



Rechargeable NiMH batteries



Tone control  
Audio intake  
Variable attenuation



sn  
**ACTIVE**  
Hellberg

Active listening and variable attenuation

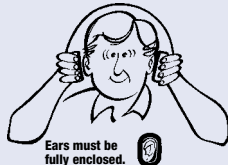
### Easy steps for correct fit and maximum hearing protection



1 Smooth hair away from ears.



2 Pull ear cups down to lowest position.



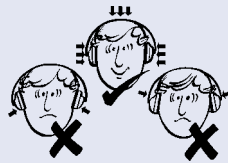
3 Place ear cups securely over ears.  
Ears must be fully enclosed.



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.

[www.hellbergsafety.com](http://www.hellbergsafety.com)

Read B1 - 01.10.2004

## 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.

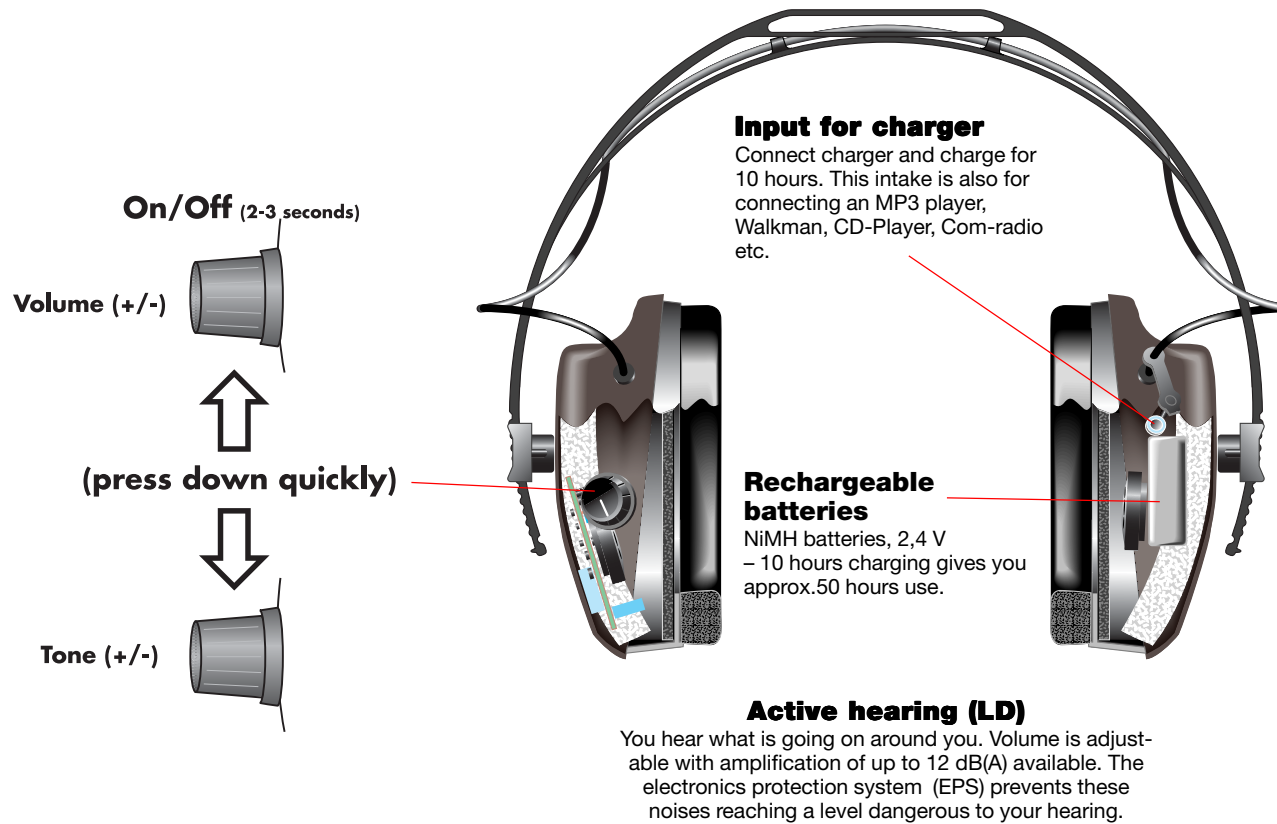
This warranty does not cover faults occurring due to misuse, abuse, neglect and is void should it be altered or serviced by an unauthorized service agent.

### 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 Active

## Step by Step



### Starting your Active hearing protector

1. Press the control knob in until it activates
2. Adjust the volume by turning the control knob

### Adjusting the Tone control

1. With the Active on press the control knob in again and you will hear 2 beeps, which indicates headset is in the Tone mode
2. Turn the control knob anti clock wise to decrease the high frequency back ground noise - the bass increases
3. Turn the control knob clock wise to decrease the low frequency back ground noise - the treble increases

#### Example of high frequency background noise

Turbine engine, electrical saw, etc

#### Example of low frequency background noise

Diesel engine, generator etc

### Turning your Active off

- 1 Press the control knob in until the unit turns off

**Note** Following adjustments the electronics will automatically return the Control Button to the volume mode after 10 seconds.

**Note!**  
12 hours charging before use!

## Technical Specifications

- Batteries – 2,4 V, NiMH, 10 hours charging for approx. 50 hours use
- Weight – 12.3 oz
- 4-hours auto-cut-off
- Sound level limitation – to max. 80 dB(A)
- Amplifier max. 12 dB(A)
- Stereo sound reproduction
- Frequency range: Primarily 500-3000 Hz (speech)
- Tested: according to ANSI S3.19/NVLAP

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

**Handsfree cable**  
for mobilphone. Art.nr 39915.

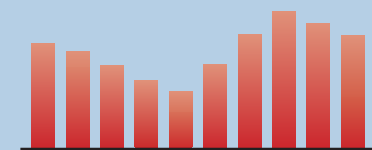
**AUX cable**  
Walkman, MP3-, CD-spelare, kom-radio etc. Art.nr 39910

**Charger kit for cars**  
To be plugged into the connection of the cigarette lighter, 12/24 V. Art. No. 26335-12-24

**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.

## Tone control



**Tone control, high and low frequency – reshape frequencies to your personal tuning**