



## 3M™ PELTOR™ CH-3 FLX2 Listen only Hearing Protector

### Product Description

The 3M PELTOR CH-3 FLX2 Listen only Hearing Protector will bring hearing protection and communication in noisy environments into a new level of performance with newly designed speakers and a dual mold earcup. The CH-3 hearing protector's modern look has a slim profile and bright yellow color for enhanced visibility.

### Key Features

- Bright yellow color for enhanced visibility.
- Slim cup design.
- Interchangeable down lead cables makes hearing protector highly adaptable. Compatible with FLX2 cables.
- Improved speaker performance for high quality sound reproduction.
- Newly designed headband for a comfortable fit over long wear durations.

### Applications

The 3M PELTOR CH-3 FLX2 Listen only Hearing Protector can enhance communication in noisy environments. Suitable for work in manufacturing, pulp and paper, mining and other workplaces where workers need to be connected to their 2-way handheld radio or fixed systems throughout the day.



HT52A-112



HT52B-112



HT52P3E-112



Hearing protection with external audio input for listen only

### 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, Helmet attach, Yellow	7100203302
HT52B-112	3M™ PELTOR™ CH-3 Listen Only Headset, Neckband, Yellow	7100203298

### Accessories

HY84	3M™ PELTOR™ Hygiene kit	7100212095
HY100A	3M™ PELTOR™ Clean Hygiene Pad, 100 pair	7100064410

### FLX2 cables

FLX2-202	3M™ PELTOR™ FLX2 Cable 3.5mm Stereo	7100191443
FLX2-203	3M™ PELTOR™ FLX2 Cable 2.5mm Mono	7100185762
FLX2-204	3M™ PELTOR™ FLX2 Cable 1/4" Stereo	7100191444
FLX2-205	3M™ PELTOR™ FLX2 Cable 3.5mm Mono	7100185800
FLX2-208	3M™ PELTOR™ FLX2 Cable 3.5mm Threaded	7100207324

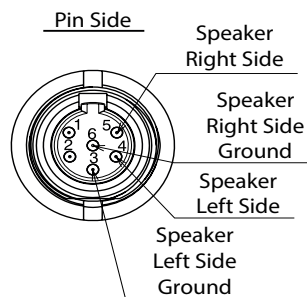
# Technical data specifications

Model	Weight (FLX2 cable excl.)
Headband:	273g
Helmet attachment:	224g
Neckband:	256g

Materials	
Attachment wire:	Stainless steel
Two-point fastener:	Acetal
Inline foam:	PVC foil and polyether foam
Attenuation cushion:	Polyether foam
Cup:	ABS plastic
FLX2 Connector:	6-pin, mini XLR
Speakers:	46 mm diameter, 230 Ohm +/-10%, SPL 107 +/- 2dB, 100-8000 Hz, IP54

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

## Pin configuration



**WARNING!** 3M strongly recommends individual fit testing of hearing protectors. If the NRR or SNR is used to estimate typical workplace protection, 3M recommends that the noise reduction value be reduced by 50% or in accordance with applicable regulations. 3M PSD products are occupational use only.

**User limitation:** 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
Mean Attenuation <i>M<sub>y</sub></i> (dB)	19.4	22.1	30.9	39.8	38.2	33.3	35.6	36.7	36.9	26	A
Standard deviation <i>s<sub>y</sub></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
Mean Attenuation <i>M<sub>y</sub></i> (dB)	21.1	21.6	32.4	36.4	39.2	32.0	35.3	35.5	36.5	25	BL
Standard deviation <i>s<sub>y</sub></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
Mean Attenuation <i>M<sub>y</sub></i> (dB)	18.2	20.9	30.3	36.5	38.6	31.5	33.7	36.5	38.6	25	B
Standard deviation <i>s<sub>y</sub></i> (dB)	3.0	2.2	2.6	3.1	2.4	2.8	2.4	2.6	2.7		

## In the box

1 x 3M™ PELTOR™ CH-3 FLX2 Listen Only Hearing Protector.

1 x User instruction



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 For other 3M products:  
 1-800-3M-HELPS or 1-651-737-6501  
 3M PSD products are occupational use only

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#### 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

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