PRODUCT INFORMATION

Utilising Bilsom Technology’s patented Sound Management Technology™ (SMT), the Howard Leight® Clarity® earplug improves worker safety and communication by blocking hazardous noise while voice and signal frequencies can be heard more naturally. The Clarity earplug delivers uniform attenuation that blocks low and medium frequency noise while enhances perception of higher voice and warning signal frequencies without distortion, enhancing communication and overall worker safety. Clarity’s multi-material design with translucent stem facilitates its Sound Management Technology™ (SMT) membrane, managing the transmission of sound frequencies through the earplug and ear canal.

PRODUCT FEATURES

- Patented design blocks low and medium frequencies, while higher frequencies (voice, signals, alarms) can be heard more naturally, with less distortion.
- Prevents worker isolation by enhancing communication.
- Prevents overprotection, improves overall worker safety and compliance.
- Patented quadruple SoftFlange™ design creates comfortable seal in the ear canal, delivers all-day comfort.
- FlexiFirm® stem easy to grasp and insert for proper fit.
- Built-in membrane within translucent stem visually demonstrates Howard Leight Sound Management innovation.
- Optimal fit for comfort and safety.
- Provides quick and easy storage for long-term use, hook allows wearer to attach to belt loop, apron, bag or other work tools.
- Adjusts cord length to suit personal preference or application.
- Woven cord reduces sound transmission when earplugs are worn.

APPLICATIONS

Clarity earplugs are ideal for transportation workers, light manufacturing, warehousing and other workers exposed to low levels of hazardous or nuisance noise. Any noise environment 95dB to less than 100 dB.

TECHNICAL INFORMATION

Material: Silicone
Length: Blue 8-12mm, Green 7-10mm
Cord Length: Adjustable woven
Colour: Blue (regular), Green (small)
Storage Case: Reusable Carry Case
Temperature: -26°C to +60°C

STANDARDS

⇒ Approved to AS/NZS 1270:2002
License number 1579
⇒ SLC80 21dB Class 3

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<th>Frequency</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
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<tbody>
<tr>
<td>Mean Value dB</td>
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<td>22.1</td>
<td>24.9</td>
<td>26.2</td>
<td>27.4</td>
<td>26.6</td>
<td>37.1</td>
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<tr>
<td>Std Deviation dB</td>
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<td>8.0</td>
<td>6.5</td>
<td>6.6</td>
<td>5.6</td>
<td>4.7</td>
<td>7.8</td>
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<tr>
<td>Mean-Std Dev dB</td>
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<td>14.1</td>
<td>18.4</td>
<td>19.6</td>
<td>21.8</td>
<td>21.9</td>
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ORDERING INFORMATION

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<th>Pairs Per Box</th>
<th>Min order (box)</th>
<th>Box dimensions L x H x D (mm)</th>
<th>Box Weight</th>
<th>Case Dimensions L x H x D (mm)</th>
<th>Case Weight</th>
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<tbody>
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<td>Clarity – regular [blue], reusable case</td>
<td>10PR/Box</td>
<td>10 PR</td>
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<td>160g</td>
<td>200 x 160 x 590</td>
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WARNING!
This document provides an overview of personal protective products available from Honeywell Safety Products and care has been taken to assure the accuracy of the data. It does not provide important product warnings and instructions. Honeywell Safety Products recommends all users of any personal protective equipment undergo thorough training, and that all warnings and instructions provided with the products be thoroughly read and understood prior to each use. Failure to read and follow all product warnings and instructions could result in serious injury.

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