



# CALI660

## Safelatch™ 2-way 6.5" ceiling speaker with Twist-Fix™ grill

### Highlights:

- Secure Safelatch™ system
- Ceramic terminal block
- Excellent off-axis performance (up to 145°)
- Unique TwistFix™ grill design
- Borderless grill design
- Rotary switch for 16W, 32W, 64W and an 8 Ohm tapping
- Shallow built-in depth (120 mm)
- Multi-tapping 70V / 100V line transformer

### Product information:

The CALI660 is a 2-way ceiling speaker with rear dome, constructed using a 6.5" cone driver, combined with a coaxially mounted 1" soft dome tweeter which is fitted with a phase plug for excellent off axis performance up to 145°.

The 2-way construction combination with metal rear-dome guarantees premium performance for demanding applications. A continuous power handling of 60 Watt (RMS) and maximum power handling of 120 watt is achieved, while fitted with a rotary switch for tapping of the 70/100V line transformer with tapings for 60W, 30W, 15W and an 8 Ohm bypass connection.

### Applications:

- Corporate
- Retail
- Bars & Restaurants



### Impedance:



## Voltage:



## System specifications:

Peak power handling		240 W
Program power handling		120 W
RMS/AES power handling		60 W
Sound Pressure (Max. W/1m)	@ 100 V	106 dB
Sensitivity (1W/1m)		86 dB
Dispersion	Conical	145°
Frequency	Response ( $\pm 3$ dB)	90 Hz - 20 kHz
	Range (-10 dB)	65 Hz - 20 kHz
Speaker type		2-way coaxial
Connection		Ceramic screw terminal with link through
Line Transformer Tappings	1	83 $\Omega$ - 100 V / Not used - 70 V / 60 W
	2	167 $\Omega$ - 100 V / 60 W - 70 V / 30 W
	3	333 $\Omega$ - 100 V / 30 W - 70 V / 15 W
	4	667 $\Omega$ - 100 V / 15 W - 70 V / 7.5 W

## Product Features:

Cut-out measurement	220 mm ( $\emptyset$ )
Dimensions	242 x 120 mm ( $\emptyset$ x D)
Built-in depth	120 mm
Operating temperature	-20 °C ~ 60 °C
Construction	ABS and powder coated steel
Mounting	SafeLatch™ mounting system
Weight	3.42 kg

## Variants:

- CALI660/W - White

## Architects' and Engineers' Specifications:

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The ceiling mount loudspeaker shall be a 2-way coaxial type equipped with a 6.5" low frequency driver and a 1" tweeter installed in a sealed enclosure and fitted with a line transformer allowing it to be used on both low impedance (8 Ohm) and 100 Volt distributed lines.

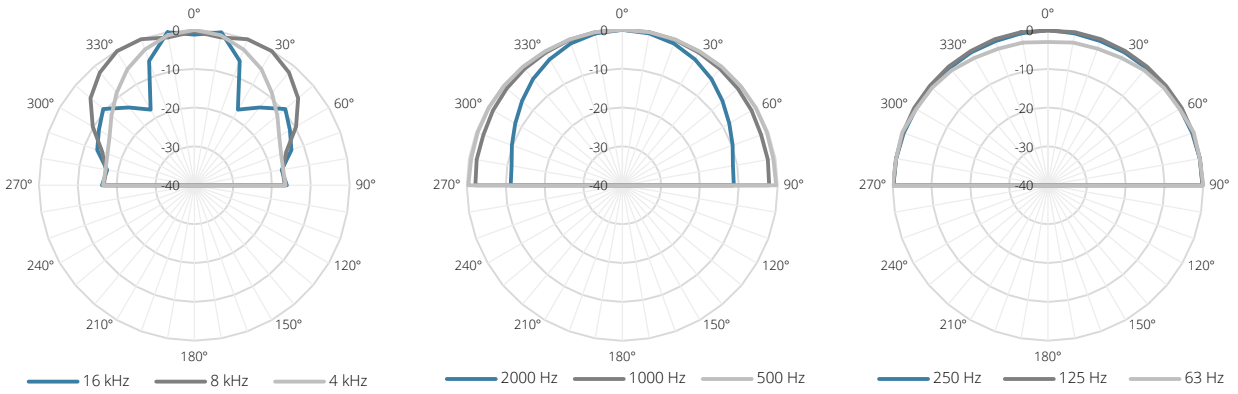
It shall have an RMS power handling of 60 Watt with a maximum power handling of 120 Watt and the frequency response ( $\pm 3$  dB) shall range from 90 Hz to 20 kHz. The sensitivity shall be 86 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level at 100 V shall be 106 dB. The nominal dispersion shall be a 145° 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 70/100V multi-tapping line transformer with tapings for 60 Watt, 30 Watt and 15 Watt including an 8 Ohm bypass. Selection of the power taps shall be done using a rotary switch located behind the front grill.

