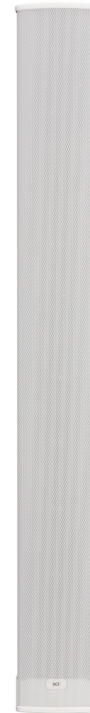


CS 6940EN

TWO-WAY COLUMN SPEAKER

DESCRIPTION

CS 6940EN is a compact and elegant two-way column speaker providing highly intelligible voice reproduction, and suitable for installation into places of worship, stations, subways and many other environments. The terminal connection blocks, for input and output flameproof cables, are made of ceramic material. A thermal fuse protects the integrity of the line in case of heat affecting the speaker. Ground screw available (if needed). Thanks to its IP66 protection grade, it can be installed both indoor and outdoor.



FEATURES

- 8 x 3" fullrange transducers with 0.75" dome tweeter.
- Power selectable (100 V): 40 W – 20 W – 10 W – 5 W – 2.5 W.
- 95 dB sensitivity.
- Colour white RAL 9003.
- Aluminium body, grille and bracket.
- In/out ceramic terminal block.
- Thermal fuse protection.
- Protection grade IP66.

TECHNICAL SPECIFICATIONS

Acoustical specifications

Frequency Response (-10dB):	140 Hz ÷ 20000 Hz
Max SPL @ 1m:	109 dB
Max SPL @ 4m:	97 dB
Horizontal coverage angle:	194°
Vertical coverage angle:	30°
System Sensitivity:	95 dB
System Sensitivity 1W @ 4m:	83 dB

Power section

Power Handling:	40 W
Peak Power Handling:	160 W PEAK
Recommended Amplifier:	80 W
Protections:	Thermal fuse

Transducers

Dome Tweeter:	0.75"
Fullrange:	8 x 3.0"

Input/Output section

Input connectors:	Ceramic screw terminals
Output connectors:	Ceramic screw terminals
Constant Voltage Transformer:	70/100 V
Power selection 1:	40 W - 250 ohm
Power selection 2:	20 W - 500 ohm
Power selection 3:	10 W - 1000 ohm
Power selection 4:	5 W - 2000 ohm
Power selection 5:	2.5 W - 4000 ohm

Standard compliance

IP protection grade:	IP 66
EN54-24 certified:	Yes
CE marking:	Yes
CPR number:	1488-CPR-0490/W

Physical specifications

Cabinet/Case Material:	Aluminium
Grille:	Aluminium
Color:	White - RAL 9003

Size

Height:	995 mm / 39.17 inches
Width:	114 mm / 4.49 inches
Depth:	96 mm / 3.78 inches
Weight:	7 kg / 15.43 lbs

Shipping informations

Package Height:	2000 mm / 78.74 inches
Package Width:	1090 mm / 42.91 inches
Package Depth:	1700 mm / 66.93 inches
Package Weight:	8.4 kg / 18.52 lbs

