

Highlights:

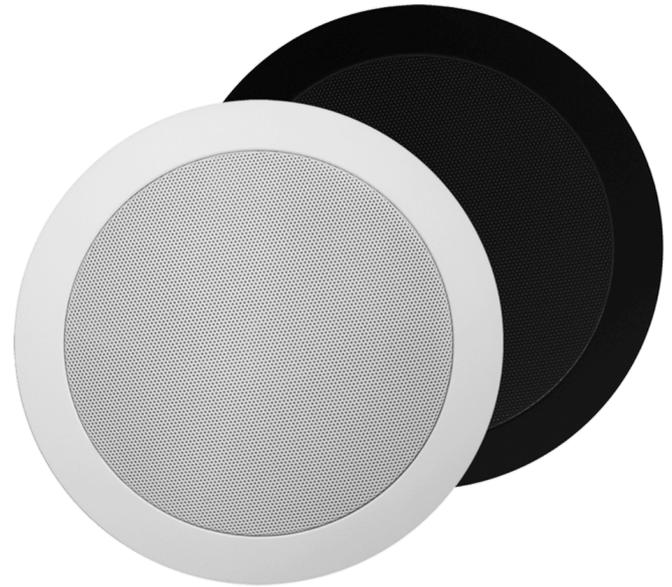
- FastCon™ connections
- QuickFix installation system
- Multi-tapping 100V line transformer
- 5 1/4" dual cone driver

Product information:

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 CS55 in-ceiling loudspeaker features a 5 1/4" dual cone driver with a continuous power handling of 10 Watt and a maximum power handling of 20 Watt. The dual-cone construction makes the CS55 the perfect match for a wide variation of general purpose indoor applications ranging from paging and announcement systems to background music systems. A multi-tapping line transformer fitted with Fast-con™ allows fast and smooth connections to 100 Volt public address or low impedance systems. The mounting of the loudspeaker into the ceiling is achieved with a Quick-fix mechanism, offering 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 steel grill. It comes available in different colours, while custom painting is possible for a total blending into any environment.

Applications:

- Bars & Restaurants
- Retail
- Hotels
- Corporate



Impedance:

Ω 8 Ohm Ω 16 Ohm

Voltage:

⚡ 100 Volt

System specifications:

Speaker type		Dual cone
Program power handling		20 W
RMS/AES power handling		10 W
Impedance		8 Ω (CS55) 16 Ω (CS55D)
Line Transformer Tappings	1	6 W / 1667 Ω
	2	3 W / 3333 Ω
	3	1.5 W / 6667 Ω
Sensitivity (1W/1m)		93 dB
Sound Pressure (Max. W/1m)		109 dB
Frequency	Response (\pm 3 dB)	70 Hz - 14 kHz
	Range (-10 dB)	55 Hz - 16 kHz
Dispersion	Conical	140° (Half space (flush mounted in ceiling), average 100 Hz to 10 kHz @ -6 dB)
Connectors		Multi-tap Fast-con™ connections
Drivers		5 1/4"

Product Features:

Dimensions	202.5 x 67 mm (\emptyset x D)
Weight	0.750 kg (CS55) 0.550 kg (CS55D)
Construction	ABS
Front finish	Steel grill
Cut-out measurement	165 mm (\emptyset)
Built-in depth	62 mm
Mounting & handling	QuickFit™ installation system (4-screw)
Colours	White (NCS S 1000-N) (CS55) White (RAL9010) (CS55/W) Black (RAL9005) (CS55/B) White (NCS S 1000-N) (CS55D) White (RAL9010) (CS55D/W)

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	0.820 kg - 0.0040 Cbm (CS55)
	0.650 kg - 0.0040 Cbm (CS55D)

Architects' and Engineers' Specifications:

The ceiling mount loudspeaker shall be a dual-cone type equipped with a 5 1/4" low frequency driver and fitted with a line transformer allowing it to be used on both low impedance (8 Ohm) and 100 Volt distributed lines.

