



3M™ PELTOR™ WorkTunes™ Pro Headset

Product Description

The 3M™ PELTOR™ WorkTunes™ Pro Headset helps protect you from potentially harmful workplace noise while at the same time enjoy listening to the built in FM or AM/FM radio. The built-in antenna, fast digital tuning and ability to store stations makes the hearing protector flexible and easy to work with.

Key Features

- High attenuating hearing protector
- FM or AM/FM Radio headset with built-in antenna
- Digital station search
- Voice guided menu system with announced frequencies
- Store up to 5 stations
- 3.5 mm listen only stereo input (limited to 82 dB) for connection to external devices (e.g. cell phone, two-way radio, Ipad).
- Auto power off, the headset will turn off after 4 hrs of non-use to save battery
- Low-battery warning at low battery level
- To reduce the corrosion caused by sweat the electronics are located in the outer part of the cup
- Available in both in headband and helmet attached versions (black).

Applications

3M™ PELTOR™ WorkTunes™ Pro Headset with built-in FM or AM/FM receiver can be used in noisy industrial sites as well as farming or landscaping activities.

Standards and Approvals

3M Svenska AB hereby declares that this 3M™ PELTOR™ Headset is in compliance with the essential requirements and other provisions set out in the appropriate directives. Thereby they fulfil the requirements for CE marking.

Hereby, 3M Svenska AB declares that the radio equipment type [broadcast radio receiver] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.3M.com/peltor/doc>

The product has been tested and approved in accordance with [EN 352-1:2002 / EN 352-3:2002, EN352-8:2008].

Notified Body Statement of Opinion offered by:

PZT GmbH, An der Junkerei 48 F, D-26389 Wilhelmshaven, Germany. Notify body #1974

In the box

- 1 x Headset
- 2 x AA batteries
- 1 x User Instruction

Standard Models

Article number	Description	Legacy 3M ID	SAP ID
HRXS220A	3M™ PELTOR™ WorkTunes™ Pro FM Radio Headset, black, headband	UU004690697	7100088416
HRXS220P3E	3M™ PELTOR™ WorkTunes™ Pro FM Radio Headset, black, helmet attachment	UU004690705	7100088417
HRXS221A-NA	3M™ PELTOR™ WorkTunes™ Pro AM/FM Radio Headset, black, headband	UU004690671	7100089367
HRXS221P3E-NA	3M™ PELTOR™ WorkTunes™ Pro AM/FM Radio Headset, black, helmet attachment	UU004690689	7100089369
HRXS221A	3M™ PELTOR™ WorkTunes™ Pro AM/FM Radio Headset, black, headband	UU004690713	7100089368
HRXS221P3E	3M™ PELTOR™ WorkTunes™ Pro AM/FM Radio Headset, black, helmet attachment	UU004690663	7100089440

Accessories

Article number	Description	Legacy 3M ID	SAP ID
HY220	3M™ PELTOR™ HY220 Hygiene Kit	UU008049353	7100101874
FL6CE/1	3M™ PELTOR™ FL6CE/1 3.5 mm Cable	XH001676952	7000108359
HY100A	3M™ PELTOR™ HY100A CLEAN HYGIENE PAD	XH001651351	7100064410



3M™ PELTOR™ WorkTunes™ Pro FM Headset



Hearing protection with built-in FM radio



Hearing protection with external audio input



3M™ PELTOR™ WorkTunes™ Pro AM/FM Headset



Hearing protection with built-in AM/FM radio



Hearing protection with external audio input

Technical data specifications

Materials:	Headband HRXS220A, HRXS221A, HRXS221A-NA Headband (Stainless steel, PVC, PA) Headband wire (stainless steel) Two-point fastener (POM) Cushion (PVC foil and PUR foam) Foam liner (PUR foam) Cup (ABS) Latch (PA) On/Off/Mode button (TPE) [+] button (TPE) [-] button (TPE) Helmet attachment HRXS220P3E, HRXS221P3E, HRXS221P3E-NA Cup supporting arm (stainless steel)
Battery type:	2xAA batteries (Alkaline)
Operating time:	Approximately 40 hours of battery lifetime
Net weight (batteries incl.):	WorkTunes Pro FM HRXS220A (headband) = 351g WorkTunes Pro FM HRXS220P3E (helmet attachment) = 369g WorkTunes Pro AM/FM HRXS221A (headband) = 353g WorkTunes Pro AM/FM HRXS221P3E (helmet attachment) = 371g
Operating temperature:	-20°C (-4°F) to +55°C (131°F) (battery dependent)
Storage temperature:	-20°C (-4°F) to +55°C (131°F)
Shelf life:	5 years excl. batteries
Wired connectivity:	3.5mm listen-only stereo input jack (limited to 82 dB)

Use limitation: Never modify or alter this product

Attenuation Europe

HRXS221A and HRXS220A

EN 352-1:2002

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.0	24.0	29.5	36.9	37.3	39.3	35.4
Std. deviation (dB)	3.2	2.0	2.6	3.3	4.9	3.2	3.9
Assumed Protection Value (dB)	13.8	22.0	26.9	33.6	32.4	36.1	31.5



SNR=32 dB H=34 dB M=29 dB L=22 dB

HRXS221P3E and HRXS220P3E

EN 352-3:2002

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	16.6	22.0	29.1	36.3	36.4	38.7	34.2
Std. deviation (dB)	2.7	2.2	2.9	3.4	3.9	4.2	4.0
Assumed Protection Value (dB)	13.9	19.8	26.2	32.9	32.5	34.5	30.2



SNR=31 dB H=33 dB M=28 dB L=21 dB

Attenuation North America

HRXS221A-NA

ANSI S3. 19-1974

Test Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation (dB)	17.2	21.8	30.3	36.5	38.4	40.5	40.4	36.2	34.7	26	A
Standard Deviation (dB)	2.4	1.8	2.6	2.9	3.0	2.4	3.4	2.4	2.9		



HRXS221P3E-NA

ANSI S3. 19-1974

Test Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation (dB)	15.7	19.5	28.7	34.9	34.7	37.1	35.9	32.4	32.2	23	A
Standard Deviation (dB)	3.1	2.1	2.8	2.9	3.0	2.4	3.3	2.9	3.0		



Attenuation Australia and New Zealand

HRXS221A

AS/NZS 1270:2002

Test Frequency (Hz)	125	250	500	1000	2000	4000	8000	SLC ₉₀	Class	Clamping Force (N)
Mean Attenuation (dB)	17.6	22.1	29.9	36.4	37.6	38.4	34.9	32	5	11.3
Std. deviation (dB)	3.7	3.7	3.3	2.8	2.2	2.4	2.6			
Mean minus SD	19.9	18.4	26.6	33.6	35.4	36.0	32.3			



HRXS221P3E

AS/NZS 1270:2002

Test Frequency (Hz)	125	250	500	1000	2000	4000	8000	SLC ₉₀	Class	Clamping Force (N)
Mean Attenuation (dB)	18.1	21.1	29.4	33.9	35.2	36.2	34.2	30	5	11.9
Std. deviation (dB)	2.5	1.9	3.9	2.8	2.9	4.2	3.4			
Mean minus SD	15.6	19.2	25.5	31.1	32.3	32.0	30.8			



This earmuff was tested with Protector HC600 industrial safety helmet(P3G adapter).



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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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