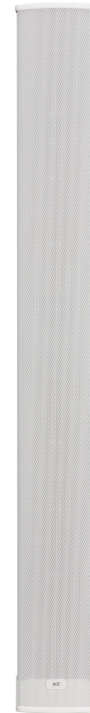


# CS 6940EN

## 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

|                                  |                               |                         |
|----------------------------------|-------------------------------|-------------------------|
| <b>Acoustical specifications</b> | 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                   |
| <b>Power section</b>             | Power Handling:               | 40 W                    |
|                                  | Peak Power Handling:          | 160 W PEAK              |
|                                  | Recommended Amplifier:        | 80 W                    |
|                                  | Protections:                  | Thermal fuse            |
| <b>Transducers</b>               | Dome Tweeter:                 | 0.75"                   |
|                                  | Fullrange:                    | 8 x 3.0"                |
| <b>Input/Output section</b>      | 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              |                         |
| <b>Standard compliance</b>       | IP protection grade:          | IP 66                   |
|                                  | EN54-24 certified:            | Yes                     |
|                                  | CE compliance:                | Yes                     |
|                                  | CPR number:                   | 1488-CPR-0490/W         |
| <b>Physical specifications</b>   | Cabinet/Case Material:        | Aluminium               |
|                                  | Grille:                       | Aluminium               |
|                                  | Color:                        | White - RAL 9003        |
| <b>Size</b>                      | Height:                       | 995 mm / 39.17 inches   |
|                                  | Width:                        | 114 mm / 4.49 inches    |
|                                  | Depth:                        | 96 mm / 3.78 inches     |
|                                  | Weight:                       | 7 kg / 15.43 lbs        |
| <b>Shipping informations</b>     | Package Height:               | 200 mm / 7.87 inches    |
|                                  | Package Width:                | 1090 mm / 42.91 inches  |
|                                  | Package Depth:                | 170 mm / 6.69 inches    |
|                                  | Package Weight:               | 8.4 kg / 18.52 lbs      |



