

# Xstream

## Bluetooth® hearing protection.

Hearing protector with excellent sound quality for a great listening experience. Just connect the headset via Bluetooth to your phone and stream your favourite music or make a phone call.

### 1. Xstream LD Headband

Article nr: 48001-001

### 2. Xstream Headband

Article nr: 48000-001

### 3. Boom Microphone

Article nr: 16982-001

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## Overview/Features

With Hellberg Xstream your hearing is protected while you enjoy your favourite music with great sound quality, streaming from your mobile phone via wireless Bluetooth® technology.

 **Waterproof (class IPX4 – heavy rain)**

 **Active Listening (Xstream LD model)**

 **Bluetooth®**

 **Built-in speech mic and optional boom mic**

 **USB charging**

 **Push-button controls**

### Designed for music

Xstream is developed with music listening in focus and the excellent sound quality is achieved with a patented speaker design, that allows you to enjoy headphone-class music listening in a hearing protector.

### Bluetooth®

- Easy set-up and quick pairing
- Seamless connection
- Listen to your preferred streaming service
- Make phone calls

### Hands-free phone calls in noise

A built-in speech microphone lets you to make phone calls while carrying on with you work tasks. An optional noise cancelling boom-microphone is available as an accessory, to enhance the speech quality while working in high noise levels.

### Active Listening (Xstream LD model)

Level dependent “Active Listening” microphones in each ear cup lets to stay alert to your surroundings while still wearing your hearing protection. Communicate with your colleagues, hear warning signals and other important sounds without ever compromising your safety and hearing.

### Rechargeable battery

- 50 hours run-time
- 100 hours stand-by
- 3 hour quick-charge
- USB charging cable included

### Waterproof

Xstream is tested to waterproof class IPX4, meaning that you can use the product in heavy rain.

### Voice assistant

Supports Apple SIRI and Google Assistant. Activate the function and control the music playback or phone call with your voice.

### EPS (Electronic Protection System)

Limits the sound through the speakers to a safe level of max. 82dB.

### Energy save function

- Auto shut-off after 6 hours of inactivity
- Saves the battery if left on when leaving work etc.

## Technical data

- Operation temperature: -20/+55
- Battery type: Lithium-Ion
- Run-time: 50 hours
- Stand-by time: 100 hours
- Bluetooth® version: 4.1, A2DP 1.2, HSP 1.1, HFP 1.6
- Criterion level EN 352-4 (LD) H 109 dB, M 106 dB, L 94 dB
- Weight Headband: 386g / 13.62oz

## Attenuation data

**Xstream / Xstream LD; EN 352-1:2002, H-32dB, M-26dB, L-17dB, SNR 29dB**

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	14,6	14,0	18,7	26,7	34,4	33,7	35,6	35,1
Std. dev	3,6	4,0	2,9	2,2	2,2	3,1	2,9	4,9
APV	11,0	10,0	15,8	24,5	32,2	30,6	32,7	30,2

**Xstream / Xstream LD; ANSI S-3.19-1974: NRR 25, CSA Z94.2-02: Class A**

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000
Mean Attenuation	17,0	20,2	29,9	38,8	38,6	37,9	39,4	39,8	39,5
Std. dev	3,0	2,6	2,4	3,9	2,4	3,3	3,8	3,0	3,2

## Articles / Accessories

Part no	Description
48001-001	Xstream LD Headband
48000-001	Xstream Headband
16982-001	Boom Microphone
16999-001	Windshield Boom Microphone
1059-001	Windshield Level Dependent Microphone
39926-001	USB Charging Cable
99403-001	Hygiene kit Electronics
99900-001	Fresh Sweat Absorber