



PELTOR™

Peltor™ Flex Headset

MT53H79A-77, MT53H79B-77, MT53H79P3E-77

Product description

With its carefully designed microphone-/speaker system and excellent attenuation, the new headset range offers unique acoustic performance providing outstanding communication in very high noise environments. Peltor's proven and durable designs ensure high comfort levels, allowing long term use under very tough conditions.

Key Features:

- High Attenuation cups
- Optimised acoustic design
- Good Space for the ears
- Stainless steel headband
- Beam-mounted earphones

- (A:1) Headband wire (stainless steel)
 (A:2) Two-point fastener (headband wire)
 (A:3) Ear cushion (PVC foil and Polyester foam)
 (A:4) Attenuation cushion (Polyester foam)
 (A:5) Headband (sheet metal)
 (A:6) Headband padding (Leather)
 (A:7) Speech microphone



Applications

Users who want to communicate with 2 way radio or phone in a noisy environment.

Standards and Approval:

The product has been tested and approved according to the following standards:
 EN 352-1, EN 352-4, EN 352-6

This equipment is in conformity with the provisions of Council Directive(s):
 89/686/EEC (PPE), 1999/5/EC (R&TTE)

Notified Bodies:

Finish Institute of Occupational Health, Topeliuksenkatu 41 a A, FI-00250, Helsinki, Finland

Marking:

As the product is in conformity with provisions of Council Directives it carries the CE-mark. The product is also marked in accordance with 89/686/EEC (PPE).

Versions:

| Description | Article no | Article no | EAN/UPC | Colour |
|------------------------------------|-------------|------------|---------------|--------|
| MT53H79A-77 Headset headband | XH001661137 | | 7318640041394 | Black |
| MT53H79P3E-77 Headset Helmet mount | XH001661301 | | 7318640041400 | Black |
| MT53H79B-77 Headset Neckband | XH001676234 | | 7318640054295 | Black |

Accessories and Spare parts:

| Description | Art no | Art no | EAN |
|-----------------------------|-------------|--------|---------------|
| H79 Hygiene Kit | XH001651047 | | 7318640011779 |
| M40/1 Windsheild | 11003066252 | | 93045978786 |
| MT53N-11 900 Bom Microphone | XL001643581 | | |

Materials:

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

3M™ Peltor™ Technical Datasheet

Technical Data Specifications:

MT53 Microphone

Type: Electret differential microphone

Frequency range: 70–10 000 Hz +/- 6 dB

Sensitivity as lip mike: 15mV/680^

Impedance: 680^

Noise suppression: 15 dB at 1 kHz

Earphone HTS-230^

Type: Dynamic

Frequency range: 125-8000Hz

Impedance: 230^

Output level at 0,5V/1kHz: 81dBA

Weight:

MT53H79A-77 Head band: 310 g

MT53H79P3E-77 Helmet attachment: 340 g

MT53H79B-77 Neckband: 360 g

MT53H79A-**

| | | | | | | | |
|-------------------------|------|------|------|------|------|------|------|
| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Mean Attenuation (dB) | 17.7 | 27.1 | 33.8 | 38.1 | 36.2 | 33.6 | 37.1 |
| Standard Deviation (dB) | 2.9 | 2.1 | 2.4 | 2.6 | 2.3 | 2.5 | 2.2 |
| Assumed Protection (dB) | 14.8 | 25 | 31.4 | 35.5 | 33.9 | 31.5 | 34.9 |

SNR=33dB H=33dB M=32dB L=24dB

MT53H79P3E-**

| | | | | | | | |
|-------------------------|------|------|------|------|------|------|------|
| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Mean Attenuation (dB) | 17.2 | 26.4 | 33.9 | 37.2 | 35.4 | 33.2 | 37 |
| Standard Deviation (dB) | 3.1 | 2.5 | 2.7 | 2.3 | 2.6 | 2.4 | 2 |
| Assumed Protection (dB) | 14.1 | 23.9 | 31.2 | 34.9 | 32.8 | 30.8 | 35 |

SNR=32dB H=33dB M=31dB L=23dB

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.

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



3M Occupational Health &
Environmental 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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