



3M™ PELTOR™ Boom Microphones for 3M™ Versaflo™ M-300 Series Hard Hats (NIOSH/ANSI Version)

Product Description

3M™ PELTOR™ Protection & Communication Solutions offer you the possibility to communicate effectively while helping protect your hearing in noisy environments.

The 3M™ PELTOR™ Boom Microphones MT7V/1 and MT53V/1 offer with the 3M™ Versaflo™ M-300 Series Hard Hat to provide an all-in-one solution for:

- Respiratory Protection
- Head Protection
- Face and Eye Protection
- Hearing Protection and Communication

Raising the visor on a respiratory protective hard hat can significantly increase the wearer's exposure to atmosphere hazards. By incorporating the 3M™ PELTOR™ Microphone inside the 3M™ Versaflo™ Respirator Hard Hat you can maintain clear communication with your work team, even in noisy environments, and without the need to raise the visor.

Key Features

- Hearing Protection for noisy environments with built-in communication
- Noise-cancelling microphone for high-noise environments
- Voice Operated Transmission (VOX) functionality to allow hands-free communication, when supported by headset model
- The 3M™ PELTOR™ Boom Microphone is available in 2 options for compatibility with a variety of 3M™ PELTOR™ Communication Headsets (see table on page 2 for headset compatibility)
 - MT7V/1
 - MT53V/1
- The microphone includes 3 adjustment points to allow fit to a wide range of head sizes
- The microphone can be fitted to any 3M™ Versaflo™ M-300 Series Hard Hat with a simple snap-fit connection
- The pivoting arm of the microphone allows for secure storage when not in use and also provides the opportunity to maintain communication when respiratory protection is not required
- Z3AF hard hat attachment plates for mounting the headset onto the hard hat are included with the microphone kit

Applications

The 3M™ PELTOR™ Communication Microphone for the 3M™ Versaflo™ M-300 Series Hard Hat can be used for applications where communication is required while using the 3M™ Versaflo™ M-300 Series Hard Hat for respiratory protection:

Potential Markets include:

- Construction
- Metal Industry
- Rail and Infrastructure
- Utilities
- Approved for use in potentially explosive atmospheres according to CSA/IECEX regulations when in combination with the 3M™ PELTOR™ WS™ LiteCom Pro III, IS headset. [Class I, Division I, Groups A, B, C, &D]

Standards and Approvals

These products are NIOSH-approved as an accessory for the 3M™ Versaflo™ M-300 Series Respirator Hard Hats.

Limitations

- Use of certain headsets with the 3M™ Versaflo™ M-300 may mean the mass exceeds 1.5kg. Please contact 3M for further information.
- Ensure that the microphone cable does not interfere with the respiratory faceseal or ear cushions.
- Take care to prevent any cables from catching on protruding objects.
- Only adjust the microphone outside of the contaminated area. Do not reach your hand inside the headgear to adjust the microphone while inside the contaminated area.



3M™ Versaflo™ M-300 Series Hard Hat with 3M™ PELTOR™ Communication solutions



3M™ PELTOR™ Microphone MT53V/1



3M™ PELTOR™ Microphone MT7V/1

In the Box

- 1x Microphone
- 2 x Z3AF Hard Hat Attachment Plates
- 1x User Instruction

Standard Models

Product Number	Description	3M ID Number
MT7V/1	3M™ PELTOR™ Boom Microphone for headsets w/ the MT7 or MT73 Mic	7100099097
MT53V/1	3M™ PELTOR™ Boom Microphone for headsets w/ the MT53 Mic	7100098955

Technical Data Specifications

Operating Temperature	-20°C to 55°C (-4 to 131°F)
Storage Temperature	-20°C to 55°C (-4 to 131°F)
Wired Connectivity	3M™ PELTOR™ J22 Plug

Compatibility

The 3M™ Versaflo™ M-300 Series Hard Hats are compatible with a variety of 3M™ PELTOR™ Communication Headset Solutions. Compatibility depends on specific headset models. See the list below for more information on specific headsets.

Product Number	Description	Features	Boom Mic
MT53H7P3E4602-NA	3M™ PELTOR™ LiteCom FRS Headset	Integrated two-way radio	MT53V/1
MT7H7P3E4610NA* MT7H7P3E4612-CA** MT73H7P3E4610NA	3M™ PELTOR™ LiteCom Plus Headset	Integrated two-way radio + environmental listening	MT7V/1
MT73H7P3E4610WS6NA	3M™ PELTOR™ WS™ LiteCom Plus Headset	Integrated two-way radio + Bluetooth® communication + environmental listening	MT7V/1
MT73H7P3E4D10-NA MT73H7P3E4D10NA GB* MT73H7P3E4D10NA-50	3M™ PELTOR™ WS™ LiteCom Pro III Headset	Integrated two-way radio + Bluetooth® communication + environmental listening	MT7V/1
MT15H7P3EWS6	3M™ PELTOR™ WS™ ProTac XPI Headset	Bluetooth® communication + environmental listening	MT7V/1
MT15H7P3EWS6-111	3M™ PELTOR™ WS™ ProTac XPI FLX2 Headset	Bluetooth® communication + environmental listening + wired communication	MT7V/1
MRX21P3E2WS6-NA*	3M™ PELTOR™ WS™ ALERT™ XP Headset	Bluetooth® communication + environmental listening	MT53V/1
MT15H7P3E-07	3M™ PELTOR™ Tactical Pro Headset (discontinued)	Wired connection to two-way radio + environmental listening	MT7V/1
MT7H79P3E MT7H79P3E-C0046 MT7H79P3E-C0054	3M™ PELTOR™ MT Series Headset (discontinued)	Wired connection to two-way radio	MT7V/1
MT53H7P3EWS5	3M™ PELTOR™ WS™ Headset XP (discontinued)	Bluetooth® communication	MT53V/1
MT53H7P3E4600-NA	3M™ PELTOR™ LiteCom BRS Headset (discontinued)	Integrated two-way radio	MT53V/1

*Only available in USA

**Only available in Canada



Personal Safety Division

3M Center, Building 235-2W-70
St. Paul, MN 55144-1000

3M PSD products are occupational use only.

3M Canada

P.O. Box 5757
London, Ontario
N6A 4T1

In United States of America

Technical Service: 1-800-328-6146

Customer Service: 1-800-328-1667

3M.com/workersafety

In Canada

Technical Service: 1-800-267-4414

Customer Service: 1-800-364-3577

3M.ca/Safety

© 2022, 3M. All rights reserved.

3M, 3M Science. Applied to Life., PELTOR, WS are trademarks of 3M.

Used under license in Canada. All other trademarks are property of their respective owners.

Please recycle.