



3M™ PELTOR™ CH-3 Headset

Product Description

The 3M™ PELTOR™ CH-3 Headset is a next generation protective communication solution that helps workers stay protected in noisy environments while enabling clear communication via their handheld device. Incorporating the newly designed FLX2 connection jack, the CH-3 headset can be easily and reliably connected to a wide assortment of handheld devices.

Key Features

- Protective communication solution for hands-free, clear communication in noisy environments
- FLX2 connection jack for easy and reliable connection to a wide assortment of handheld devices
- Improved speaker performance for high quality sound reproduction
- Water and dust-proof noise-canceling microphone (IP68) for clear speech transmission in noisy and harsh environments
- Lasting comfort for long duration wear times
- Designed to withstand harsh environmental elements
- Bright yellow color for enhanced visibility



External jack for communicating with external communication devices.



Noise cancelling boom microphone for clear speech transmission in noisy environments

Applications

Designed for use in construction, manufacturing, processing, equipment maintenance, airport applications and many other workplaces where loud noise is present, the 3M™ PELTOR™ CH-3 Headset helps your work team improve performance through better communications while helping provide hearing protection when workers are exposed to hazardous noise.

Models

Article Number	Description	3M ID
MT74H52A-110	3M™ PELTOR™ CH-3 FLX2 Headset, Headband, Yellow	7100203637
MT74H52B-110	3M™ PELTOR™ CH-3 FLX2 Headset, Neckband, Yellow	7100203636
MT74H52P3E-110	3M™ PELTOR™ CH-3 FLX2 Headset, Hardhat attached, Yellow	7100203635
MT74H52A-111	3M™ PELTOR™ CH-3 FLX2 Headset with Built-In PTT, Headband, Yellow	7100203638
MT74H52B-111	3M™ PELTOR™ CH-3 FLX2 Headset with Built-In PTT, Neckband, Yellow	7100205729
MT74H52P3E-111	3M™ PELTOR™ CH-3 FLX2 Headset with Built-In PTT, Hardhat attached, Yellow	7100203150

Accessories

Article Number	Description	3M ID
HY84	3M™ PELTOR™ Hygiene kit	7100212095
HYM1000	3M™ PELTOR™ Mic Protector (5m), Black	7100064281
M171/2	3M™ PELTOR™ Wind protection for MT33/MT73 microphone	7100112112
HY100A	3M™ PELTOR™ Clean Hygiene Pad, 100 pair	7100064410

FLX2 Cables

Article Number	Description	Compatible Headset		3M ID
		MT74H52*-110	MT74H52*-111	
FLX2-200	3M™ PELTOR™ FLX2 Cable J11 Standard	X		7100185799
FLX2-201	3M™ PELTOR™ FLX2 Cable for Airline Adapters	X		7100207323
FLX2-210	3M™ PELTOR™ FLX2 Cable 10m Straight Open End	X		7100219827
FLX2-211	3M™ PELTOR™ FLX2 Cable Curled Open End	X		7100224037
FLX2-63-50	3M™FL PELTOR™ X2 Cable for Motorola Mototrbo APX/XPR Series		X	7100185795
FLX2-21	3M™FL PELTOR™ X2 Cable for Motorola CP200/2-pin		X	7100193228
FLX2-69	3M™ PELTOR™ FLX2 Motorola M9 Plug		X	7100220865
FLX2-32	3M™ PELTOR™ FLX2 Cable for Motorola HT Series		X	7100193227
FLX2-65	3M™ PELTOR™ FLX2 Cable for Motorola ex500/ex600		X	7100197472
FLX2-18	3M™ PELTOR™ FLX2 Cable for Motorola XTS Series		X	7100197566
FLX2-36	3M™ PELTOR™ FLX2 Cable for Kenwood 2-pin		X	7100193170
FLX2-107-50	3M™ PELTOR™ FLX2 Cable for Kenwood Multipin		X	7100185797
FLX2-35	3M™ PELTOR™ FLX2 Cable for Icom angeld 2-pin		X	7100197556
FLX2-44	3M™ PELTOR™ FLX2 Cable for Icom Multipin S8		X	7100197565
FLX2-64	3M™ PELTOR™ FLX2 Cable for Icom X30		X	7100197568

