

# 3M™ Peltor™ Technical Datasheet



PELTOR™

## Peltor™ WS Workstyle (EMEA)

MT16H21\*WS5\*\*580SV

### 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



A:18



A:19



A:20



- (A:1). Headband wire (stainless steel)
- (A:2) Two-point fastener (headband wire)
- (A:3) Ear cushion (PVC foil and Polyester foam)
- (A:4) Microphone for surround sound
- (A:5) Attenuation cushion (Polyester foam)
- (A:6) Inner shell
- (A:7) Outer shell
- (A:8) Clamp
- (A:9) Headband (sheet metal)
- A:10). Headband padding (Thermoplastic Elastomer)
- (A:11) AUX audio input, 3.5 mm stereo
- (A:12) Audio input, J22
- (A:13) On/Off/Mode
- (A:14) VOL+, VOL –
- (A:15) Speech microphone
- (A:16) Bluetooth button
- (A:17) Charger jack
- (A:18) Charger
- (A:19) Rechargeable AAA NiMH batteries
- (A:20) Stereo cable 3,5mm. FL6CE

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## Versions:

Description	3M art no	EAN/UPC
MT16H21FWS5E-580SV WS WorkStyle/EU/Industry/F	XH001675715	7318640054080
MT16H21FWS5G-580SV WS WorkStyle/UK/Industry/F	XH001676879	7318640054844
MT16H21FWS5EM580SV WS WorkStyle/EU/Industry/F <b>Boom mic included</b>	XH001678248	4046719394012
MT16H21PWS5EM580SV WS WorkStyle/EU/Industry/P3E <b>Boom mic included</b>	XH001677992	7318640055803
MT16H21PWS5GM580SV WS WorkStyle/UK/Industry/P3E <b>Boom mic included</b>	XH001678008	7318640055827

## Accessories and Spare parts:

Description	3M art no	EAN
HY68 SV Hygiene Kit	XH001659461	7318640041172
FL6CE 3,5 mm to 3,5 mm cord	11003066724	7318640059221
FL6H J22 to 3,5 mm cord	XH001652078	7318640000629
FL6M J22 to 2,5 mm cord	XH001652094	7318640010956
TAMT06 J22 to two pin with PTT/mic	XH001662747	7318640042612
TAMT06V J22 to two pin with PTT/mic/ang.	11003064257	7318640047501
MT661-D Flexmic/PTT 2,5/3,5mm/angel conn	XH001676416	7318640049482
MT661-F Flexmic/PTT 2,5/3,5mm/straight	XH001676473	7318640054493
MT53N-11-A44 Boom Microphone	XH001677190	7318640055322
FR07 EU EU charger WS Workstyle	XH001675723	7318640054097
FR07 GB UK charger WS Workstyle	XH001676887	7318640054851

## 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)
Operating time:	Surround + Bluetooth (active) >11h Surround only + Bluetooth Off >100h
AC power supply:	100-240V. 50-60 Hz
Charging time:	8 hours
Charging Plug:	EIAJ Class 2 5V DC
Wireless Connectivity:	Bluetooth 2.1
Bluetooth Profiles:	Bluetooth headset profile 1.2 Bluetooth hands-free profile 1.5 Bluetooth A2DP profile 1.2 AVRCP 1.0
Bluetooth Range:	Up to 10m, class 2
Pairing PIN:	0000

Wired Connectivity:	3,5mm AUX input jack (limited to 82 dB) Nexus two pin (J22) AUX input jack
Speakers:	27 mm diameter 100 Ohm
Microphone:	6mm omni directional electret microphone (built in)
Net Weight:	352g headband, 346g helmet att. (inc. batteries)
Operating temperature:	-20 °C to +55 °C
Storage Temperature:	-55 °C to +55 °C
Charging Temperature:	+40 °C (Maximum environmental temperature)
Certification:	Bluetooth 2.1 PPE 89/686/EEG: CE EN352-1, EN352-4, EN352-6, EN352-8 EMC 2004/108/EC R&TTE EN301489-1/-17, EN 300 328 Safety EN 60950
In the Box:	1 x Headset (Black) 1 x Charger 2 x Rechargeable batteries 1 x User Instruction 1 x 3,5mm cable 1 x Quick start guide
Inner Packaging:	Dimensions (mm): 245x153x113 Weight (g): 800 Volume (cm <sup>3</sup> ): 4313
Master Packaging:	Dimensions (mm): 792x234x260 Weight (g): 8422 Units: 10

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## Attenuation

### MT16H21FWS5\*\*580SV

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

NRR=20 SNR=26 db H=29 db M=23 db L=19 db

### MT16H21PWS5\*\*580SV

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	11.1	11.6	16.2	20.0	24.3	29.7	34.8	33.6
Std deviation (dB)	5.0	4.2	3.7	3.1	1.8	3.3	2.6	6.0
Assumed Protection Value (dB)	6.1	7.5	12.5	16.8	22.5	26.4	32.2	27.6

SNR=23 db H=27 db M=20 db L=14 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

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