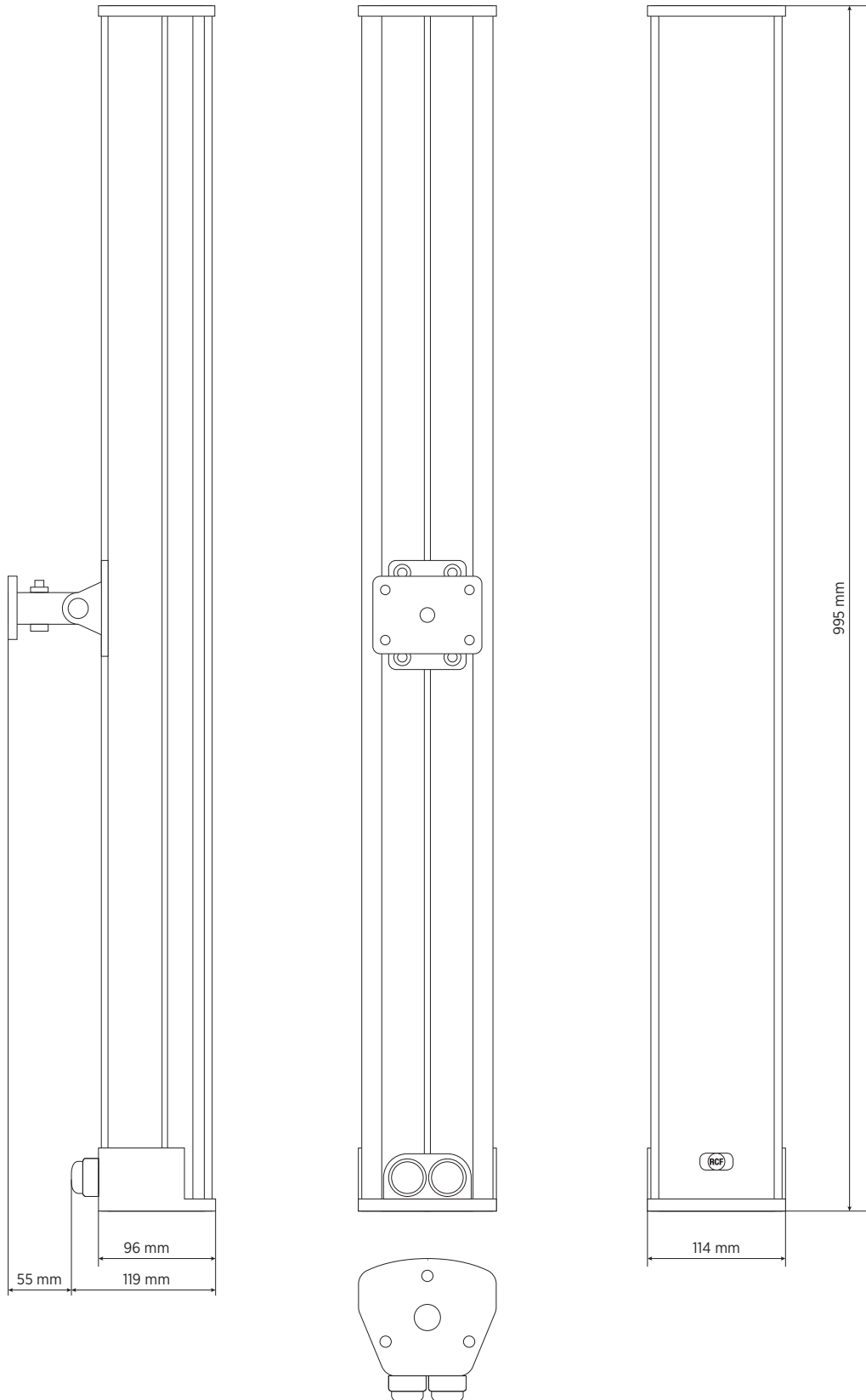
**PART NUMBER**

- **13100005**

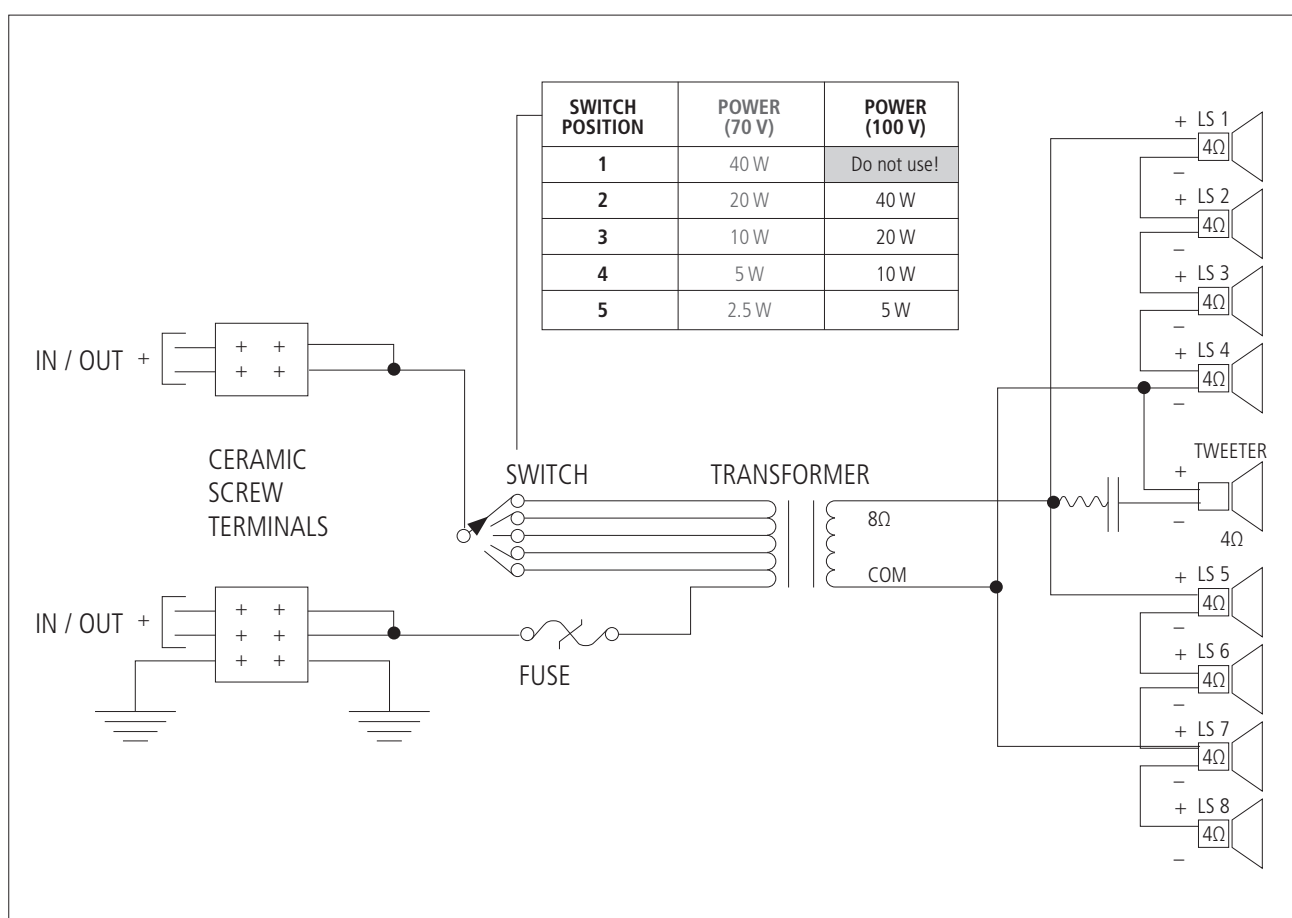
CS 6940EN

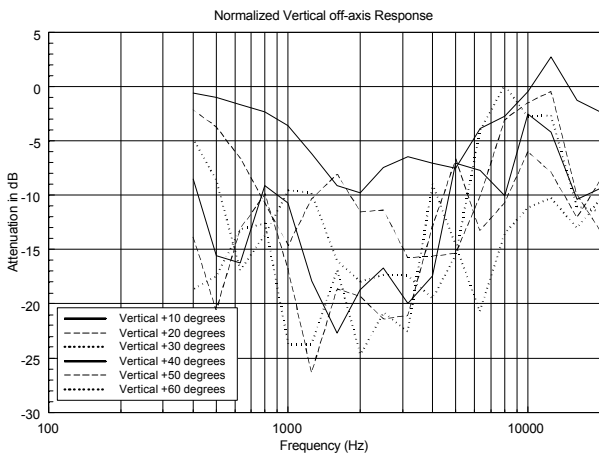
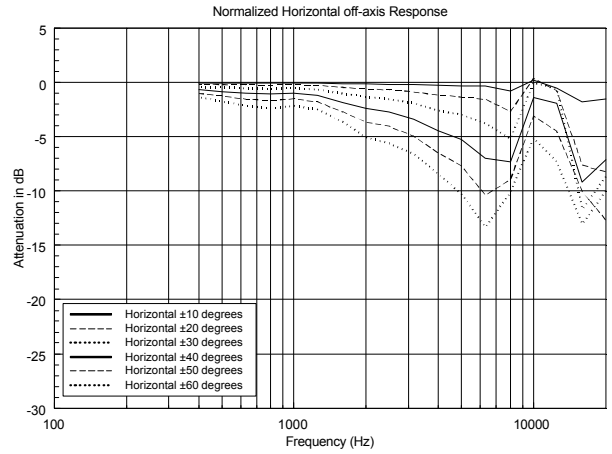
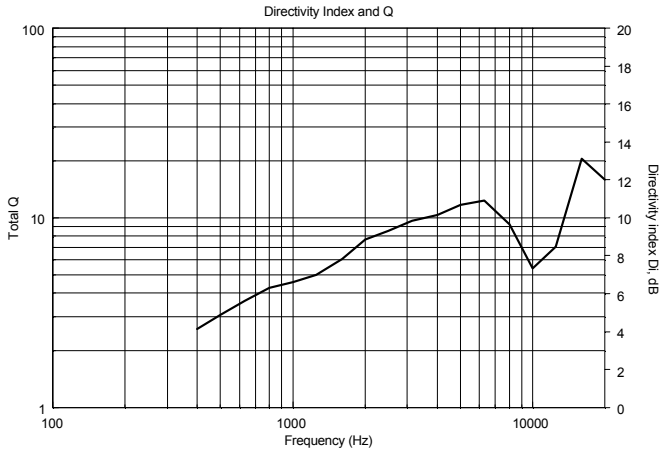
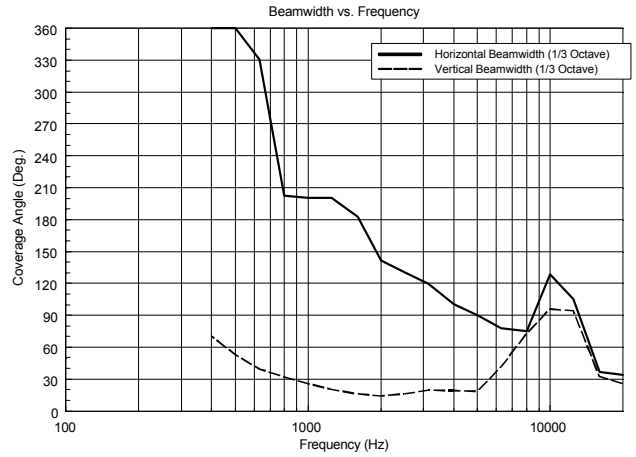
