



# SONIS™ HELMET MOUNTED

**sonis** 1

SNR 26



GREEN – LOW ATTENUATION  
SMALL CUP 80-106 dB

- Moderate industrial noise
- Workshops
- Printing works
- Landscaping
- Leisure activities

**sonis** COMPACT c

SNR 31



ORANGE – MEDIUM ATTENUATION  
SMALL / COMPACT CUP 106-111 dB

- Substantial industrial noise
- Construction & agricultural machinery
- Roadworks
- Forestry
- Engineering

**sonis** 3

SNR 36



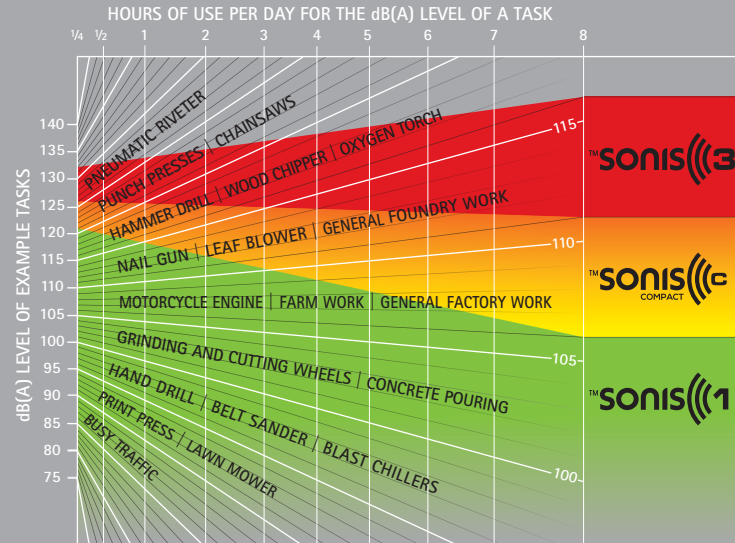
RED – HIGH ATTENUATION  
LARGE CUP 111-116 dB

- Extreme industrial noise
- Aircraft
- Quarrying
- Paper mills
- Heavy engineering

# SONIS™ HM FEATURES & PERFORMANCE



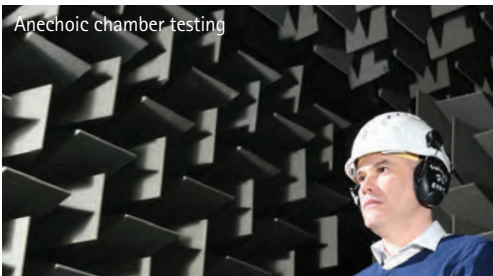
SNR 36



This chart is for guidance purposes only.

## STANDARDS, TESTING & PERFORMANCE

| EN STANDARD | EN352-1      |                                       |
|-------------|--------------|---------------------------------------|
|             |              |                                       |
|             |              |                                       |
| SNR VALUES  | Sonis™ 1     | SNR 26                                |
|             | Sonis™ C     | SNR 31                                |
|             | Sonis™ 3     | SNR 36                                |
| WEIGHT      | Sonis™ 1     | 239g +/-5g (approx.)                  |
|             | Sonis™ C     | 256g +/-5g (approx.)                  |
|             | Sonis™ 3     | 383g +/-5g (approx.)                  |
| MATERIALS   | Cups         | ABS                                   |
|             | Plate        | ABS                                   |
|             | Pivot Arm    | Acetal                                |
|             | Sealing ring | PET-G plate, TPU skin, Foamed Polymer |
|             | Inner foam   | Polyurethane foam                     |



Anechoic chamber testing



## ✓ PERFORMANCE

Designed by the JSP R&D team and developed with a leading UK acoustic engineering research facility, the Sonis™ range of helmet mounted ear defenders peaks at an unbeaten 36 SNR.

## ✓ COMFORT

The force the helmet adaptor applies and the cushion surface area work together to provide optimum cushion pressure and comfort.

## ✓ HYGIENIC

The headband is manufactured from TPE, making it easy to wipe clean. The sealing rings are easy to replace. Hygiene kits are available for each model.

## ✓ CUSTOMISATION

Sonis™ cups can be coloured to meet a corporate identity. They can also be printed with a company logo for improved brand recognition and to prevent theft. MOQ's apply.

