

3M™ Peltor™ Technical Datasheet



PELTOR™

3M™ Peltor™ WS™ Headset XP, Ground Mechanic MT7H7AWS5-01 GB

Product description

The Peltor™ Ground Mechanic WS™ Headset XP features Bluetooth technology. The Bluetooth connection between headset and adapter ensures an efficient and safe push back. The headset provides effective noise attenuation when sound level is very high.

Article number MT7H7AWS5-01 GB
3M ID number XH001679634

Key Features:

- DSP (Digital Noise Reduction)
- Supports Bluetooth A2DP profile for streaming high quality stereo sound
- VOX (Voice Operated Transmit)

Application:

The Peltor™ Ground Mechanic WS™ Headset is designed to be used for Ground Mechanic work at airports (push back and service).

Accessories:

Article number	3M Id number	Description
ACK051	XH001679642	Rechargeable Battery
FR05	XH001655469	Charger
HYM1000	XH001651328	Hygiene tape for boom mic



Testing and Approval:

MT*H7*WS5* is in conformity with the provisions set out in the PPE directive 89/686/EEC and the R&TTE directive 1999/5/EC. Thereby it fulfils the requirements for CE marking.

The product has been tested and approved in accordance with EN 352-1:2002, EN352-3:2002, EN352- 8:2008, EN 60950-1:2006 +A1:2010 + A11:2009 + A12:2012, EN300 328 V1.7.1, EN 301 489-1 V1.8.1, EN 301 489-17 V2.1.1

The product has been examined by:

Combitech AB, Kungsörsvägen 68, SE-732 81 Arboga, Sweden, Notified body #1914

Phoenix Testlab GmbH, Königswinkel 10, D-32825 Blomberg, Germany, Notified body #0700

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Technical Data Specifications:

Power: 2xAA NiMH or alkaline batteries, 1,2-1,5 V

Battery life time: Operating time: 24h, standby time: 150 h

Bluetooth: This product supports Bluetooth version 2.1 headset, handsfree and A2DP profiles.

Other functions:

- The last settings are stored when the headset is switched off.
- Low battery level is indicated by a voice message: "low battery".
- Digital noise reduction on the boom microphone.

Weight: Headband version 368g,

Materials: Headband: Stainless steel with PVC covered head cushion, Cups: ABS

Storage: Recommended storage conditions: -20° C - +55° C, <90% humidity

Recommended maximum shelf life: 5 years except the batteries: <1 year

Use limitation: Never modify or alter this product

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

Attenuation

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Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	19,2	17,4	24,0	31,9	34,4	35,1	37,0	35,1
Std deviation (dB)	4,0	2,8	2,9	3,0	2,6	4,3	4,0	3,2
APV (84%)*	15,2	14,5	21,1	28,9	31,9	30,8	33,1	32,0

* Assumed Protection Value (dB)

SNR=31 db H=32 db M=29 db L=22 db

Important Notice:

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3M Personal Safety Division

3M Svenska AB, Box 2341

SE-331 02 Värnamo

Sweden

Phone: +46 (0) 370 65 65 65

Fax: +46 (0) 370 65 65 99

Email: peltorcommunications@mmm.com

Internet: www.3M.com/Peltorcomms

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