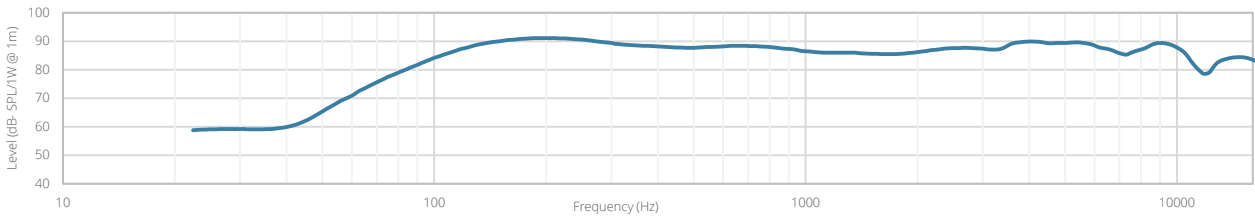
The speakers frame shall be constructed in high quality ABS material which comes available in white (RAL9010) colour and is fitted with a removable steel grill allowing custom painting to make it blend-in with any environment. The rear side of the speaker shall be covered with a steel constructed back can including a terminal box with strain relief. A 4-pin terminal block connector allows connection and link-and parallel link through to other speakers. Mounting of the speaker into the ceiling shall be done using a 3-screw Quick-fix installation system.

The speaker shall have a diameter of 242 mm, a depth of 120 mm and the weight shall not exceed 3.42 kg. The speaker shall fit in a mount-ing hole with a cutout diameter of 220 mm and a build-in depth of 120 mm.

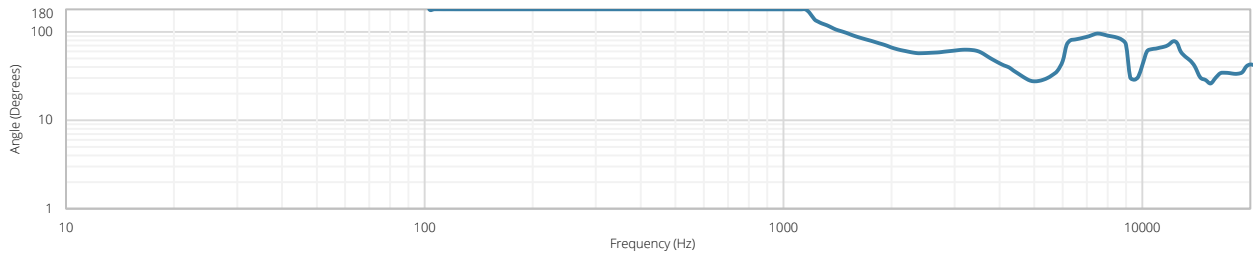
Polars:



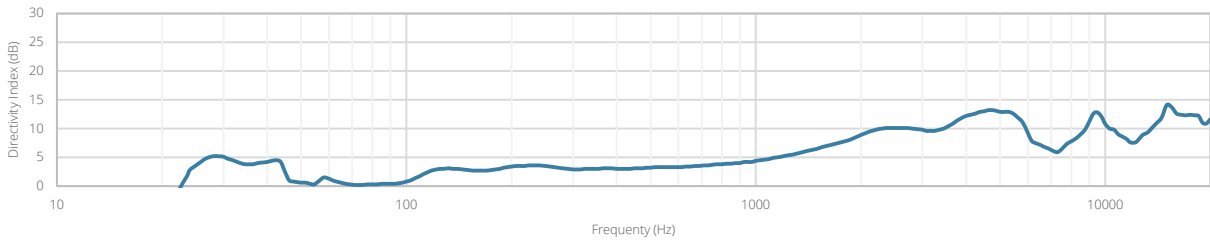
Sensitivity:

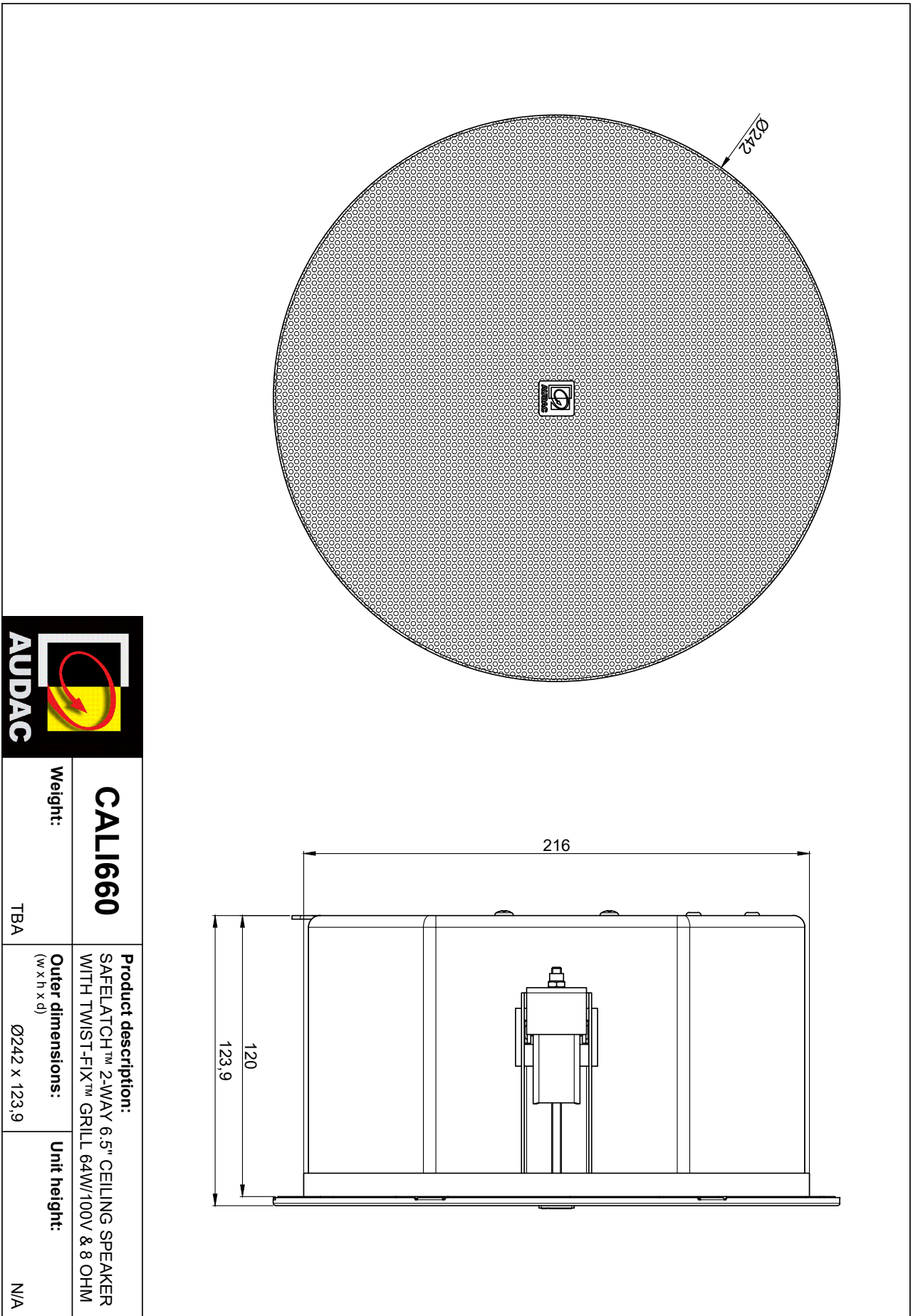


Beamwidth (-3dB):



Directivity index:





<p><b>Weight:</b></p> <p>TBA</p>	<p><b>CALI660</b></p>
<p><b>Outer dimensions:</b> (w x h x d)</p> <p><math>\varnothing 242 \times 123,9</math></p>	<p><b>Product description:</b></p> <p>SAFELATCH™ 2-WAY 6.5" CEILING SPEAKER WITH TWIST-FIX™ GRILL 64W/100V &amp; 8 OHM</p>
<p><b>Unit height:</b></p> <p>N/A</p>	