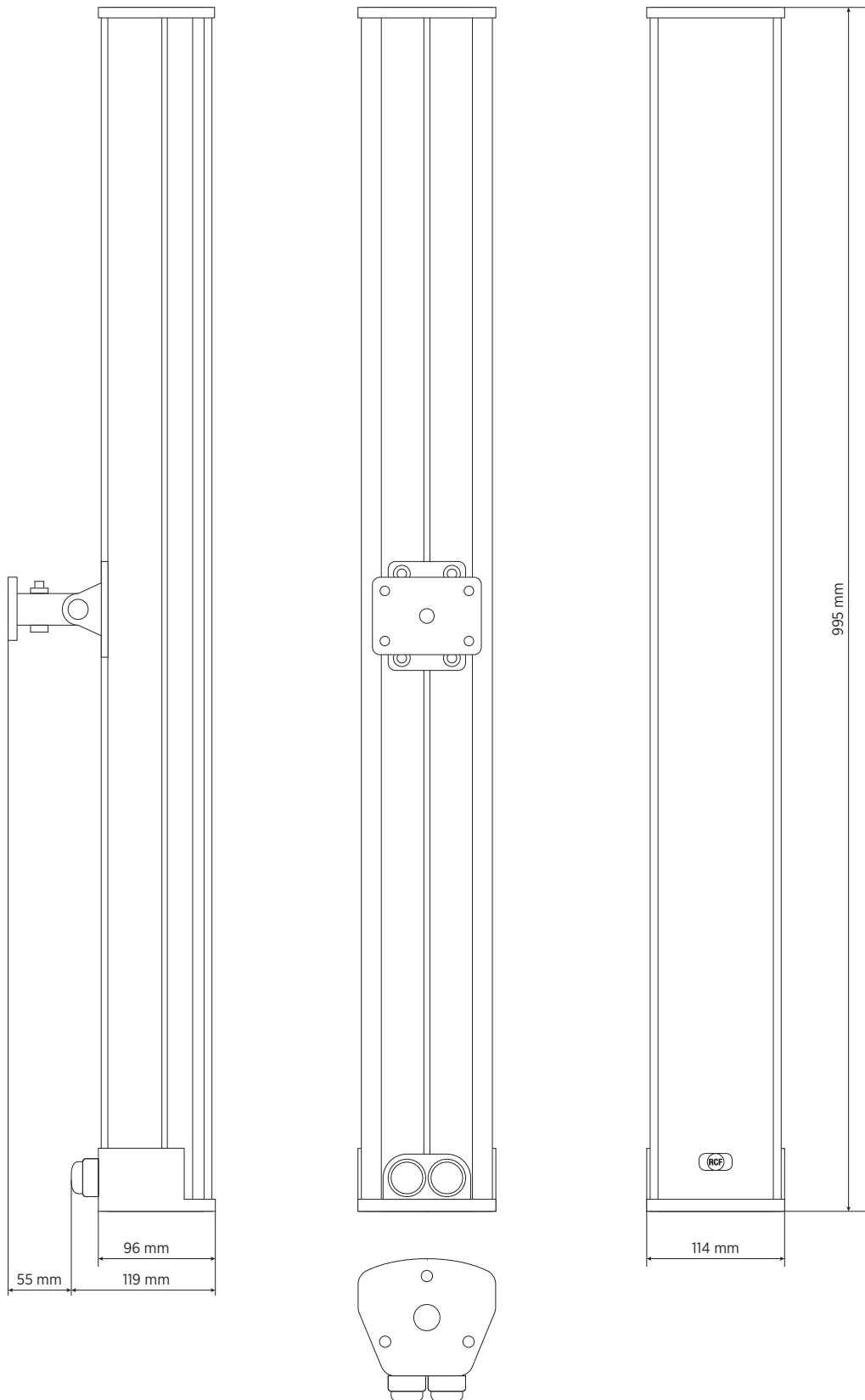


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