

# 3M™ WorkTunes™ Connect earmuffs



## Product description

The 3M WorkTunes™ Connect hearing protector is a Bluetooth® hearing protector with premium sound quality.

## Features and benefits

- SNR 33 dB
- Bluetooth® 5.3 wireless technology for calls and music
- IP 44 Rated: water and sweat resistant
- Vented geometric headband design for comfort and compatibility with baseball caps
- Built-in rechargeable battery
- 4-hour auto-shutoff feature with low-battery indicator
- Audio Assist technology for easy set-up and guidance
- 40+ hours of battery life
- USB-C charging port

## Materials

- Earcups : ABS plastic
- Sealing rings : TPU skin over polyester foam on ABS base
- Earcup foam inserts : polyester foam
- Headband : stainless steel with TPE over-moulded
- Sliders : ABS plastic
- Volume lever : TPU
- Power button : ABS

# 3M™ WorkTunes™ Connect 90570 earmuffs

Attenuation values :

f (Hz)	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mf (dB)	23,4	21,1	25,9	30,3	36,6	36,7	36,9	39,5	36,9	32,9	27,4	34,8
SD (dB)	3,0	2,8	3,4	2,9	3,2	3,9	3,6	3,7	3,1	2,4	2,6	2,2
APV (dB)	20,3	18,4	22,5	27,4	33,4	32,8	33,3	35,9	34	31	25	33

Key :

f = Test frequency

Mf = Mean attenuation value

SD = Standard deviation

APV (Mf – SD) = Assumed Protection Value

H = High-frequency attenuation value (predicted noise level reduction for noise with LC – LA = - 2 dB)

M = Medium-frequency attenuation value (predicted noise level reduction for noise with LC – LA = + 2 dB)

L = Low-frequency attenuation value (predicted noise level reduction for noise with LC – LA = + 10 dB)

SNR = Single Number Rating (the value that is subtracted from the measured C-weighted sound pressure level, LC in order to estimate the effective A-weighted sound pressure level inside the ear)

Standard and approval

The 3M™ WorkTunes™ Connect 90570 Hearing Protector is type approved against the European Regulation (EU) 2016/425 by BSI GROUP The Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands, Notified Body No. 2797.

This product meets the requirement of the Harmonized European Standards EN 352-1:2020, EN 352-6:2020 and EN 352-8:2020.

The applicable Certificate(s) and Declaration(s) of Conformity are available at :

[www.3m.com/CHIMsafety/certs](http://www.3m.com/CHIMsafety/certs)

The Bluetooth® communication is in compliance with Directive 2014/53/EU and other appropriate directives.

This hearing protector limits the entertainment audio signal to 82 dB(A) effective to the ear.



# 3M™ WorkTunes™ Connect 90570 earmuffs

## IMPORTANT NOTICE

All statements, technical information and recommendations herein are based on tests and studies 3M believes to be reliable.

Product selection and use : many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application.

As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable national and/or European regulations and standards.

Failure to follow all instructions on the use of this personal protection product may adversely affect the wearer's health, lead to injury and/or permanent hearing loss. Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury.

Local requirements/regulations (if any) take precedence over general instructions.

Before any use, it is always recommended to read and follow the instructions for use and to conduct tests to validate the adequacy of the product with regard to the envisaged use. Any action or use of the product made in breach of these indications is at the risks of the user and consequently 3M cannot be held responsible for whatever negative consequences may arise out of or in connection with any breach of the given instructions and indications.

Compliance with 3M instructions for use and other recommendations does not exempt the user from respecting other local applicable rules (safety rules, standards and procedures) governing the use of the concerned product in specific contexts and/or through specific means or tools.

3M reserves the right to amend the whole or part of this document at any time, without notice.

For more information on 3M products and services, please contact 3M.

Manufacturer's address : 3M France - 1, Parvis de l'Innovation - 95 006 Cergy-Pontoise Cedex - France

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