

TECHNICAL SPECIFICATION



NEW Sonis® Mounted Ear Defenders

Sonis@3 Mounted Ear Defenders / AEB042-1C1A00



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



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Do Not Publish without written permission from JSP Limited.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 1 of 2 / Issued 10 Jun 2026 / Copyright 2018 - 2026. JSP Limited. All Rights Reserved.



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
370g +/-5g



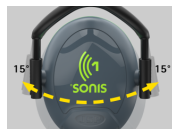
SNR
36 dB

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.

RANGE

DOWNLOADS

[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 / 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 2 / Issued 10 Jun 2026 / Copyright 2018 - 2026. JSP Limited. All Rights Reserved.

