

Highlights:

- High-end 2-way ceiling speaker
- 60 Watt RMS 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 (RAL9003)
- 1" + 6" Aluminum membrane drivers

Product information:

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 CELO6 is the medium 6" 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 (GLC06/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 a 6" 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 60 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:

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



Impedance:

Ω 8 Ohm

System specifications:

Speaker type		2-way coaxial
Peak power handling		240 W
Program power handling		120 W
RMS/AES power handling		60 W
Impedance		8 Ω
Sensitivity (1W/1m)		88 dB
Sound Pressure (Max. W/1m)		106 dB
Frequency	Response (\pm 3 dB)	55 Hz - 20 kHz
	Range (-10 dB)	44 Hz - 20 kHz
Crossover	Type	Passive built-in
	Frequency	3 kHz
Dispersion	Conical	140°
Connectors		Gold-Con™ spring clamps
Drivers	HF	1" Aluminium membrane
	LF	6" Aluminium membrane

Product Features:

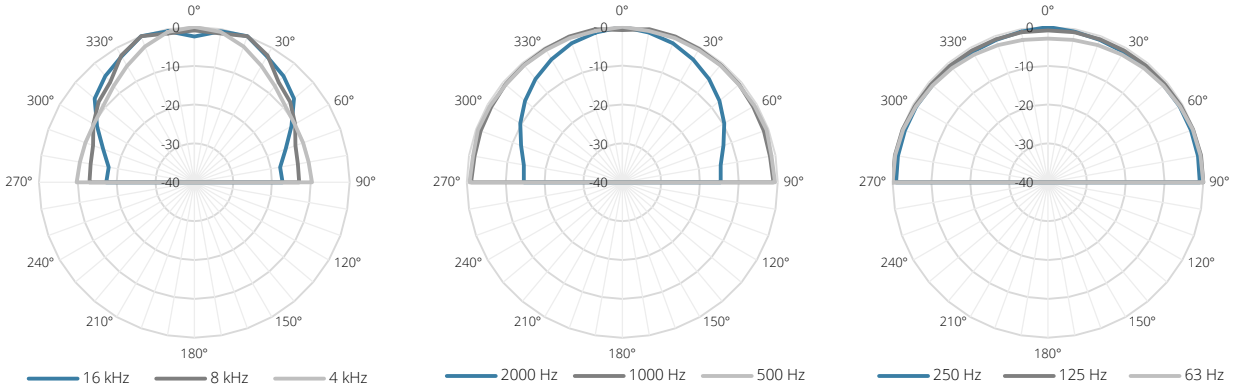
Dimensions		230 x 103 mm (\varnothing x D)
Weight		1.650 kg
Construction		ABS
Cut-out measurement		205 mm (\varnothing)
Built-in depth		100 mm
Mounting & handling		4 Screw quick-fixing mechanism
Operating temperature		-20 °C ~ 60 °C
Colours		Black frame & white grill
Accessories	Included	Cut-out template
		GLC06I/W - White grill + logo (RAL9016)
	Optional	WTR24 - 24W 100V line transformer
		GLC06I/B - Black grill + logo (RAL9005)
		GLC06/P - Paintable grill

Variants:

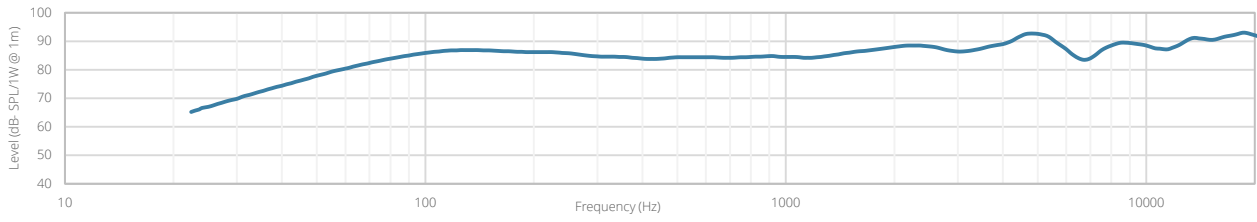
- CELO6I/W - White version - 8 Ω (RAL9016 + Logo)

Acoustical data graphs:

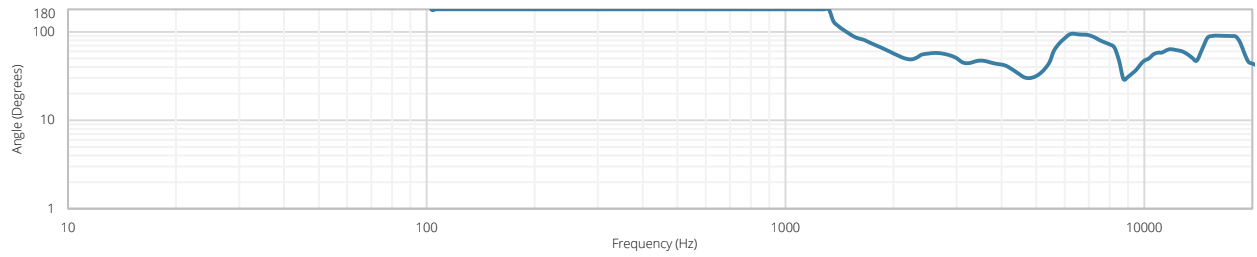
Polars:



Sensitivity:



Beamwidth (-3dB):



Directivity index:

