tone and Band

The control button is located behind the left-hand ear cup above the control knob. The control button is used to switch between the active listening mode and the radio mode.

Note: your React will stay on the band, station and other settings last used when turned off. The React is preset at FM Stereo and Auto Seek mode.

First Step: Active mode

Turn the unit on by pushing down and holding the control knob for 3 seconds. Release the knob when the unit turns on. You are now in the Active Listening Mode. To increase the volume Turn the control knob clockwise and the volume will increase (unless already on maximum). Turn the control knob counterclockwise to decrease the volume. Three short beeps will indicate that you have reached the maximum or minimum volume setting.

Second Step: Combination Mode: Radio and Active Listening function

With the unit turned on:

1. Press and release the control knob. You will hear the radio and the noise in your surrounding. You are now in the Combination Mode.
2. To adjust the Volume of the radio and active listening function turn the Control knob clockwise to increase the volume and counterclockwise to decrease the volume. Three short beeps indicate the volume is at the maximum or minimum level.
3. To Change the radio station: Press and release the control knob. The Guide Voice will announce, "Station". To change a station turn the control knob clockwise to go up the AM/FM scale or counterclockwise to go down the AM/FM scale. The React comes with an Auto/Seek function. A quick turn and release of the control knob and the Auto/Seek function automatically finds the next available radio station. Repeat until you find your station of choice.
4. The Mix Mode allows you to bring the radio or active listening function to the forefront of your listening. For example, you might want the radio to be more prominent while wearing the React. To adjust the mix between Active hearing and radio quickly press and release the control knob. The Guide Voice will announce, "Mix". Turn the control knob clockwise to increase the prominence of the radio and counterclockwise to increase the prominence of the active listening function.
5. The Tone Mode allows you to adjust the treble or bass. Quickly press and release the control knob and the Guide Voice will announce, "Tone". Turn the control knob clockwise to increase the treble and counterclockwise to increase the bass.
6. The React comes preset in FM Stereo band. You can select from the following bands: FM Stereo, FM Mono-used for weak signals or AM. To switch the band quickly press and release the control knob. The Guide Voice will announce, "Band". Turn the control knob clockwise or counterclockwise and the Guide Voice will announce the band setting.
7. To turn off the radio press and hold the control knob until the unit turns off. Two long beeps indicate the unit is off.

Extra option.

You can switch between the active listening mode and the combination mode by pressing and holding the control knob for approximately 3 seconds. Release when you hear the radio only. To return to the active listening mode quickly press and release the control button.

Manual Station Select Option:

The React is preset at the factory to automatically select the next available station. See Auto/Select under Station Mode above. In some areas where station signals are weak the Auto/Select feature might not work.

To activate the Manual Station Select Option:

1. Place the unit in Radio mode: (Press and hold the control button for 3 seconds and release when you hear only the radio)
2. Quickly press and release the control knob, the Guide Voice will announce, "Station":
3. Quickly press twice and release the control knob (similar to a computer mouse click), the Guide Voice will announce whether the unit is in Auto Select or Manual. If the Guide Voice announces, "Auto", quickly press the control knob twice (mouse clicks) and the unit will switch to Manual. You can now switch radio station manually by turning the control knob to find your favorite station.

Note: the manual station selection has been included to ensure that you can get the best reception on your chosen station - important if you live in border signal areas.

Technical Specifications

- Batteries – 2.4 V, NiMH, 10 hours charging for approx. 50 hours use
- Weight – 12.8 oz.
- Sound level limitation – to max. 80 dB(A)
- Sound reproduction – Stereo or Mono
- Auto power safe shut off after 4 hours
- Amplification – max. 12 dB(A)
- Channel: FM band 88–108 MHz
- Frequencies: 20 – 20000 Hz
- Tested at ANSI S3.19

Freq. Hz	125	250	500	1k	2k	3.15k	4k	6.3k	8k	H	M	L	NNR
Mean value	17,9	22,1	31,7	37,2	33,6	31,7	40,1	41,7	41,6	32	30	23	27
1 std. deviation	2,1	1,4	2,6	2,3	1,8	2,1	2,2	2,6	3,3				

Accessories

Hellberg Fresh

Self-adhesive hygiene ring, which is perspiration absorbing and makes the hearing protector more comfortable and hygienic. Art. No. 99900

Hygiene kit

Other cushions and inner foam pads should be replaced at least once every six months. Art. No. 99040.