

Synergy DR

FM & DAB+ Radio, Active Listening, Bluetooth®, Mobile App.

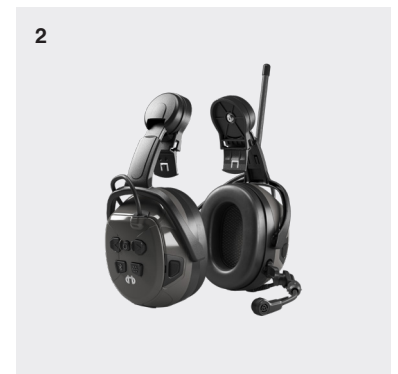
Synergy DR is a hearing protector with an FM and DAB+ radio receiver, Active Listening microphones for ambient awareness, Bluetooth® technology for phone calls and streaming, as well as a noise-reducing boom microphone that provides clear call quality even in high-noise environments. With the Hellberg SafetyHub app, you gain access to even more features, such as managing favorite stations and adjusting audio settings.

1. Synergy DR Headband

Article nr: 49022-001

2. Synergy DR Helmet Mount

Article nr: 49122-001



Features

 **DAB+ Radio**

 **FM Radio**

 **Bluetooth®**

 **Qualcomm® aptX™ HD**

- Listen to radio while working
- Music streaming with excellent sound quality
- Hellberg SafetyHub App

 **Hellberg SafetyHub App**

 **Active Listening**

 **Boom Microphone**

 **Water- and Dustproof to IP56**

DAB+ Radio

DAB (Digital Audio Broadcasting) transmits sound digitally and offers great sound quality and a wider range of stations than FM. After an initial station scan, it is easy to switch between DAB stations without having to search again.

FM Radio

For areas where DAB is not available, this latest generation FM radio receiver features an exceptional listening experience.

High Resolution Audio Streaming

Support for Qualcomm® aptX™ HD with 24-bit audio, providing better sound with rich details and dynamics.

Bluetooth® Multi-Point Technology

Bluetooth® offers wireless connection to your mobile phone. Easy set-up and seamless connection. Make phone calls and stream your entertainment without ever compromising your safety. Multi-Point technology allows you to pair two phones simultaneously. Perfect when you need to use both a work phone and a personal phone.

Works with Hellberg SafetyHub App

When connected to the Hellberg SafetyHub app, you can control the product directly from the app, see which radio station you are listening to, find additional broadcast information and edit favorite station lists for quick access. The app also provides additional settings for audio and Active Listening functions.

Active Listening

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

Focus Mode

Stay focused and never miss important instructions. Focus Mode quickly raises the Active Listening function to the maximum level and lowers the volume of all other sounds.

Noise-reducing Boom Microphone

The noise-reducing boom microphone enables clear communication even in noisy environments. It is flexible and easy to move aside when not in use.

Water- and Dustproof to IP56

Designed for professional use in tough conditions, ensuring safe and reliable product performance in rain and dusty environments.

Easy to Operate

Large rubber coated push buttons facilitate use even when wearing gloves. A voice assistant guides you through the menu settings.

USB-C Charging

The batteries charge quickly with the included USB charging cable. Simply connect it to a USB power source or use your mobile charger for a wall outlet.

Technical data

- Operation temperature: -20°C - 55°C (-4°F - 131°F)
- Battery type: Rechargeable Li-Ion
- Run-time: 48 hours
- Bluetooth® version: 5.4
- Criterion level EN 352-4 H=116 dB, M=107 dB, L=97 dB
- Weight Headband: 482g / 17.00oz
- Weight Helmet Mount: 524g / 48.48oz

Attenuation data EN

Synergy DR Headband; EN 352-1:2020, H-33dB, M-28dB, L-21dB, SNR 30dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	19,4	18,0	20,7	28,4	36,1	34,7	36,4	40,0
Std. dev	5,0	4,1	2,7	3,3	3,8	4,2	4,2	3,7
APV	14,4	13,9	18,0	25,1	32,3	30,5	32,2	36,3

Synergy DR Helmet Mount; EN 352-3:2020, H-35dB, M-27dB, L-20dB, SNR 30dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	17,0	18,3	19,8	26,7	34,0	37,7	38,2	37,7
Std. dev	4,0	2,9	2,9	3,7	2,5	3,9	2,0	3,6
APV	13,0	15,4	16,9	23,0	31,5	33,8	36,2	34,1

Spare parts & Accessories

Part no	Description
26046-915	Spare Headband Electronics
26108-910	Spare Helmet Arm
99403-001	Hygiene Kit Electronics
16982-001	Boom Microphone
16999-001	Windshield Boom Microphone
39929-001	USB-C Charging Cable
99404-001	Comfort Pad Gel Cushion
99900-001	Fresh Sweat Absorber
000-213-001	Headset Storage Bag