



# CLS440/W

Column speaker 8 x 3"

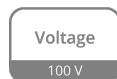
The CLS series are standard powerful column speakers with a slim design, perfectly suitable for a wide variation of indoor applications where audibility of music and speech is very important. The CLS440 features a speaker unit consisting of 8 x 3" drivers, capable of producing a power up to 40 Watt RMS. The advanced technology gives the effect of listening to a single sound source, with the same dimensions of the total speaker unit. This guarantees a wide sound dispersion and improved speech intelligibility in acoustically difficult venues. Some typical applications of column speakers are: houses of worship, auditoria, sports facilities, conference facilities, meeting rooms, public buildings, educational facilities, ... It is fitted with a 100V line transformer with power taps for 40 Watt and 20 Watt. The speaker housing is made of sturdy aluminum coated in a white color, offering a timeless design which will be appreciated in any interior. For the mounting of the CLS440, a special bracket is included, which makes it possible to focus the speaker.

## Applications:

- Education
- Public facilities
- Corporate spaces
- Houses of worship



## Voltage:



## System specifications:

Speaker type		Column speaker
Max. Power		80 W
RMS Power		40 W
Line Transformer Tappings	1	40 W / 250 Ω
	2	20 W / 500 Ω
Frequency	Response (± 3 dB)	170 Hz - 15 kHz
Sound Pressure (Max. W/1m)		92 dB
Dispersion	Horizontal	115°
	Vertical	15° off axis
Connection		Screw terminal
Drivers		8 x 3"

## Product Features:

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Dimensions		104 x 834 x 86 mm (W x H x D)
Weight		3.500 kg
Operating temperature		-20 °C ~ 60 °C
Construction		Aluminium
Front finish		Aluminium grill
Mounting & handling		Mounting wall bracket
Colours		White (RAL9001) (CLS440/W)
Accessories	Included	Wall mounting bracket

## Shipping & Ordering:

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Packaging	Cardboard box
Shipping weight & volume	8.500 kg - 0.0458 Cbm

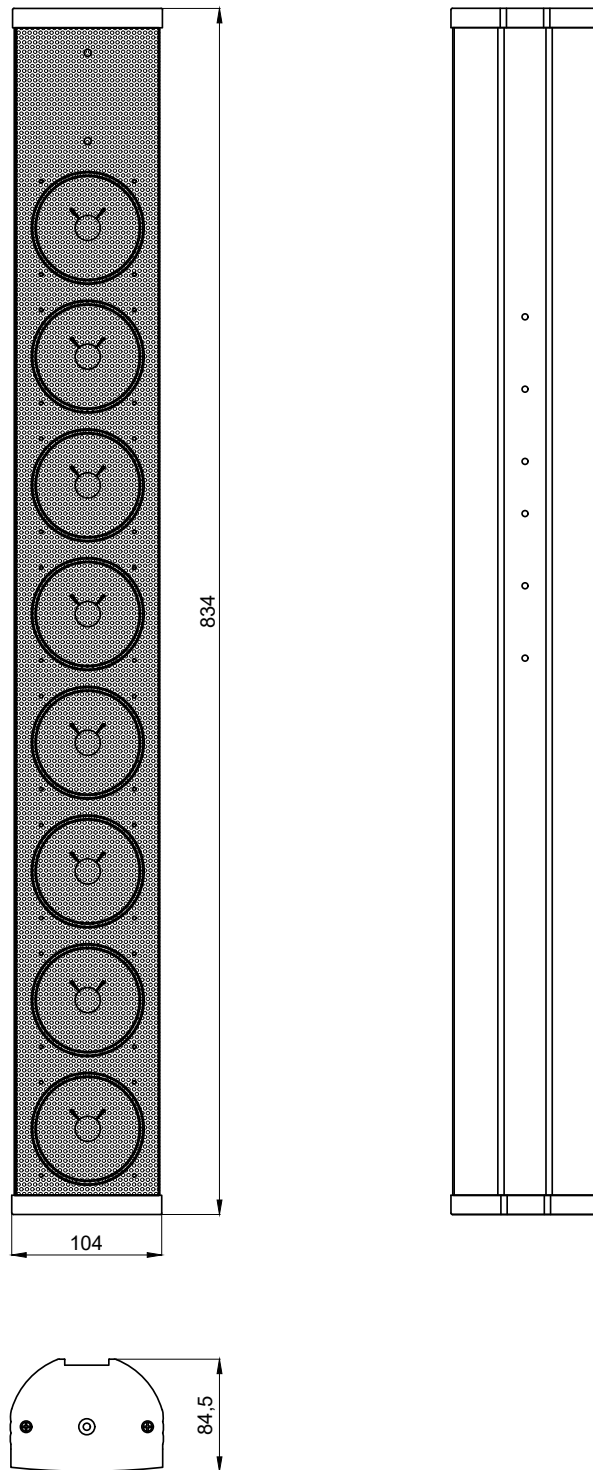
## Architects' and Engineers' Specifications:

