

3M™ Peltor™ Technical Datasheet



Peltor™ WS™ SportTac™ Light MT16H21FWS5L-584 GN

Product description:

The Peltor™ WS™ SportTac™ Light is a level dependent hearing protector specially designed for hunting and shooting. The built-in Bluetooth® function allows for complete wireless connection with your cell phone or other communication device with Bluetooth. With the level dependent function, you can hear the surrounding sounds, filter out unwanted frequencies and still be protected from harmful noise levels when a shot is taken.



Article no	Description	3M ID no
MT16H21FWS5L-584 GN	WS SportTac Light	XH001680319

Key features:

- Wireless calls and music with stereo Bluetooth®
- Level dependent function (talk through)
- Noise attenuation: SNR 26 dB
- Sound limiter and dosimeter
- Integrated noise cancelling microphone
- Exchangeable shells
- Foldable
- Stainless steel headband
- Ghost voice guided interface
- Configure menu; bass boost, music limiter mode, surround balance, surround equalizer, external input, side tone volume setting, reset to factory default

Description:

- (A:1) Headband wire (stainless steel)
- (A:2) Ear cushion (PVC foil and polyester foam)
- (A:3) Microphone for surround sound
- (A:4) Headband (sheet metal)
- (A:5) Headband padding (synthetic)
- (A:6) AUX audio input, 3,5 mm stereo
- (A:7) Audio input, J22
- (A:8) On/Off Mode
- (A:9) VOL+, VOL –
- (A:10) Speech microphone
- (A:11) Bluetooth button
- (A:12) Charger jack



Standards and approval:

MT16H21FWS5L-584-GN 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 fulfills the requirements for CE marking.

The product has been tested and approved in accordance with EN 352-1:2002, EN352-4:2001/A1:2005, EN352-6:2002, EN352-8:2008, EN 60950-1:2006 EN300 328 V1.7.1, EN 301 489-1 V1.6.1, EN 301 489-17 V1.2.1, BT RF conformance 2.1.

The product has been examined by PPE: FIOH, Finnish Institute of Occupational Health, Topeliuksenkatu 41 a A, FI-00250, Helsinki, Finland Notified body #0403
R&TTE: Phoenix Testlab GmbH, Königswinkel 10, D-32825 Blomberg, Germany, Notified body #0700

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Technical Data Specifications:

Power:	Battery Type: 2 x AAA 1,2-1,5V batteries (Ni-Cd, Alkaline, Lithium, Manganese etc) or rechargeable 2 AAA Ni-Mh batteries (included)	Wired Connectivity:	3,5mm AUX input jack (limited to 82 dB) Nexus two pin (J22) AUX input jack
Operating time:	Surround + Bluetooth (active) >11h Surround only + Bluetooth Off >100h	Net Weight:	352 g (incl batteries)
Charging time:	8 hours	Operating temperature:	-20 °C to +55 °C
Bluetooth 2.1:	Bluetooth headset profile 1.2 Bluetooth hands-free profile 1.5 Bluetooth A2DP profile 1.2 AVRCP 1.0	Storage Temperature:	-55 °C to +55 °C
Range:	Bluetooth up to 10 m, class 2	In the box:	1 x Headset 1 x Charger 2 x Rechargeable batteries 1 x User Instruction 1 x Quick start guide

Spare parts and accessories:

Article no	Description	3M ID no
HY68 SV	Hygiene Kit	XH001659461
FL6CE	3,5 mm to 3,5 mm cord	11003066724
FL6H	J22 to 3,5 mm cord	XH001652078
FL6M	J22 to 2,5 mm cord	XH001652094
TAMT06	J22 to two pin with PTT/mic	XH001662747
TAMT06V	J22 to two pin with PTT/mic/ang.	11003064257
MT53N-11-A44	Boom microphone	XH001677190
210200-584-OR	Orange shells	XH001677604
210200-584-GN	Green shells	XH001677596

Attenuation:

MT16H21FWS5L-584 GN

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	15.1	11.1	18.2	27.0	23.8	33.4	37.7	38.9
Std deviation (dB)	3.8	2.6	2.3	2.2	2.1	3.6	2.2	3.3
Assumed Protection Value (dB)	11.8	8.5	15.8	24.8	21.7	29.8	35.5	35.5

SNR=26 db H=29 db M=23 db L=19 db

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 full warranty condition, contact your dealer or local 3M office

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.

