



3M™ PELTOR™ CH-3 Listen Only Hearing Protector

Product Description

The 3M™ PELTOR™ CH-3 Listen Only Hearing Protector is a next-generation earmuff that helps workers stay protected in noisy environments while enabling them to hear incoming audio from their handheld device. Incorporating the newly designed FLX2 connection jack, the CH-3 hearing protector can be easily and reliably connected to a wide assortment of handheld devices.

Key Features

- Hearing protection solution with clear audio reception 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
- Lasting comfort for long duration wear times
- Designed to withstand harsh environmental elements
- Bright-yellow colour for enhanced visibility



HT52A-112



HT52B-112



Hearing protection with external audio input for listen only.



HT52P3E-112

Applications

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

Models

Article Number	Description	3M ID
HT52A-112	3M™ PELTOR™ CH-3 Listen Only Headset, Headband, Yellow	7100203299
HT52P3E-112	3M™ PELTOR™ CH-3 Listen Only Headset, Hard Hat attachment, Yellow	7100203302
HT52B-112	3M™ PELTOR™ CH-3 Listen Only Headset, Neckband, Yellow	7100203298

Accessories

Article Number	Description	3M ID
HY84	3M™ PELTOR™ Hygiene Kit	7100212095
HY100A	3M™ PELTOR™ Clean Hygiene Pad, 100 pair	7100064410

FLX2 Cables

Article Number	Description	3M ID
FLX2-202	3M™ PELTOR™ FLX2 Cable 3.5 mm Stereo	7100191443
FLX2-203	3M™ PELTOR™ FLX2 Cable 2.5 mm Mono, EX approved	7100185762
FLX2-204	3M™ PELTOR™ FLX2 Cable 6.35 mm (1/4") Stereo	7100191444
FLX2-205	3M™ PELTOR™ FLX2 Cable 3.5 mm Mono, EX approved	7100185800
FLX2-208	3M™ PELTOR™ FLX2 Cable 3.5 mm Threaded	7100207324
FLX2-207	3M™ PELTOR™ FLX2 Cable 3-pole 1/4" Mono	7100224039

Specifications

Model	Approx. Weight (FLX2 cable excl.)
Headband	9.6 oz
Hard Hat Attached	7.9 oz
Neckband	9.0 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	-20°C to 50°C (-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-cancelling microphone, Dynamic 150 Ohm, IP 68 (6m/30 min) Sensitivity -71 dB±3 dB(0 dB=1 v/Pa 1 KHz) @50 CM Frequency response 200 Hz 7 KHz

Storage	
Recommended storage conditions	-20°C to 50°C (-4°F to 122°F), <90% humidity
Recommended max. shelf life	5 years

User Limitations: Never modify or alter this product

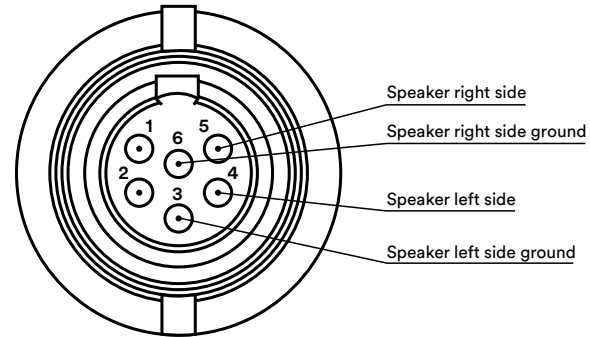
Laboratory Attenuation

HT52A-112										ANSI S3.19-1974	
Frequency (Hz) <i>f</i>	125	250	500	1000	2000	3150	4000	6300	8000	NRR*	CSA Class 26 A
Mean Attenuation <i>Mf</i> (dB)	19.4	22.1	30.9	39.8	38.2	33.6	35.6	36.7	36.9		
Standard deviation <i>sf</i> (dB)	2.8	2.3	2.9	2.5	3.1	2.7	2.4	2.6	3.2		

HT52P3E-112										ANSI S3.19-1974	
Frequency (Hz) <i>f</i>	125	250	500	1000	2000	3150	4000	6300	8000	NRR*	CSA Class 25 BL
Mean Attenuation <i>Mf</i> (dB)	21.1	21.6	32.4	36.4	39.2	32.0	35.3	35.5	36.5		
Standard deviation <i>sf</i> (dB)	3.1	2.8	2.9	3.7	3.1	2.8	3.4	2.6	3.8		

HT52B-112										ANSI S3.19-1974	
Frequency (Hz) <i>f</i>	125	250	500	1000	2000	3150	4000	6300	8000	NRR*	CSA Class 25 B
Mean Attenuation <i>Mf</i> (dB)	18.2	20.9	30.3	36.5	38.6	31.5	33.7	36.5	38.6		
Standard deviation <i>sf</i> (dB)	3.0	2.2	2.6	3.1	2.4	2.8	2.4	2.6	2.7		

Pin Configuration



In the Box

- 1x 3M™ PELTOR™ CH-3 Listen Only Hearing Protector
- 1x 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 for guidance on how to adjust attenuation label values. It is recommended that the NRR be reduced by 50% to better estimate typical protection.

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