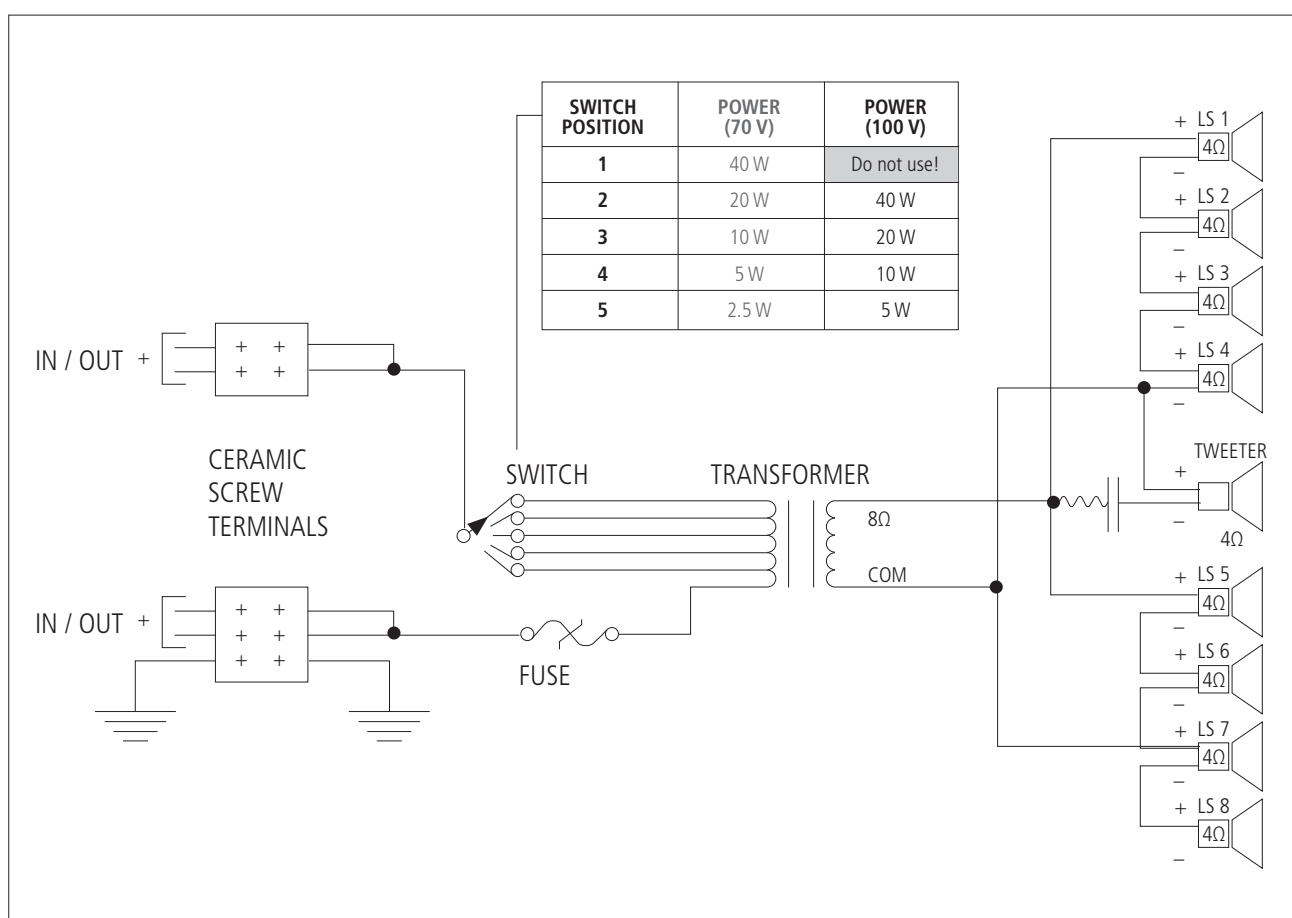
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CS 6940EN

