



CS75D

2-way 5 ¼" in-ceiling speaker

► Features

- High-quality ceiling loudspeaker
- 5 ¼" 2-way driver
- Fast-con™ connections
- 16 Ohm impedance
- Moisture proof cone treatment
- Aluminium front grill
- Wide 135° conical coverage
- Quick-fit installation system
- Paintable to blend-in

► Applications

- Hotels
- Restaurants & pubs
- Corporate offices
- Retail stores & warehouses
- Public buildings
- Airports & train stations
- ...



The CS series loudspeakers are high-quality in-ceiling loudspeakers, delivering exceptional sound quality and value for a wide variation of applications, ranging from paging and announcements to background music systems in a wide range of business applications, including hotels, restaurants and pubs, corporate offices, retail stores, etc.

The CS75 in-ceiling loudspeaker features a 5 ¼" driver with a coaxially mounted 1" tweeter, having a continuous power handling of 30 Watt and a maximum power handling of 60 Watt. The 2-way construction makes the CS75 the perfect match for a wide variation highly demanding of applications, guaranteeing a high-quality and true-to-nature reproduction of music and speech.

The moisture proof treatment on the speakers' cone and aluminium front grill protects it for installation in humid or outdoor environments.

The 16 Ohms impedance allows connection of a large number of loudspeakers in a standard low impedance audio system (up to 4 speakers in parallel on a single 4 Ohm amplifier channel). Connections are made with Fast-con™, allowing fast and smooth connections. The mounting of the loudspeaker into the ceiling is achieved with a Quick-fix mechanism, offering a great installers convenience and lifetime stability.

The construction of the speakers' housing is made out of high-quality ABS, while the front is covered by a solid powder-coated aluminium grille. It comes available in different colours, while custom painting is possible for a total blending into any environment.

► Specifications

SYSTEM SPECIFICATIONS	
Speaker type	2-way coaxial
Max. power	60 Watt
RMS power	30 Watt
Impedance	16 Ohm <i>8 Ohm / 100 Volt version also available (CS75)</i>
Sensitivity (1W/1m)	90 dB
Sound pressure (Max W/1m)	104 dB
Frequency response (± 3 dB)	60 Hz - 20 kHz
Frequency range (-10 dB)	50 Hz - 20 kHz
Cross-over type	Passive built-in
Conical dispersion (1)	135°
PRODUCT FEATURES	
Dimensions (Diameter x Depth)	Ø 202.5 x 82 mm
Weight net	0.93 Kg
Connection	Fast-con™ connections
Drivers	5 ¼" MF/LF woofer 1" Tweeter
Construction	High quality ABS housing
Grill type	Finely perforated aluminium grill
Cut-out measurement	Ø 165 mm
Built-in depth	77 mm
Mounting & handling	Quick-fit installation system (4-screw)
Available colours	CS75/D White (NCS S1000-N) CS75D/W White (RAL9010)
SHIPPING & ORDERING	
Packaging	Cardboard box
Shipping weight & volume	1.20 Kg - 0.0060 Cbm
Accessories included	Foam inlay Cut-out template

(1) Half space (flush mounted in ceiling), average 100 Hz to 10 kHz at -6 dB

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continuously improve our products.

► Architects' and Engineers' Specifications

The ceiling mount loudspeaker shall be a 2-way coaxial type equipped with a 5 ¼" low frequency driver and a 1" tweeter. The speakers impedance shall measure 16 Ohms, allowing parallel connection of four speakers on a single 4 Ohm amplifier channel.

It shall have an RMS power handling of 30 Watt with a maximum power handling of 60 Watt and the frequency response (± 3 dB) shall range from 60 Hz to 20 kHz. The sensitivity shall be 90 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall be 104 dB. The nominal dispersion shall be a 135° conical coverage pattern at -6dB (average 100 Hz - 10 kHz).

Fast and smooth connection of the system shall be possible using a Fast-con™ connector.

The speakers frame shall be constructed in high quality ABS material which comes available in a white (RAL9010) colour and is fitted with a removable aluminium grill allowing custom painting to make it blend-in with any environment. Mounting of the speaker into the ceiling shall be possible using a 4-screw Quick-fix installation system.

The speaker shall have a diameter of 202.5 mm, a depth of 82 mm and the weight shall not exceed 0.93 kg. The speaker shall fit in a mounting hole with a cutout diameter of 165 mm and a build-in depth of 77 mm.

► Technical drawing

