

Section

Public Address

Category

EN 54-24 Loudspeakers

Code

C1000-EN range / C1050-EN

References

Compliant to standards: EN50200

EN54-24:2008 Cert. Nr. 0068/CPR/070-2019



Description

50W EN54 IP55 2-way speaker unit

The **C1050-EN** speaker unit is a weatherproof two way loudspeaker system offering substantial power and efficiency for a variety of professional indoor or outdoor applications. The low frequency transducer is a 5" woofer with a 1" voice coil. The high frequency section is a 1" dome tweeter with 100° x 70° coverage. This speaker unit features a standard 100V line transformer with selectable power tapping. The cabinet is a single piece rotational moulded in polypropylene, fully UV protected. The C1050-EN 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 die-cast aluminum wall bracket with ball-socket for multi angle adjustment capability with a security cable. The grille is in custom perforated stainless steel with 3 layers of protection. The C1050-EN meets the requirements of IP55 code (International Protection Rating).

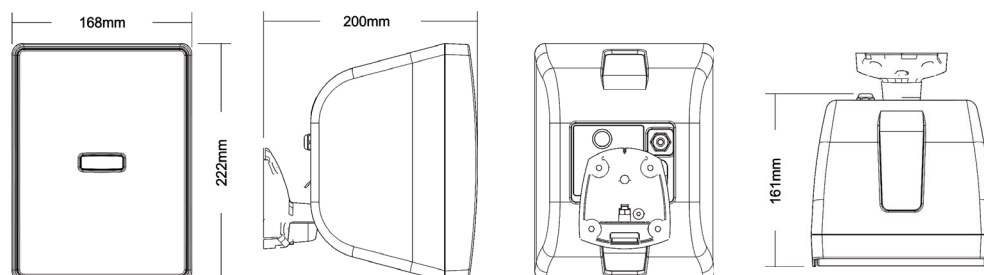
Main features

- 2 way configuration with an high power 5" cone and 1" dome for high frequencies.
- 100V line transformer with selectable 50W/25W power tapping.
- Die-cast aluminum wall bracket with ball/ socket for multi angle adjustment capability, with a security cable.
- 4 wires cable to select the desired power tapping.
- Stainless steel water-stop grille with 3 layers of protection.
- IP55 weather resistant.
- Standard black finish.

Applications

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

Technical data



Technical data

C1050-EN



0068

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0068/CPR/070-2019

EN 54-24

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

C1050-EN

Type B

Rated power	50 W
Configuration	2-way
Line transformer (100V)	50 W / 25 W
Rated impedance	8 Ω
Frequency response @ -6dB	100 ÷ 18.000 Hz
Efficiency @ 1W/1m	87,5 dB
Maximum SPL @ 1m/4m	104 dB / 92 dB
Horizontal dispersion angle (-6dB)	500 Hz: 180° 1 kHz: 140° 2 kHz: 80° 4 kHz: 95°
Vertical dispersion angle (-6dB)	500 Hz: 160° 1 kHz: 110° 2 kHz: 70° 4 kHz: 40°
Recommended HP filter	80 Hz / 24 dBoct
Input connectors	4-wire cable
Colours	Black
Protection degrees	IP55
Dimensions	168 x 222 x 200 mm
Net weight	3,5 kg

Technical data

