

Section

Public Address

Category

EN 54-24 Loudspeakers

Code

C1000-EN range / C1100-EN

References

Compliant to standards: EN50200

EN54-24:2008 Cert. Nr. 0068/CPR/012-2019



Description

100W EN54 IP55 2-way speaker unit

The **C1100-EN** speaker unit is a weatherproof coaxial two way loudspeaker system offering substantial power and efficiency for a variety of professional indoor or outdoor applications. The low frequency transducer is a 8" woofer with a 2" voice coil. The high frequency section is a 1" driver with 1.4" voice coil on conical 90° horn. This speaker unit features a standard 100V line transformer. The cabinet is a single piece rotational moulded in polypropylene, fully UV protected. The C1100-EN model is internal equipped with ceramic terminal block and thermal fuses ensuring the continued operation of loudspeakers in the event of a fire; in addition all connections use flame-retardant cabling which adheres to the EN50200 standard (with IP68 airtight cable glands). The cabinet is equipped with a stainless steel U-bracket. The grille is in custom perforated stainless steel with 3 layers of protection. The C1100-EN meets the requirements of IP55 code (International Protection Rating).

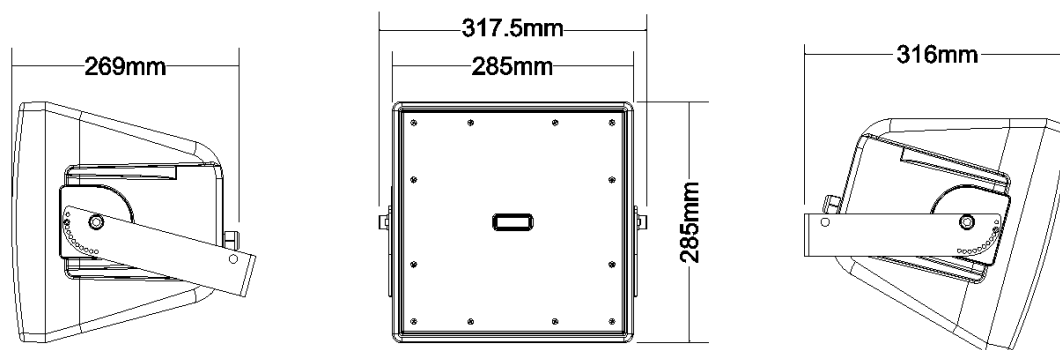
Main features

- 2-way multipurpose 8" coax.
- Sturdy molded polypropylene curved enclosure.
- 8" coaxial woofer with 2" coil / 1" HF driver with 1.4" coil.
- Line transformer.
- 4 wires cable to select the power tapping.
- Stainless steel water-stop grille with 3 layers of protection.
- IP55 weather resistant.
- Standard black finish
- Completely manufactured in Italy.

Applications

- Convention center.
- Athletic fields.
- Stadiums.
- Theme parks.
- Swimming pools.
- Cruise ships.
- Malls.
- Ballrooms.
- Outdoor background music.

Technical data



Technical data

C1100-EN



0068

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0068/CPR/012-2019

EN 54-24

Loudspeaker for voice alarm systems
for fire detection and fire alarm systems for buildings

C1100-EN

Type B

Rated power	100 W
Configuration	2-way
Line transformer (100V)	100 W / 50 W
Rated impedance	8 Ω
Frequency response @ -6dB	94 ÷ 20.000 Hz
Efficiency @ 1W/1m	94 dB
Maximum SPL @ 1m/4m	115 dB / 103 dB
Horizontal dispersion angle (-6dB)	500 Hz: 160° 1 kHz: 100° 2 kHz: 90° 4 kHz: 80°
Vertical dispersion angle (-6dB)	500 Hz: 160° 1 kHz: 100° 2 kHz: 90° 4 kHz: 80°
Recommended HP filter	70 Hz / 24 dBoct
Input connectors	4-wire cable
Colours	Black
Protection degrees	IP55
Dimensions	285 x 285 x 250 mm
Net weight	7 kg

Technical data

