



3M™ PELTOR™ ComTac™ XPI Headset MT20H682FB-02, MT20H682FB-02 SV

Product description

The 3M™ PELTOR™ ComTac™ XPI Headset is designed to help reduce exposure to hazardous levels of noise, improve situational awareness and at the same time enable two-way radio communication in noisy environments. This product is compatible with other military gear e.g., helmet, protective vest etc.

Key Features:

- Hearing protection
- Level-dependent function for ambient listening
- “Plug and play”, no start up time
- Foldable headband for easy storage and transport
- Configuration menu with voice guide
- Functions: release time, balance, external mute mode, EQ mode
- Earplug mode (maintains situational awareness when used in combination with earplugs)
- SNR 39 dB when combined with earplugs
- Automatic power off after two hours if no function is used
- No software loads or outside power required, complete self-contained headset with power fail safe
- Tested according to the applicable parts of MIL-STD-810G

Applications

3M™ PELTOR™ ComTac™ XPI Headset is designed to be used by infantry soldiers and emergency response units within law enforcement.



MT20H68FB-02



MT20H68FB-02 SV

Models:

Article number	Description	3M ID
MT20H682FB-02	ComTac™ XPI Foldable headband, green	710002011
MT20H682FB-02 SV	ComTac™ XPI Foldable headband, black	7100039831

Technical data specifications

Attenuation Values

MT20H682FB-*¹

Frequency (Hz) ²	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) ³	11.5	17.9	27.8	30.0	32.1	36.2	40.3
Standard Deviation (dB) ⁴	2.5	2.7	1.8	2.3	3.0	2.0	3.1
Assumed Protection Value (dB) ⁵	9.0	15.3	25.9	27.7	29.1	34.2	37.2

SNR=28 dB H=31 dB M=25 dB L=16 dB

MT20H682FB* + Gel ring

Frequency (Hz) ²	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) ³	15.5	18.2	26.2	32.2	30.4	29.3	36.7
Standard Deviation (dB) ⁴	3.4	3.0	2.2	2.5	3.7	3.7	4.0
Assumed Protection Value (dB) ⁵	11.7	15.2	24.0	29.7	26.7	25.6	32.7

SNR=27 dB H=27 dB M=25 dB L=18 dB

MT20H682FB* + EAR Classic

Frequency (Hz) ²	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) ³	35.5	40.8	51.4	44.7	37.0	48.1	44.8
Standard Deviation (dB) ⁴	5.8	5.0	6.6	4.8	3.6	4.9	4.8
Assumed Protection Value (dB) ⁵	29.7	35.8	44.9	40.0	33.5	43.1	40.0

SNR=39 dB H=36 dB M=38 dB L=36 dB

Standards and Approvals

Hereby, 3M Svenska AB declares that the product is in compliance with appropriate directives or regulations to fulfill the requirements for the CE marking. The full text of the EU declaration of conformity is available at the following internet address: www.3M.com/PELTOR/DOC. A copy of the declaration of conformity and additional information required in the directives or regulations can also be obtained by contacting 3M in the country of purchase.

Approval:

PPE regulation 2016/425
RED directive 2014/53/EU
RoHS 2011/65/EU

Tested according to the applicable parts of MIL-STD-810G, EMC-MIL-STD-461F.

Technical Data Specifications:

Power: Battery Type: 2 x AAA 1.2-1.5V batteries
Operating time: ~ 200h (battery & temperature dependent)
Net Weight: MT20H682FB-02: ~ 295g + - 5% (excl. batteries)
NOTE! The weight can fluctuate depending on the type of battery that being used.
Storage Temperature: -20 °C to +55 °C

Accessories and Spare parts:

Article number	Description	3M ID
1079 SV/SP	3M™ PELTOR™ Battery cover for ComTac™ XP, XPI	7100088235
HY68 SV	3M™ PELTOR™ Hygiene kit for ComTac™	7000108023
HY80-EU	3M™ PELTOR™ Gel Sealing Rings	7100101182
M60/2	3M™ PELTOR™ Foam mic cover for ComTac™ 2pc	7000039650

In the Box:

1 x ComTac™ XPI
1 x User manual
2 x AAA batteries

The product has been tested in accordance with the impulse test requirements of ANSI S12.42



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: cstechservice@mmm.com
Internet: www.3M.eu/military

Please recycle. Printed in Sweden.
© 3M 2019. All rights reserved.
3M is a trademark of 3M Company, used under license in Canada. PELTOR and ComTac are trademarks of 3M Company and its affiliates, used under license in Canada.

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

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.

3M acknowledges the respective Trademark Owners' rights in this literature.