

# 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 (AEB042-1C1-A00)

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

### SAFETY STANDARDS

EN 352-3



JSP Limited, Worsham Mill, Minster Lovell, Oxford OX29 0TA, England.

Tel: +44 (0)1993 826050 / Fax: +44 (0)1993 824411 / Email: sales@jgpsafety.com / Web: www.jgpsafety.com

Do Not Publish without written permission from JSP Limited. Contact copyright@jgpsafety.com. Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 1 of 3 / Issued 20 Jun 2026 / Copyright 2018 - 2026. JSP Limited. All Rights Reserved.



## SPECIFICATIONS

Cup Material  
ABS

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



BSI Kitemark  
KM 662534 BS EN 352-3

Hygiene  
Hygiene Kit



Recyclable  
Yes



Mounting  
EVOGuard Browguard



Product Weight  
234g +/-5g

Criterion Level (H)  
31

Criterion Level (L)  
17

Material  
Side arms - Acetal, steel (fully enclosed)

Material  
Inner foam - Polyurethane

Adjustable  
Yes



JSPCheck  
Yes



Mounting  
Helmet

Electrically insulated  
Yes



SNR  
27 dB

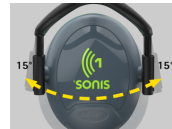
Criterion Level (M)  
24

## 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.

JSP Limited, Worsham Mill, Minster Lovell, Oxford OX29 0TA, England.

Tel: +44 (0)1993 826050 / Fax: +44 (0)1993 824411 / Email: sales@jsp-safety.com / Web: www.jsp-safety.com

Do Not Publish without written permission from JSP Limited. Contact copyright@jsp-safety.com. Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 2 of 3 / Issued 20 Jun 2026 / Copyright 2018 - 2026. JSP Limited. All Rights Reserved.





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



JSP Limited, Worsham Mill, Minster Lovell, Oxford OX29 0TA, England.

Tel: +44 (0)1993 826050 / Fax: +44 (0)1993 824411 / Email: [sales@jsp-safety.com](mailto:sales@jsp-safety.com) / Web: [www.jsp-safety.com](http://www.jsp-safety.com)

Do Not Publish without written permission from JSP Limited. Contact [copyright@jsp-safety.com](mailto:copyright@jsp-safety.com). Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 3 of 3 / Issued 20 Jun 2026 / Copyright 2018 - 2026. JSP Limited. All Rights Reserved.