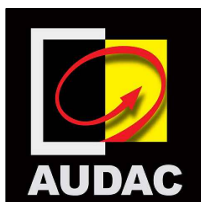
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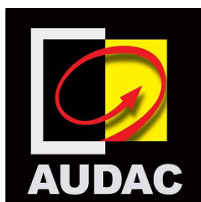
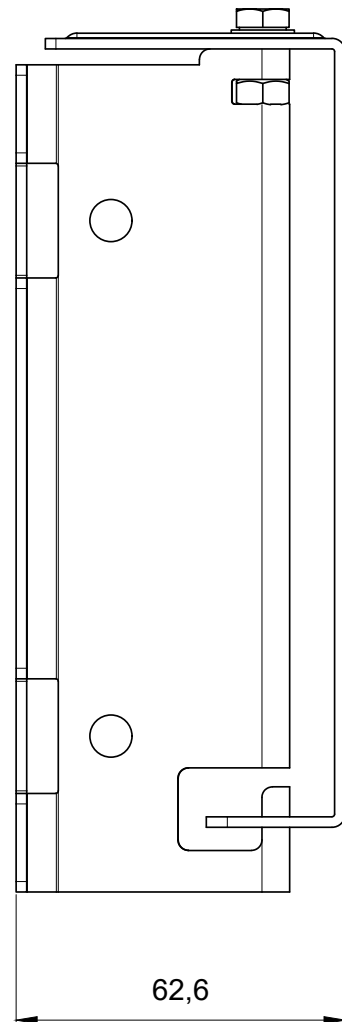
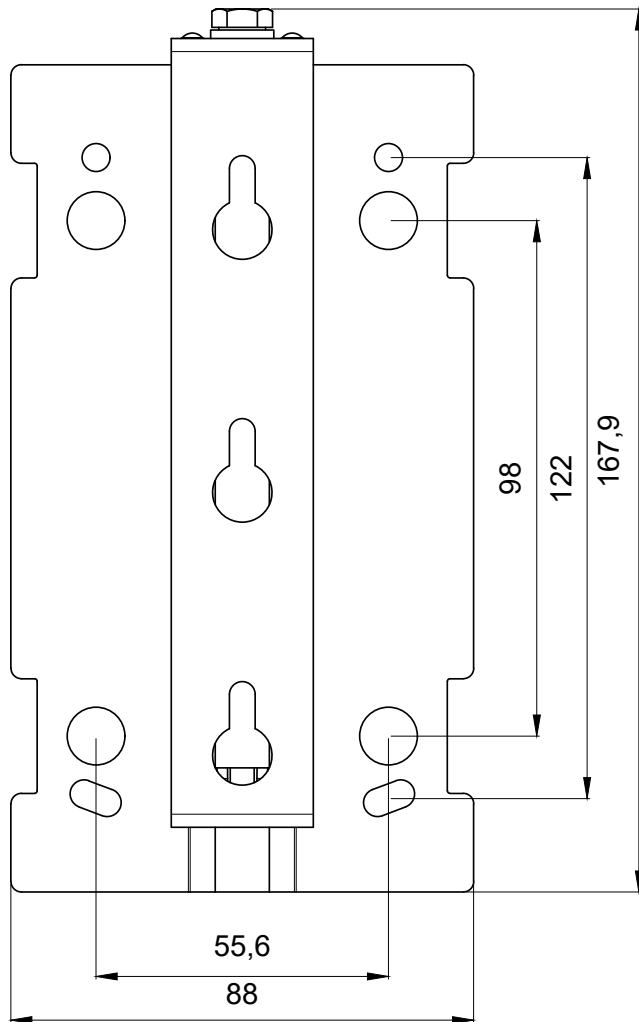
The loudspeaker must be a surface-mount column type, consisting of 8 x 3" drivers that are built in an aluminum enclosure with a finely perforated aluminum front grill and fitted with a line transformer. Mounting of the speaker shall be possible in vertical position using a supplied mounting bracket, allowing swiveling to both sides and down-tilting for perfect directional placement.

It must have an RMS power handling of 40 Watt with a maximum power handling of 80 Watt and the frequency response ( $\pm 3$  dB) must range from 170 Hz to 15 kHz. The sensitivity must be 92 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level must reach 108 dB. The loudspeaker must be fitted with a line transformer for use in 100 Volt constant voltage audio systems with multiple tapings for 40 Watt and 20 Watt which are selectable through multi-tapping screw terminal connections.

The loudspeaker enclosure must be 384 mm high, 104 mm wide and 84,5 mm deep. Its weight must not exceed 3.5 kg. The loudspeaker's color must be RAL9010.



	<b>CLS440</b>		<b>Product description:</b> COLUMN SPEAKER 100V 40W
	<b>Weight:</b> 3,5 kg	<b>Outer dimensions:</b> (w x h x d) 104 x 834 x 84,5	<b>Unit height:</b> N/A



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