



3M™ WorkTunes™ Connect Hearing Protector with Bluetooth® Technical Data Sheet



Product description

The 3M WorkTunes™ Connect hearing protector is a Bluetooth® compatible hearing protector with high-fidelity sound.

Features

SNR = 31 dB

Integrated microphone to make/receive phone calls without having to remove the hearing protector

Built-in rechargeable battery

Weight = 347 g

Material composition

Earcups : ABS and polyether foam

Earcup cushions : TPU skin, PU foam and PVC carrier

Headband : stainless steel wire, TPE cover and POM sliders

3M™ WorkTunes™ Connect Hearing Protector

Attenuation values

f (Hz)	125	250	500	1000	2000	4000	8000
Mf (dB)	19.1	21.4	29.2	31.8	34.2	41.9	41.6
Sf (dB)	3.5	2.4	2.1	2.4	2.9	3.9	3.9
APV (dB)	15.7	19.0	27.1	29.4	31.3	38.0	37.7

SNR = 31 dB / H = 33 dB / M = 28 dB / L = 22 dB

Key:

f = Test frequency

Mf = Mean attenuation value

Sf = Standard deviation

APVf = Assumed Protection Value

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

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

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

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).

Country of origin

Made in China

Common applications

Lawn mowing

Using a power tool such as grinding or drilling

Standard and approval

The 3M™ WorkTunes™ Connect 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 352-1:2002, EN 352-6:2002 and EN 352-8:2008.

The applicable Certificate(s) and Declaration(s) of Conformity are available at: www.3m.com/CHIMsafety/certs

Storage conditions

Do not store the product in temperatures above +55 °C or below -20 °C.

Service life – When to replace

Worn or damaged – when the sealing rings become worn or the headband becomes damaged, replace product.

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IMPORTANT NOTICE

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

Because there are many factors that can affect the use and performance of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluates this product to determine whether it is fit for a particular purpose, is suitable for the user's method of application, and meets the user's performance specifications and expectations.

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.

Limitation of liability : within the legal warranty term, 3M's only obligation shall be to replace the quantity of this 3M product proved to be defective or to return the purchase price, excluding, to the extent permitted under applicable laws, any other warranty or compensation. The warranty does not cover any damage caused by neglected maintenance or careless handling. 3M will not be liable for any direct, indirect, incidental, consequential damages the user should suffer due to an improper storage, custody, use of the product, and whenever the user fails to attend carefully 3M indications and/or instructions herein provided.

Statements or recommendations not contained herein shall not have any force or effect unless included in an agreement signed by a 3M officer.

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

Terms and Conditions of product warranty are set forth in contractual documents of sale and subject to mandatory applicable laws.

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

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