

IC6CLASS-54

EN54-24 CERTIFIED LOUDSPEAKERS

EN54-24 In-ceiling / In-wall High-End Loudspeaker



PRODUCT OVERVIEW

The IC6CLASS-54 2-way loudspeaker features a design which conforms to EN54-24 standard (Fire detection and fire alarm systems, Voice alarms - Loudspeakers), including a fire rated back can, ceramic connection terminals, thermal fuse and Internal FR wiring.

It integrates a very careful and efficient selection of components (6" woofer + 1" tweeter), together with a mechanical design that provide a high quality audio ("Hi-Fidelity" profile sound) and a very fast installation process, just using a basic set of tools.

KEY FEATURES

- 2 way loudspeaker, 75 WRMS
- 16 Ω impedance, allowing for multiple units connected in parallel to a standard audio amplifier
- High impedance built-in transformer, allowing for multiple units connected in parallel to a 70V / 100V line audio amplifier (5 different power tapings available)
- 16 Ω or high impedance power selection accessible from the front panel, once the loudspeaker is already installed in the ceiling
- 6,5" Kevlar® woofer
- 1" Silk dome (ACCW) tweeter
- Aluminium front grill
- Fire rated back can.
- Ceramic connection terminals
- Thermal fuse
- Internal FR wiring
- Fast installation procedure using a basic set of tools

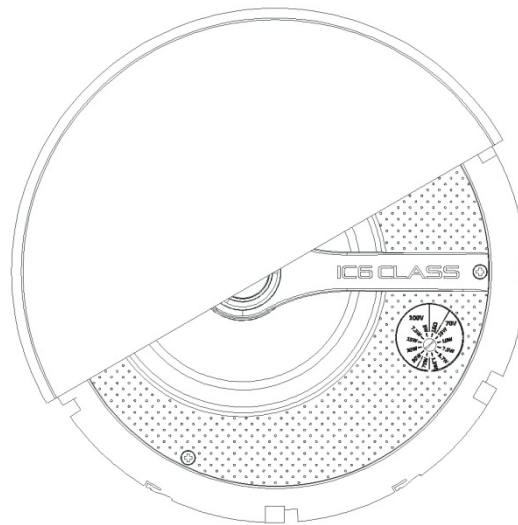
APPLICATIONS

- EN54-24 standard compliance
- Corporate and residential buildings
- Commercial premises, retail shops
- Leisure centres
- Sound reinforcement in clubs, bars, etc.
- Health and sports centres
- Meeting and conference rooms
- 5.1 and 7.1 surround systems
- Auditoriums, museums

CERTIFICATIONS

- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

MECHANICAL DIAGRAMS



TECHNICAL DATA

Nominal low impedance	16Ω
RMS power	75W
Power selector (70V)	1.5, 3.7, 7.5, 10, 15W
Power selector (100V)	3, 7.5, 15, 20, 30W
Frequency response (-6dB)	45Hz - 22kHz
Sensitivity 1W/1m	86dB
External diameter	270mm
Internal diameter	224,5mm
Recommended cut out diameter	227mm
Required depth	175mm
Weight	3,1Kg