

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
- Voice guided menu system to navigate the menu
- Ability to store up to 10 DAB+ and 5 FM favourite stations.
- 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.
- Two models available: stand-alone headband or safety helmet attachment. Both feature long-lasting, stainless steel wire bands for consistent, comfortable wearing.
- Replaceable cushions and foam liners to be replaced regularly to maintain consistent attenuation, hygiene and comfort.

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 radio equipment type Radiobroadcast receiver is in compliance with Directive 2014/53/EU and other appropriate directives 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 can also be obtained by contacting 3M in the country of purchase. For contact information, see last pages of the user instruction. The product has been tested and approved in accordance with EN 352-1:2002/EN 352-3:2002, EN 352-8:2008.

Notified Body Statement of Opinion offered by:

FIOH, Finnish Institute of Occupational Health, Topeliuksenkatu 41 b, FI-00250, Helsinki, Finland.

Notified body #0403.

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 |



HRXD7A-01



HRXD7P3E-01



Hearing protection with built-in DAB+ FM radio



Hearing protection with external audio input

Technical data specifications

| | |
|----------------------------------|---|
| Materials: | Headband HRXD7A-01 Headband (PVC, PA) Headband wire (stainless steel) Two-point fastener (POM) Cushion (PVC foil and PUR foam) Foam liner (PUR foam) Cup (ABS) Antenna (PE, ABS, TPE) Auxiliary Port (Brass) Max 500 mV RMS Volume knob/channel knob (PP/TPE) Battery cap (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) f | 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 EN352-1:2002

| Frequency (Hz) f | 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



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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

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