

3M™ PELTOR™ Radio DAB+ FM Headset

Hearing protection with built-in DAB+ FM Radio

Product Description

The 3M™ PELTOR™ Radio DAB+ FM Headset helps protect you from potentially harmful workplace noise while at the same time enjoy listening to the built in DAB+ (Digital Audio Broadcasting) or FM radio. The clear sound of the DAB+ stations, the voice guided menu system and ability to save your favourite stations makes the hearing protector flexible and easy to work with.

Key Features

- High attenuating hearing protector
- Built in DAB+ and FM radio
- Digital station search
- Ability to store up to 10 DAB+ and 5 FM favourite stations.
- Voice guided menu system to navigate the menu
- 3.5 mm listen only stereo input to connect to a cell-phone, two-way radio or other external devices (limited to 82 dB).
- Auto power off, the headset will turn off after 4 hrs of non-use to save batteries.
- Low-battery voice message.
- Uses two included AA alkaline batteries or the optional ACK03 rechargeable battery.

Applications

3M™ PELTOR™ Radio DAB+ FM Headset with built-in DAB+ and FM receiver can be used in noisy industrial sites as well as in fishery, farming or landscaping activities.

Standards and Approvals

Hereby, 3M Svenska AB declares that the product is in compliance with appropriate directives or regulations to fulfill the requirements for the CE marking. The full text of the EU declaration of conformity is available at the following internet address: www.3M.com/PELTOR/DOC. A copy of the declaration of conformity and additional information required in the directives or regulations can also be obtained by contacting 3M in the country of purchase.



HRXD7A-01



HRXD7P3E-01



Hearing protection with built-in DAB+ FM radio



Hearing protection with external audio input

Headset models

| Article number | Description | 3M ID | SAP ID |
|----------------|---|-------------|------------|
| HRXD7A-01 | 3M™ PELTOR™ Radio DAB+ FM, black, headband | UU008197905 | 7100113507 |
| HRXD7P3E-01 | 3M™ PELTOR™ Radio DAB+ FM, black, helmet attachment | UU008197913 | 7100114034 |

Accessories

| Article number | Description | 3M ID | SAP ID |
|----------------|--|-------------|------------|
| HY82 | 3M™ PELTOR™ HY82 Hygiene kit | UU008567388 | 7100122439 |
| FL6CE/1 | 3M™ PELTOR™ FL6CE/1 3.5 mm cable | XH001676952 | 7000108359 |
| ACK03 | 3M™ PELTOR™ ACK03 Battery pack, 1700 mAh, NiMH | XH001653464 | 7100064601 |
| FR03EU | 3M™ PELTOR™ FR03 Charger for battery pack ACK03, EU plug, 230V | XH001655444 | 7100064631 |
| FR03GB | 3M™ PELTOR™ FR03 Charger for battery pack ACK03, GB plug, 230V | XH001655451 | 7000107916 |
| FR03-12 | 3M™ PELTOR™ FR03-12 Charger for battery pack ACK03, 12V | XH001655436 | 7000107915 |
| HY100A | 3M™ PELTOR™ HY100A Clean hygiene pad | XH001651351 | 7100064410 |

Technical data specifications

| | |
|----------------------------------|---|
| Materials: | Headband HRXD7A-01 Headband (PVC, PA) Headband wire (stainless steel) Cushion (PVC foil and PUR foam) Foam liner (PUR foam) Cup (ABS) Antenna (PE, ABS, TPE) Volume knob/channel knob (PP/TPE) Battery caplid (PP/stainless steel) Helmet attachment/Hardhat HRXD7P3E-01 Cup supporting arm (stainless steel) |
| Battery type: | 2xAA batteries (Alkaline) |
| Operating time: | Approximately 23 hours of battery lifetime (DAB-mode) Approximately 31 hours of battery lifetime (FM-mode) |
| Weight (batteries incl.): | HRXD7A-01 (headband): 341 g HRXD7P3E-01 (helmet attachment): 361 g |
| Operating temperature: | -20°C to +55°C (battery dependent) |
| Storage temperature: | -20°C to +55°C |
| Shelf life: | 5 years excl. batteries |
| Wired connectivity: | 3.5mm listen-only stereo input jack (limited to 82 dB) |

Use limitation: Never modify or alter this product

Attenuation

HRXD7A-01

EN352-1:2002

| Frequency (Hz) <i>f</i> | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | SNR |
|---------------------------------------|------|------|------|------|------|------|------|-----|
| Mean Attenuation M_f (dB) | 16.1 | 25.0 | 33.9 | 35.5 | 32.6 | 34.9 | 33.7 | 31 |
| Standard deviation s_f (dB) | 2.3 | 1.6 | 2.6 | 2.2 | 2.9 | 2.2 | 2.4 | |
| Assumed Protection Value APV_f (dB) | 13.8 | 23.4 | 31.3 | 33.3 | 29.6 | 32.7 | 31.3 | |

H=31 dB M=30 dB L=22 dB



HRXD7P3E-01

EN352-3:2002

| Frequency (Hz) <i>f</i> | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | SNR |
|---------------------------------------|------|------|------|------|------|------|------|-----|
| Mean Attenuation M_f (dB) | 17.1 | 22.9 | 31.5 | 35.4 | 32.3 | 34.5 | 33.5 | 30 |
| Standard deviation s_f (dB) | 3.2 | 2.9 | 3.2 | 2.1 | 2.8 | 2.6 | 2.2 | |
| Assumed Protection Value APV_f (dB) | 14.0 | 20.1 | 28.3 | 33.3 | 29.5 | 31.9 | 31.3 | |

H=31 dB M=29 dB L=21 dB



In the box

- 1 x Headset
- 2 x AA batteries
- 1 x User Instruction

WARNING!

Hearing Protection Products*

This hearing protector helps reduce exposure to hazardous noise and other loud sounds. **Misuse or failure to wear hearing protection at all times when exposed to hazardous noise may result in hearing loss or injury.** For correct use, consult supervisor and User Instructions, or call 3M Technical Service. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, leave the noisy environment immediately and consult a medical professional and/or your supervisor.

Choking Hazard - Keep away from infants and small children.

CAUTION! Research suggests that users may receive less noise reduction than indicated by the attenuation value(s) on the packaging, due to variation in fit, fitting skill, and motivation of the user. Refer to your applicable regulations for guidance on how to adjust label values and estimate attenuation. In addition, 3M strongly recommends fit testing of hearing protectors. To learn more about hearing protection for impulse noise, please visit www.3M.com/hearing.

Warranty

The warranty does not cover any damage caused by neglected maintenance or careless handling.

For more information on maintenance, please see the user instruction. For complete warranty condition, contact your dealer or local 3M office

Important Notice

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M.

The user is responsible for determining the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.



3M Personal Safety Division
 3M Svenska AB, Box 2341
 SE-331 02 Värnamo
 Sweden
 Internet: www.3M.com/PELTOR

Please recycle. Printed in Sweden.
 © 3M 2018. All rights reserved.
 3M is a trademark of 3M Company, used under license in Canada. PELTOR is a trademark of 3M Svenska AB, used under license in Canada.