

## IG108

### SPECIALIZED LOUDSPEAKERS

*In-ground Loudspeaker*



#### PRODUCT OVERVIEW

The IG108 is an in-ground weatherproof loudspeaker (IP65) with an omni-directional horizontal dispersion pattern (360°). It is ideal for music and message applications in outdoor areas, where a reliable yet high quality sound system is required.

#### KEY FEATURES

- IP65 outdoor rated loudspeaker
- 8 ohm and 70/100 V (7,5, 15, 30 o 60 W tap switch)
- 8" Kevlar woofer and 1" ACCW silk dome tweeter
- Frequency response (-10 dB): 600 Hz to 20 kHz
- Omni directional horizontal coverage pattern (a circular area with an average radius of 4 to 6 meters can be covered by one unit, in a standard application)
- Security ground bracket included
- Available in green (RAL 6005)
- EASE Win file available



#### APPLICATIONS

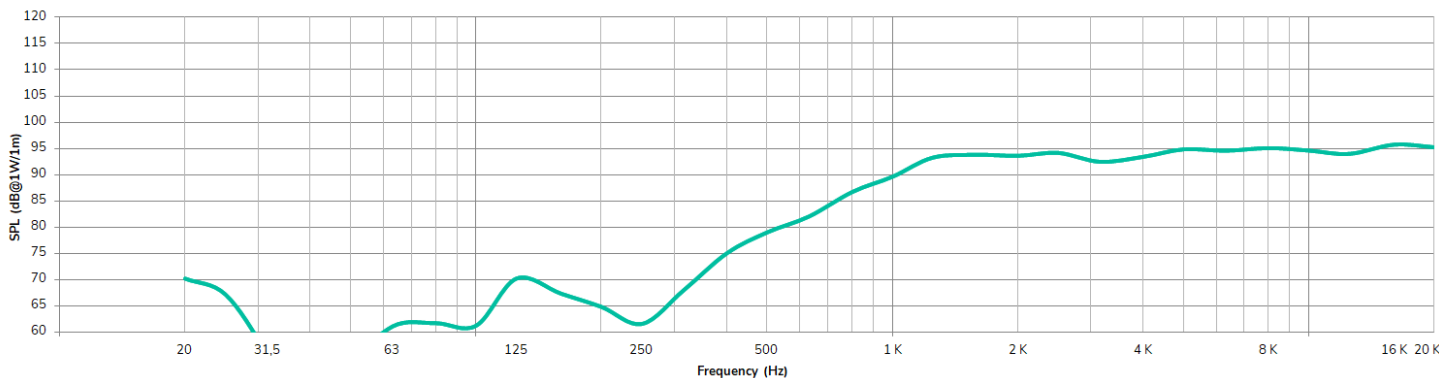
- Theme parks
- Gardens, nature parks and urban spaces
- Leisure centres
- Health and sport centres
- Museums
- Residential buildings, outdoor areas

TECHNICAL SPECIFICATIONS

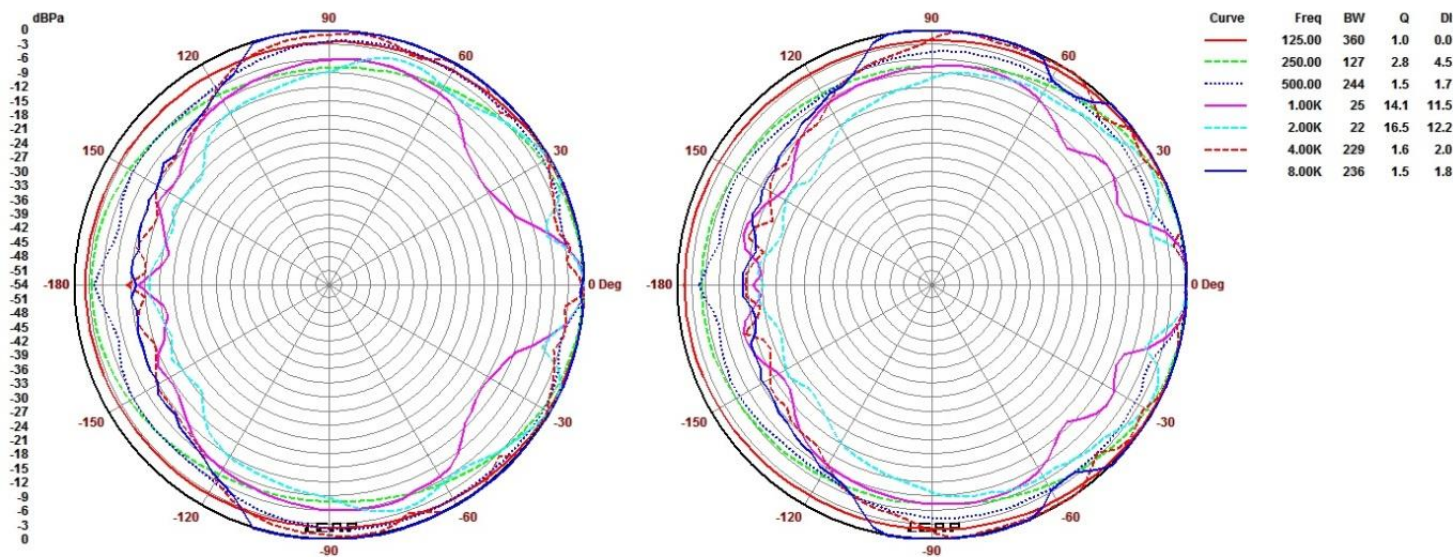
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|----------------------------------------|-------------------------------------------------------------------------|
| IG108                                  |                                                                         |
| System                                 |                                                                         |
| Effective frequency range <sup>1</sup> | 600 Hz-20 kHz                                                           |
| Coverage angle <sup>2</sup>            | 360°x229° (HxV)                                                         |
| Power handling                         | 100 W RMS / 400 W Peak                                                  |
| Sensitivity <sup>3</sup>               | 91 dB (1W/1m)                                                           |
| Maximum SPL <sup>4</sup>               | 111 dB continuous / 117 dB peak                                         |
| Power options                          | 100V: 60W / 30W / 15W / 7,5W / 8Ω<br>70V: 30W / 15W / 7,5W / 3,75W / 8Ω |
| Recommended amplifier power            | 200 W RMS                                                               |
| Transducers                            |                                                                         |
| Ways                                   | 2                                                                       |
| Low frequency driver                   | 8" Kevlar woofer                                                        |
| High frequency driver                  | 1" ACCW silk dome tweeter                                               |
| Nominal impedance                      | 8Ω                                                                      |
| Physical                               |                                                                         |
| Power type selector                    | Tap switch                                                              |
| Installation options                   | In-ground                                                               |
| Environmental                          | IP65 rated                                                              |
| Included accessories                   | Security ground bracket                                                 |
| Finished colour                        | Green (RAL 6005)                                                        |
| Dimensions (ØxD)                       | 360 x 392.5 mm / 14.17"x15.95"                                          |
| Weight                                 | 8.5 kg / 18.74 lb                                                       |

<sup>1</sup>10dB below the sound pressure level at specified sensitivity  
<sup>2</sup>6dB below the sound pressure level than that at the direction of maximum level, Average from 1 kHz to 4 kHz.  
<sup>3</sup>Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.  
<sup>4</sup>Calculated from sensitivity and power handling specifications, exclusive of power compression

FREQUENCY RESPONSE



POLAR DIAGRAMS





All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at Support / Technical Request.

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