



Ultimate Industrial

HEARING PROTECTION RANGE



# TECHNICAL PRODUCT DATASHEET

EAR MUFFS



UPDATED: 19/04/2021

## ZED1 - Premium Ear Defenders

### Premium Padded Headband Style Ear Defender

High quality noise cancelling headband style ear defenders. Adjustable, cushioned headband designed for varying head sizes whilst remaining light and comfortable even after extended periods of use. High density, insulated Z-Core™ foam inner provides excellent SNR 28dB protection.

A highly versatile ear defender that is able to offer excellent balance between comfort and protection.

SNR **28dB**  
MEDIUM



#### FEATURES AND TECHNOLOGY



ADJUSTABLE HEADBAND



REUSABLE



MEDIUM ATTENUATION



RETAIL PACKED



Z CORE TECHNOLOGY

#### TYPICAL INDUSTRIES



AUTOMOTIVE



DEMOLITION / CONSTRUCTION



LEISURE INDUSTRY



MANUFACTURING



HIGHWAY MAINTENANCE

#### TECHNICAL INFORMATION

ORDER REF #	EA/TREAEGA/MUFF-ZED1
MATERIAL	Neoprene + PU Leather, ABS, TPR, Nylon
PACKING	PER PACK: 1 PAIR    PER CASE: 20
SIZE	ONE SIZE
EU TYPE CERTIFICATION AND ONGOING CONFORMITY PERFORMED BY	Alienor-Certification, 21 Rue Albert Einstein, 86100 Châtelleraut, France. Notified Body No. 2754

#### CERTIFICATION AND STANDARDS (SEE OVERLEAF FOR FURTHER DETAILS)

EN352-1:2002

2754 CAT III  
CE

ATTENUATION DATA



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## ATTENUATION DATA:

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18.1	13	19.7	29.1	37.8	34.8	36	37.1
Standard Deviation (dB)	6.8	3.1	4.4	4.2	4.4	3.8	5	7.9
APV-Value (dB)	11.3	9.9	15.3	24.9	33.4	31	31	29.2

SNR: 28dB H:32dB M:26dB L:17dB

All measurements made in accordance with EN 352-1:2002. Assumed protection rounded to one decimal place were applicable.

## FURTHER INFORMATION

**STORAGE / TRANSPORT:** Keep away from direct sunlight; store in a cool dry place. During transportation, ensure the product is well packaged to prevent damage. Store in their original packaging.

**PRECAUTIONS BEFORE USE:** It is very important that the fitting instructions and recommendations are adhered to. If not the protection offered will be seriously impaired and serious injury may result. Further information should be sought from the manufacturer. The enclosed product information sheet should be read before use. Please inspect the earmuff before use and discard if damaged in anyway whatsoever.

**RECOMMENDATION:** The ear muffs must be worn all the time the wearer is exposed to noise. Removing the ear muffs for even a small amount of time could result in serious injury. Keep away from infants and small children. The parts of the ear muff in contact with the skin should be disinfected periodically (at least every 3 months) with a suitable disinfectant solution.

### INSTRUCTIONS FOR USE:

1. Brush aside any excess hair and remove ear jewellery that may affect the ear muffs acoustic seal.
2. Extend the headband to maximum open position and place the cups over the ears with the headband passing over the top of the head.
3. Settle the headband in position on top of the head while adjusting the height of the ear cups until they feel comfortable and fully cover the ears. Ensure the headband rests on top of the head.
4. Put the earmuffs on before exposing yourself to noise and wear them for the whole period of noise exposure.

For more information about this product, or to access the Declaration of Conformity or Product Certification, visit: <https://www.ultimateindustrial.co.uk/hearing-protection/zed1/>

If appropriate to the product, EC/EU Declaration of Conformities, relevant certification and supporting documentation are available to access through your distributor, at the above web address(s) or by contacting UCI customer services quoting the product reference code. This document and any other statement provided herein by or on behalf of UCI are given for informational purposes and do not constitute a contractual agreement nor warranty of merchantability. UCI assumes no responsibility for the suitability or adequacy of an end user's selection of product for a specific purpose. The manufacturer reserves the right to make any modifications it deems necessary. All product and company names are trademarks™ or registered® trademarks of their respective holders. © UCI Limited, 2021



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