

## Highlights:

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- 1" + 8" " Aluminum membrane drivers
- High-end 2-way ceiling speaker
- 80 Watt Continuous (AES) power
- SlimLine™ grill with 1mm thin border
- Elegant & unobtrusive design
- Warm & true to nature sound
- Paintable front grill
- Gold-Con™ spring clamps
- Thin edged white grill

## Product information:

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The CELO series is AUDAC's first High-end slim ceiling speaker series, consisting of four models which can guarantee an optimal experience for every situation and application. The CELO8 is the largest 8" model of this series. Due to its slim grill design with a 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, the grill can be painted in the same color as the surrounding surface or an optional black grill (GLC08/B) will provide seamless integration in dark environments.

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 optimized arm in front of an 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.

## Applications:

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- Hotels
- Residential
- Retail
- Bars & Restaurants
- Corporate



## Impedance:

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$\Omega$  8 Ohm

## System specifications:

Speaker type		2-way coaxial
Peak power handling		320 W
Program power handling		160 W
Continuous power (AES)		80 W
Impedance		8 $\Omega$
Sensitivity (1W/1m)		89 dB
Sound Pressure (Max. W/1m)		108 dB
Frequency	Response ( $\pm$ 3 dB)	46 Hz - 20 kHz
	Range (-10 dB)	32 Hz - 20 kHz
Crossover	Type	Passive built-in
	Frequency	3 kHz
Dispersion	Conical	135°
Connectors		Gold-Con™ spring clamps
Drivers	HF	1" Aluminium membrane
	LF	8" Aluminium membrane

## Product Features:

Dimensions		10.63 x 4.65 " ( $\varnothing$ x D)
Weight		4.96 lb
Construction		ABS
Cut-out measurement		9.65 " ( $\varnothing$ )
Built-in depth		4.53 "
Mounting & handling		4 Screw quick-fixing mechanism
Operating temperature		-20 °C ~ 60 °C
Colours		Black frame & white grill
Accessories	Included	GLC08I/W - White grill + logo (RAL9016)
		Cut-out template
	Optional	WTR24 - 24W 100V line transformer
		GLC08I/B - Black grill + logo (RAL9005)
		GLC08/P - Paintable grill

## Variants:

- CELO8I/W - White version - 8 $\Omega$  (RAL9016 + Logo)