Article Number	Description	Compatible Headset		3M ID
		MT74H52*-110	MT74H52*-111	
FLX2-111	3M™ PELTOR™ FLX2 Cable for Hytera PD7*		X	7100197719
FLX2-101	3M™ PELTOR™ FLX2 Cable for Sepura STP 8*/9*		X	7100197718
FLX2-28	3M™ PELTOR™ FLX2 Cable for Mobile/Dect phones (2.5mm 3-pol.)		X	7100193229

Specifications

Model	Weight (FLX2 cable excl.)
Headband	MT74H52A-110: 10.3 oz MT74H52A-111: 10.6 oz
Hard Hat Attached	MT74H52P3E-110: 8.6 oz MT74H52P3E-111: 8.8 oz
Neckband	MT74H52B-110: 9.7 oz MT74H52B-111: 9.9 oz

Materials	
Attachment Wire	Stainless Steel
Two-point fastener	Acetal
Ear cushion	PVC foil and polyether foam
Inline Foam	Polyether foam
Cup	ABS plastic
Operating temperature	-4° F to 122° F
FLX2 Connector	6-pin, mini XLR
Speakers	46 mm diameter, 230 Ohm +/- 10%, SPL 107 +/- 2dB, 100-8000 Hz, IP54
Speech Microphone type	Noise canceling microphone, Dynamic 150 Ohm, IP 68 (6m/30min) Sensitivity-71dB ±3dB (0 dB =1v/Pa 1KHz) @50CM Frequency response 200Hz 7KHz

Storage	
Recommended storage conditions	-4° F to 122° F, <90% humidity
Recommended max. shelf life	5 years

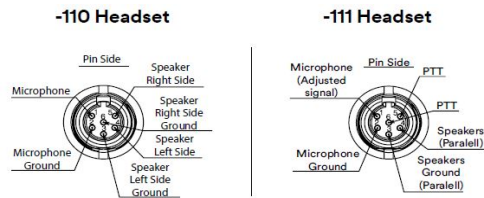
User Limitation: Never modify or alter this product

Laboratory Attenuation

MT72H52A-110/MT74H52A-111										ANSI S3.19-1974	
Frequency (Hz) <i>f</i>	125	250	500	1000	2000	3150	4000	6300	8000	NRR*	CSA Class A
Mean Attenuation <i>M_f</i> (dB)	19.2	20.6	31.4	39.8	38.1	32.8	34.2	37.2	37.7	26	
Standard deviation <i>s_f</i> (dB)	2.2	1.8	2.4	2.7	3.1	2.4	2.8	2.5	2.6		

MT72H52B-110 / MT74H52B-111										ANSI S3.19-1974	
Frequency (Hz) <i>f</i>	125	250	500	1000	2000	3150	4000	6300	8000	NRR*	CSA Class A
Mean Attenuation <i>M_f</i> (dB)	16.1	20.2	28.5	34.1	38.8	33.2	34.3	37.1	36.9	24	
Standard deviation <i>s_f</i> (dB)	2.6	2.4	3.1	3.1	2.5	2.5	2.5	3.0	3.0		

MT72H52P3E-110 / MT74H52P3E-111										ANSI S3.19-1974	
Frequency (Hz) <i>f</i>	125	250	500	1000	2000	3150	4000	6300	8000	NRR*	CSA Class A
Mean Attenuation <i>M_f</i> (dB)	19.3	20.2	30.1	35.3	37.5	34.4	34.8	37.6	37.8	24	
Standard deviation <i>s_f</i> (dB)	3.3	2.6	3.4	2.8	3.7	3.0	3.0	3.3	3.0		



In the Box

- 1 x 3M™ PELTOR™ CH-3 Headset.
- 1 x User instruction

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.

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 **WARNING**

*U.S. EPA specifies the NRR as the measure of hearing protector noise reduction. However, 3M makes no warranties as to the suitability of the NRR for this purpose. 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations or guidance on how to adjust attenuation label values. It is recommended that the NRR be reduced by 50% to better estimate typical protection.

Personal Safety Division

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

3M PSD products are
occupational use only.

In United States of America

Technical Service: 1-800-243-4630
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

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