3M™ Peltor™ Technical Datasheet

PELTOR™

3M™ Peltor™ Radio XP

HRXP7*-01

Key Features:

- Protect your hearing and listen to the radio - at the same time
- FM radio receiver (2G circuit)
- Stereo audio input: 3,5mm
- Comes with charger & re-chargeable battery pack
- Available with headband or helmet attachment
- Operating time: ~ 60 h

- On/Off & volume control
- Frequency tuning control
- Stainless steel headband with soft padding
- Soft ear cushions
- Charger (EU)
- Re-chargeable battery pack
- Stereo cable 3,5mm

Versions:

Description		3M art no	EAN/UPC	Colour
HRXP7A-01	Radio XP headband EU	XH001678735	7318640056428	Black
HRXP7P3E-01	Radio XP helmet attachment EU	XH001678743	7318640056435	Black
HRXP7A-01 ACK	Radio XP headband incl. ACK03 & FR03EU	XH001678909		Black
HRXP7P3E-01 ACK	Radio XP helmet attachment incl. ACK03 & FR03EU	XH001678917		Black

Standards and Approval:

HRXP7*-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 fulfils the requirements for CE marking. The product has been tested and approved in accordance with applicable parts of EN352-1:2002, EN352-3:2002, EN352-8:2008, EN50013:2001 + A1:2003 +A2:2006 and EN55020:2007.

PPE Certificate issued by FIOH, Finnish Institute of Occupation Health, Topeliuksen-katu 41 a A, FI-00250 Helsinki, Finland. NB ID#0403

Accessories and Spare parts:

Description		3M art no	EAN
HY73	Hygiene kit	XH001651054	93045087303
FL6CE	Stereo cable 3,5 mm	11003066724	
FR03EU	Charger	XH001655444	7318640041516
ACK03	Battery pack	XH001653464	7318640041509

Materials:
Headband wire (stainless steel)
Two-point fastener (headband wire)
Ear cushion (PVC foil and Polyester foam)
Attenuation cushion (Polyester foam)
Headband padding (PVC)
Cup (ABS)

Technical Data Specifications:
Power: Battery Type: 2 x AA 1,2-1,5V batteries (Ni-Cd, Alkaline, NiMH etc.), or re-chargeable battery pack (ACK03)
Operating time: ~ 60h (depending on battery brand and temperature)
Charging time: 8 hours (approx)
Net Weight: headband : 340g, helmet attachment: 370g
Operating temperature: -20 °C to +55 °C (battery dependent)
Storage Temperature: -20 °C to +55 °C
Charging Temperature: 0°C to +40 °C
Warranty: 2 years limited warranty (EMEA)

In the Box:
1 x Radio XP
1 x Charger (FR03EU)
1 x Rechargeable battery pack (ACK03)
1 x User Instructions
1 x 3,5mm stereo cable
2 x AA batteries

Attenuation :

HRXP7A-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

HRXP7P3E-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

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