

# Mino CENS<sup>®</sup>



## Universal Electronic Hearing Protection

Universal fit hearing protection that fits neatly into the ear canal, providing ambient awareness through low level amplification with loud sound suppression. Simple operation via a push-button toggles through 3 pre-set volume levels to best suit each individual user. Interchangeable ear tips of various sizes provide a high fit rate and comfort.

### Features

- Universal fit
- Simple operation
- Extraction cord
- Digital DSP
- Replaceable tips
- Low level gain
- Tone indicators
- Low battery warning

### Battery Type

Zinc Air 10A - 1.4V

### Battery Life

Up to 50 hours continuous battery life

### Weight

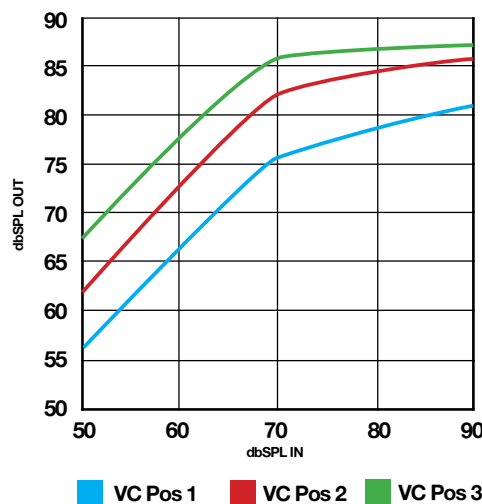
1.2g (excluding battery)

### Audio

Maximum output 86dB  
VC Position 1 = 5dB  
VC Position 2 = 11dB  
VC Position 3 = 18dB

### Tip Replacement Force

>5 Newtons



**SNR 31dB**



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Technical Data

# Mino CENS®



The MINO CENS is manufactured by Puretone Ltd for protection against noise. They are classed as PPE and have been shown to comply with the European PPE Directive 89/686/EEC through the harmonised European standard EN 352.

Certification body: SATRA Technology Centre, Kettering, Northants, UK (Notified Body 0321).

## Sound Attenuation

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
<b>Mean Attenuation</b>	26.1	27.5	27.8	31.4	34.3	34.9	41.4	44.4
<b>Standard Deviation</b>	5.6	5.5	4.9	5.9	8.2	4.5	3.6	5.0
<b>Assumed Protection</b>	20.5	22.0	22.9	25.5	26.0	30.4	37.7	39.4

**H=32**

**M=27**

**L=25**

**SNR=31**

## Criterion Levels

H	M	L
>99	>99	>99

SNR = Single Number Rating attenuation

H = High frequency attenuation

M = Medium frequency attenuation

L = Low frequency attenuation

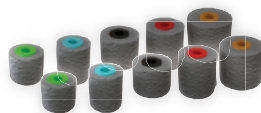
External Level dB(A)	59.5	64.5	69.5	74.5	79.5	84.5	89.5	94.5	99.6
<b>High</b>	68.6	70.1	69.6	69.2	69.2	70.3	71.4	72.0	73.2

External Level dB(A)	59.5	64.2	69.2	74.2	79.2	84.2	89.2	94.1	99.1
<b>Medium</b>	66.6	68.0	68.0	68.0	68.1	68.5	69.2	70.7	73.7

External Level dB(A)	59.5	64.5	69.5	74.5	79.5	84.4	89.3	94.2	99.0
<b>Low</b>	64.9	66.1	66.4	66.5	66.8	67.5	68.8	71.1	74.7

Tests carried out at maximum output level

## Replacement Foam Tips



Colour	Size	Manufacturer's Part Number (per pair)
Green	10.5mm - Short	ACC102M-GREEN
Blue	10.5mm - Long	ACC102M-BLUE
Black	12mm - Short	ACC102M-BLACK
Red	12mm - Long	ACC102M-RED
Orange	14mm - Long	ACC102M-ORANGE

## Replacement Wax Guards



Side	Colour	Quantity	Manufacturer's Part Number
Right	Red	15	ACC315D-HF4
Left	Blue	15	ACC315C-HF4



EN352-2:2002

EN352-7:2002

CENS® is a registered trademark of Puretone Ltd. Mino is a trademark of Puretone Ltd.

Puretone's policy is one of continuous development and improvement which may cause the data herein to vary without prior notice. Figures can be +/- 3dB. E&OE.

