

**PELTOR™**

The Sound Solution



# Stay Alert



## 3M™ Peltor™ Alert™

Protection, performance and motivation

The 3M™ Peltor™ Alert™ has been developed to improve safety and motivation for users in noisy environments. It enables you to listen to FM-radio or external device (MP3 player, mobile phone) at the same time as you can hear your surroundings and communicate with your colleagues without taking the hearing protector off. It safeguards your ears from harmful noise, while heightening your senses and ability to react.



Built-in FM radio



Level-dependent function for ambient listening



External audio input



[www.3M.com/PeltorComms](http://www.3M.com/PeltorComms)

**3M**



## The importance of wearing ear protection 100% of the time, exposed



### 100% usage

Gives the expected protection.



### 99% usage

Just five minutes of carelessness per day significantly reduces the effect of the hearing protector.



### 90% usage

Virtually no protection.

## Safety

In order to be effective, a hearing protector should be used 100% of the time in noisy environments. Even taking it off for a short time dramatically reduces its effectiveness and greatly increases the risk of hearing damage. The 3M™ Peltor™ Alert™ ambient listening function encourages longer use because the wearer feels less isolated and can more easily communicate with others.



## Articles & Accessories

Description	3M art no
M2RX7A2-01 Alert hearing protector Head band	XH001677430
M2RX7P3E2-01 Alert hearing protector Helmet attachment	XH001680400
ACK03 Rechargeable battery pack, 1700 mAh	XH001653464
FR03EU Battery charger for ACK03, EU plug, 230 V	XH001655444
FR03GB Battery charger for ACK03, UK plug, 230 V	XH001655451
FR03-12 Battery charger for ACK03, 12 V	XH001655436
HY81 Hygiene Kit	XL001652814
HY100A Single-use protectors	XH001659289
M60/2 Wind protection for ambient microphones	XH001652532
1173 SV Battery cover	XL001600425
FL6CE/1 Connection cables for external audio input	XH001676952

## Specification

<b>Battery Type:</b>	AA 1.2–1.5V batteries can be used (NiMH, NiCd, Alkaline, Lithium, Manganese, etc), but only NiMH and NiCd batteries can be recharged
<b>Operating time:</b>	Approximately 70 hours of battery lifetime with included alkaline batteries
<b>Net Weight:</b>	361 g (headband), 390 g (helmet att.) incl. batteries
<b>Operating temperature:</b>	-20°C to +55°C (battery dependent)
<b>Storage Temperature:</b>	-20°C to +55°C
<b>Charging Temperature:</b>	0°C to +40 °C
<b>Wired Connectivity:</b>	3,5 mm AUX input jack (limited to 82 dB (A))

### M2RX7A2-01

Frequency(Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	16,3	23,5	30,6	35,1	30,7	34,0	33,8
Standard Deviation (dB)	3,0	2,6	2,8	3,1	3,4	2,4	2,8
Assumed Protection (dB)	13,3	20,9	27,8	32	27,3	31,6	30,9

SNR=30dB H=29dB M=28dB L=21dB

### M2RX7P3E2-01

Frequency(Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17,5	22,8	29,2	35,9	30,0	34,1	34,9
Standard Deviation (dB)	2,6	2,8	3,1	2,8	2,7	2,7	3,3
Assumed Protection (dB)	15,0	20,0	26,2	33,1	27,3	31,4	31,6

SNR=30dB H=29dB M=28dB L=22dB



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