It shall have an RMS power handling of 10 Watt with a maximum power handling of 20 Watt and the frequency response (± 3 dB) shall range from 70 Hz to 14 kHz. The sensitivity shall be 93 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 109 dB. The nominal dispersion shall be a 140° conical coverage pattern at -6dB

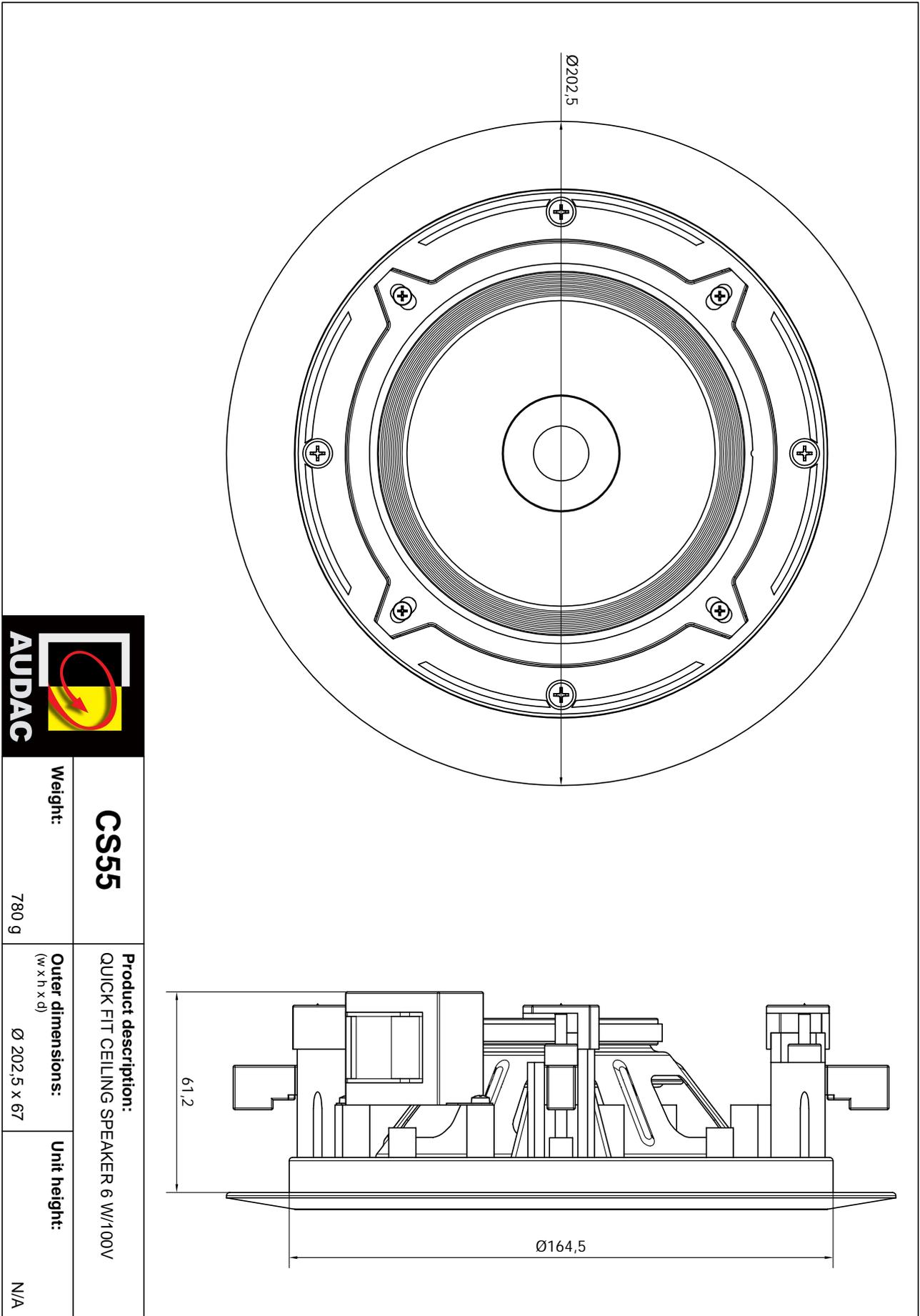
(average 100 Hz - 10 kHz).

The loudspeaker shall be switchable between 8 Ohm and constant voltage operation, and shall be fitted with a multi-tapping line transformer with tapings for 6 Watt, 3 Watt and 1.5 Watt including an 8 Ohm bypass. Fast and smooth connection of the system shall be possible using a Fast-con™ multi-tapping connector.

The speakers frame shall be constructed in high quality ABS material which comes available in both white (RAL9010) and black (RAL9005) colours and is fitted with a removable steel 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 67 mm and the weight shall not exceed 0.75 kg. The speaker shall fit in a mounting hole with a cutout diameter of 165 mm and a build-in depth of 62 mm.



Weight:	CS55	Product description:
780 g		QUICK FIT CEILING SPEAKER 6 W/100V
Outer dimensions:		
(w x h x d)	$\varnothing 202,5 \times 67$	
Unit height:		
N/A		