

# TECHNICAL SPECIFICATION



## NEW Sonis® Mounted Ear Defenders

Sonis®1 Mounted Ear Defenders / AEB012-1CY-800



### DESCRIPTION

The JSP R&D team worked with a leading acoustics research facility to develop Sonis® Mounted ear defenders, peaking at an unbeaten 36 SNR. The new electrically insulated side arms enable 'set and forget' height adjustment with a rotation feature designed to balance cushion pressure and enhance comfort.

Sonis® Mounted ear defenders offer certified compatibility with JSP EVO® helmets and EVOGuard® browguards. The fully adjustable adaptors are designed to fit with a range of visor systems for combined protection. Sonis® cups can be printed with a company logo. MOQ's apply.

### OPTIONS

**Sonis®1 Mounted Ear Defenders (AEB012-1CY-800)**

Sonis®3 Mounted Ear Defenders (AEB042-1C1A00)

Sonis®C Mounted Ear Defenders (AEB032-1CY-000)

### SAFETY STANDARDS

EN 352-3



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## SPECIFICATIONS

Cup Material  
ABS

Material  
Side arms - Acetal, steel (fully enclosed)

Material  
Sealing ring - PET-G plate, TPU skin, foamed polymer

Material  
Inner foam - Polyurethane



BSI Kitemark  
KM 662534 BS EN 352-3

Adjustable  
Yes

Hygiene  
Hygiene Kit



JSPCheck  
Yes



Recyclable  
Yes



Mounting  
Helmet



Mounting  
EVOGuard Browguard

Electrically insulated  
Yes



Product Weight  
234g +/-5g



SNR  
27 dB

Criterion Level (H)  
31

Criterion Level (M)  
24

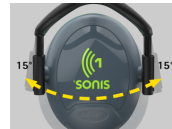
Criterion Level (L)  
17

## FEATURES



### Performance

The Sonis® Mounted ear defender range peaks at an unbeaten 36 SNR. Our R&D team fine tune each component, using specialist design and test equipment to refine performance.



### Multi-directional fit

New side arms enable set and forget height adjustment for the perfect fit. The arms rotate independently 15° in each direction, maintaining a consistent seal around the ear.



### Enhanced comfort

Sonis® cushions are made with frequency-optimised foam covered in a soft TPU skin. By rotating as the wearer moves, the side arms ensure even cushion pressure to enhance comfort.



### Electrically insulated

Non-conductive design with no exposed metal parts for safety in applications with electrical hazards. The mechanism's steel spring is fully isolated to reduce conductivity risks.



### Hygienic

The ear defenders are easy to wipe clean. Hygiene kits are available for each model allowing cushions and foam inserts to be replaced.



### Customisation

Sonis® cups can be printed with a company logo using the JSP Logo Express® service. MOQs apply.



### Certified Compatible

Sonis® Mounted ear defenders are tested and certified with JSP helmets and EVOGuard® browguards, ensuring the correct level of hearing protection with each model. The side arms are designed to fit with a range of visor systems for combined protection.

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 [Image Pack \(ZIP\)](#)



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