



# CELO 8

## High-End Ceiling Speaker

### ► Features

- High-End 2-Way Ceiling speaker
- Slim grill with thin border (1 mm)
- Elegant & unobtrusive design
- Warm & True to nature sound
- Paintable front grill
- 1" + 8" Aluminum drivers
- 80 Watt RMS power
- Gold plated spring clamp connectors
- Quick and simple mounting

### ► Applications

- Residential applications
- Retail stores & Shopping centers
- Restaurants
- Bars
- Public buildings
- Offices

The CELO series is AUDAC's first High-End ceiling speaker series, consisting of three models which can guarantee an optimal experience for every situation and application. The CELO 8 is the largest 8" model of this series.

Due to its slim grill design with very thin border of only 1 mm and a limited grill depth which extrudes from the ceiling surface by only 3.2 mm, these speakers will become nearly invisible when mounted. To make them blend in even more, they can be painted in the same colour as the surrounding surface. This elegant and unobtrusive grill is held in place by means of powerful neodymium magnets, making assembly and disassembly very simple, but still reliable enough for keeping the grill in place during the complete lifetime of the loudspeaker.

When the grill is removed, it's clear for anyone to see that the CELO speakers are made by using only the highest quality materials, guaranteeing an unsurpassed sound experience. One 1" Aluminum cone tweeter is held in place by an acoustically optimised arm in front of a 8" Aluminum cone woofer. Together with the crossover network which is made of high-quality components, this results in true to nature sound reproduction for a warm and detailed sound with an RMS power of 80 Watt.

To guarantee a lifetime stability, secure mounting and easy installation, the loudspeaker connection is made using Gold plated spring clamp connectors. The mounting of the loudspeaker into the ceiling should be done by a quick-fixing mechanism which can be tightened by four screws and the front grill is held into place by neodymium magnets.



### ► Specifications

SYSTEM SPECIFICATIONS	
Max. power	160 Watt
RMS power	80 Watt
Sensitivity (1 W / 1 m)	89 dB
SPL Max (Max W / 1 m)	108 dB
Frequency response (±3 dB)	46 Hz - 20 kHz
Impedance	8 Ohm
Crossover frequency	3000 Hz
Crossover type	Passive built-in
PRODUCT FEATURES	
Dimensions (Diameter x Depth)	Ø 270 x 118 mm
Weight net	2.25 Kg
Drivers (Coaxial)	HF 1" Aluminum membrane LF 8" Aluminum membrane
Construction	High-Quality ABS housing
Mounting	4 Screw Quick-Fixing mechanism
Cut-out measurement	250 mm
Built-in depth	115 mm
Front finish	Thin edge white grill (1 mm width x 3.2 mm height edge)
Colour	White grill & Black frame
Connections	Gold plated spring clamps
Operation temperature range	-25 °C ~ 55°C
Operation relative humidity	< 90 %
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight & volume	Kg - Cbm
Accessories	Cut-out template
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products	