

3M™ Peltor™ Technical Datasheet



PELTOR™

3M™ Peltor™ FM-radio

HRXS7*-01

Product description

The hearing protector radio is specially developed to improve safety and motivation for wearers in noisy conditions. It can also be used for activities such as mowing the lawn or other work when the wearer wants to listen to the radio without outside interruption.

Versions:

Article number	Description	3M ID number
HRXS7A-01	Hearing protector with FM-radio, head band	XH001673892
HRXS7P3E-01	Hearing protector with FM-radio, helmet attachment	XH001673918

Key Features:

- High attenuating hearing protector
- FM radio receiver
- Soft, liquid and foam-filled ear cushions provide added comfort
- Battery life time approx. 140 hours
- 3,5 mm stereo input jack for Mp3-player
- Radio circuit : 1G

Accessories and Spare parts:

Article number	Description	3M ID number
HY81	Hygiene kit	XL001652814
HY100	Disposable hygiene pads	XH001659289

Standards and Approval:

HRXS7*-01 is in conformity with the provisions set out in the PPE directive 89/686/EEC and the EMC directive 2004/108/EC. Thereby it fulfills the requirements for CE-marking.

The product has been tested and approved in accordance with EN 352-1:2002, EN 352-3:2002, EN 352-8:2008, EN55013:2001 +A1:2003 + A2:2006, EN55020:2007, FCC part 15 Class B and ICES-003. The earphone volume for music is measured at no more than 82 dB(A) equivalent noise level according to the PPE directive.

The product has been examined by:

FIOH, Topeliuksenkatu 41, FI-00250 Helsinki, Finland ID#0403.

Bay Area Compliance Laboratories Corp. (Shenzhen) 6/F, the 3rd Phase of WanLi Industrial Building, ShiHua Road, FuTian Free Trade Zone Shenzhen, Guangdong, China. A2LA certificate no: 3297.02



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Technical Data Specifications:

Materials:

Headband wire (stainless steel)

Two-point fastener (acetal)

Ear cushion (PVC foil and polyether foam)

Attenuation cushion (Polyether foam)

Headband (stainless steel sheet metal)

Headband padding (PVC, Polyether foamfoil)

Cup (ABS plastic)

Battery Type: AA 1.2–1.5V batteries can be used (NiMH, NiCd, Alkaline, Lithium, Manganese, etc), but only NiMH batteries can be recharged

Operating time: Approximately 140 hours of battery lifetime with included alkaline batteries

Net Weight: 340 g (headband), 370 g (helmet att.)

Operating temperature: -20°C to +55°C (battery dependent)

Storage Temperature: -20°C to +55°C

Charging Temperature: 0°C - +40 °C

Wired Connectivity: 3,5mm AUX input jack (limited to 82 dB)

In the box:

1 x Headset

2 x AA batteries (non re-chargeable)

1 x User Instruction

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.

HRXS7A-01

Frequency(Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17,6	26,2	34,9	37,7	33,3	35,7	36,8
Standard Deviation (dB)	2,9	1,8	2,5	2,6	3,4	2,1	3,3
Assumed Protection (dB)	14,7	24,4	32,3	35,0	29,9	33,6	33,5

SNR=32dB H=32dB M=31dB L=23dB

HRXS7P3E-01

Frequency(Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	16,5	22,0	31,6	33,8	31,1	33,5	35,4
Standard Deviation (dB)	5,5	3,7	4,6	4,0	2,8	1,6	3,3
Assumed Protection (dB)	11,0	18,3	27,0	29,8	28,3	31,9	32,1

SNR=29dB H=30dB M=27dB L=19dB

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.



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