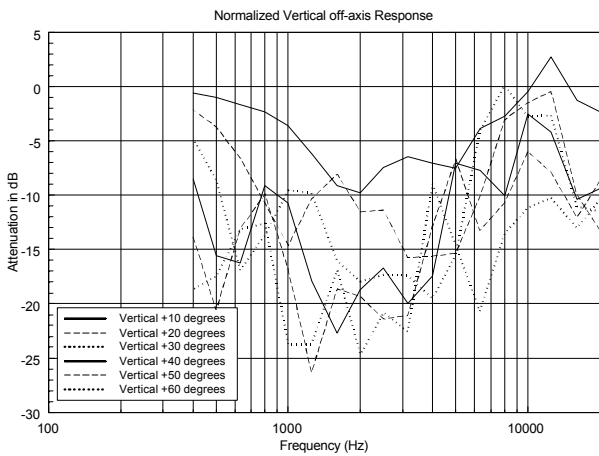
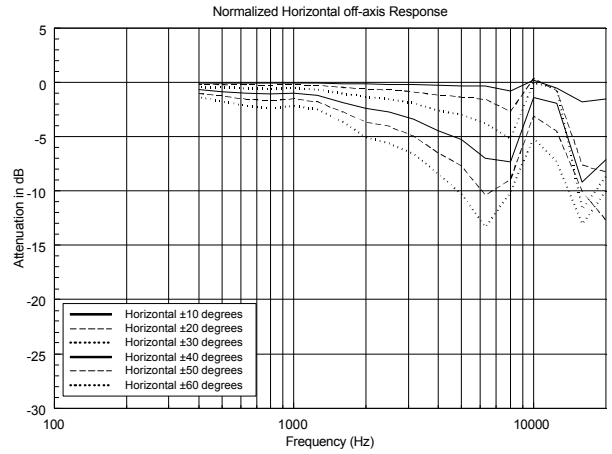
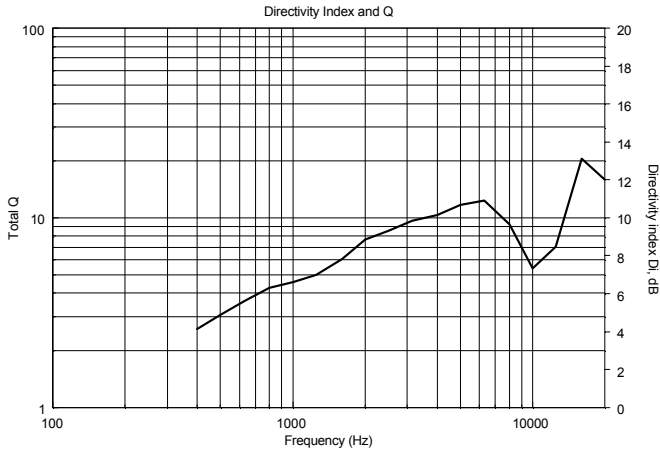
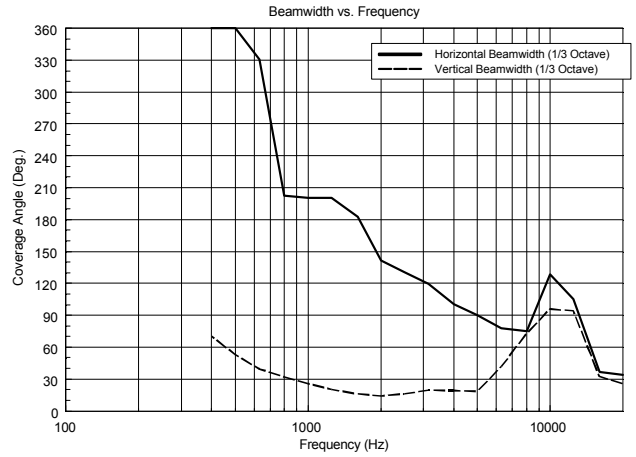
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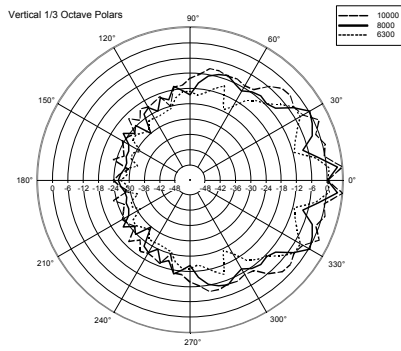
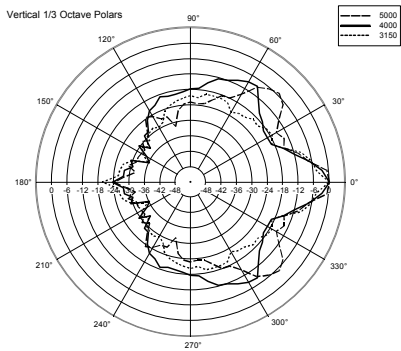
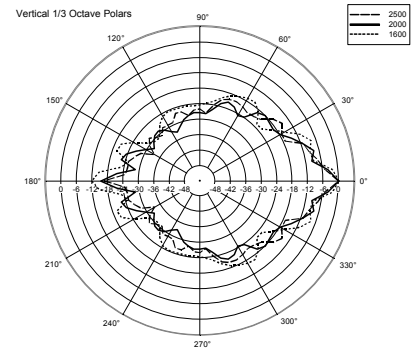
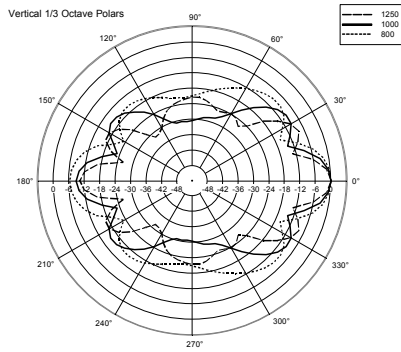
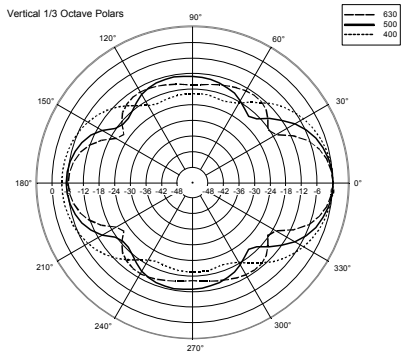
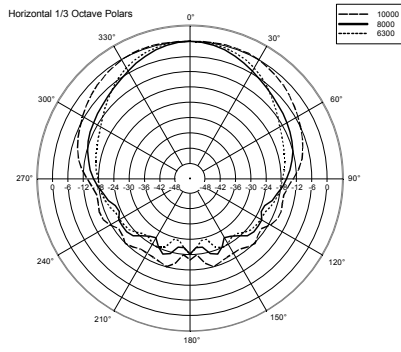
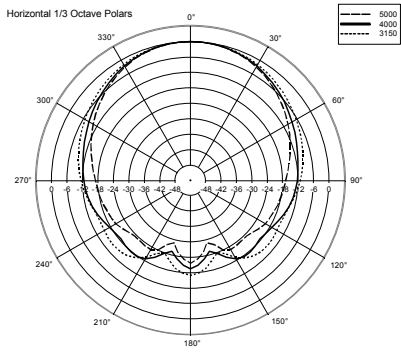
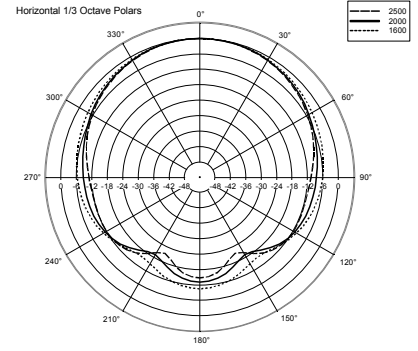
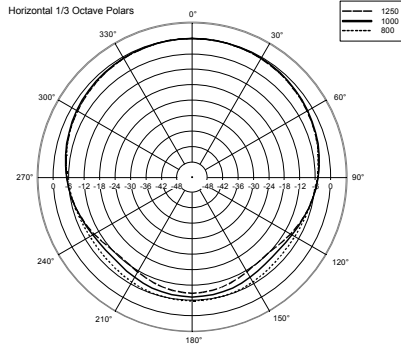
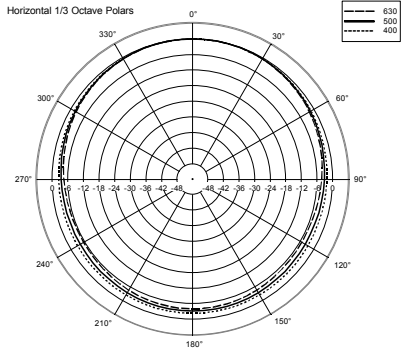
DRAWINGS



SCHEMATICS









ACCESSORIES

A&E SPECIFICATIONS

The product shall be a compact and elegant two-way column speaker for broadcasting background music into commercial spaces, but also alarm messages, thanks to the highly intelligible voice reproduction and the EN 54-24 certification.

It shall be suitable for places of worship, stations, subways or any other environment.

It shall have IP66 protection grade for both indoor and outdoor installations.

It shall feature an aluminium body and front grille.

The terminal connection blocks, for input and output flameproof cables, shall be made of ceramic material. A thermal fuse shall protect the line integrity in case of heat affecting the speaker.

NOTES

NO CAUTION is NECESSARY in case of ALERTED PERSON for AUDIO voltages up to 120V, when warning symbols are present near the connection terminals. In the case of AUDIO voltages up to 71V, it is not even necessary to put warning symbols.

No need of linking to earth metal parts of speakers equipped with transformers and connected to 70.7 V / 100 V outputs of power amplifiers that do not have any reference to earth (ref. EN 62368-1 item 4.3.2.2), unless specific local requirements.