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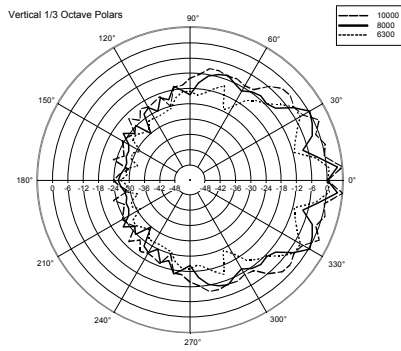
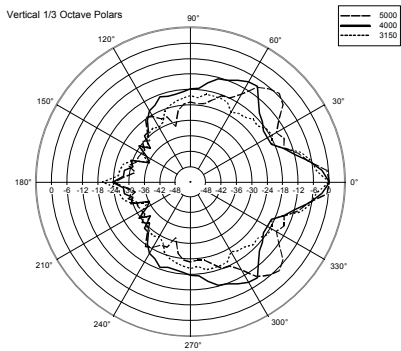
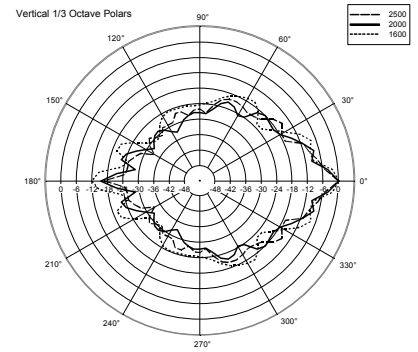
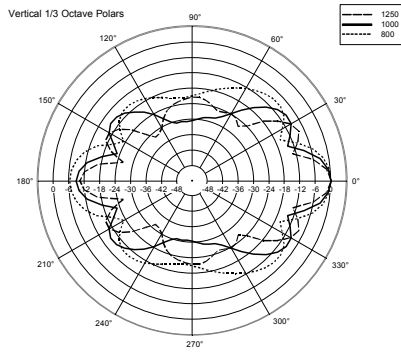
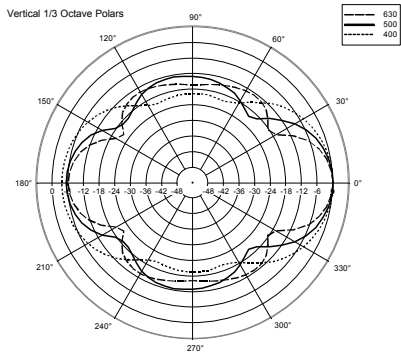
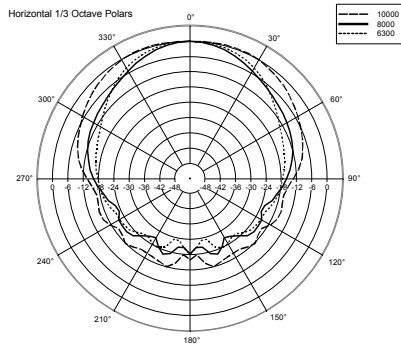
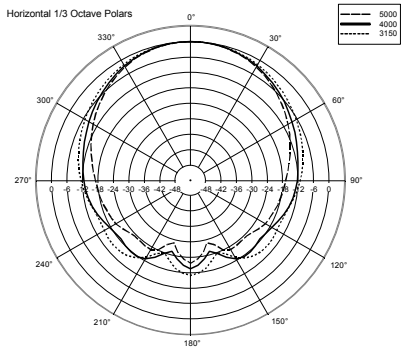
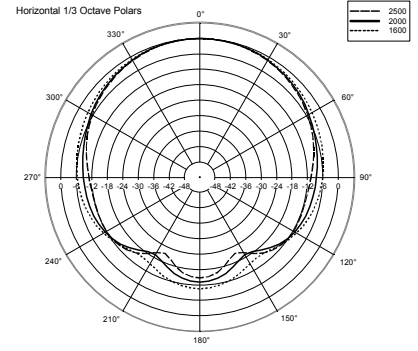
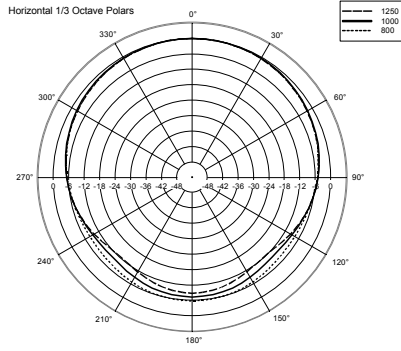
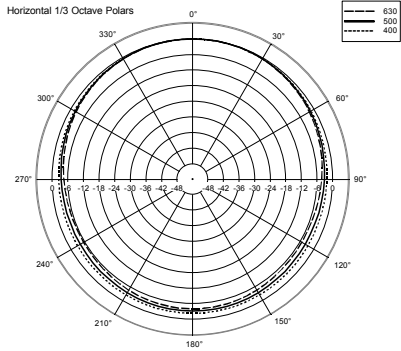
**DRAWINGS**



**SCHEMATICS**







**ACCESSORIES**



CV 225 CABLE SPEAKER 100V SEZ 2X2.5MMQ EV

PART NUMBER

**14380032**

EAN:

8024530012182

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## 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.