



# 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.

**Part Number** 13100005 CS 6940EN

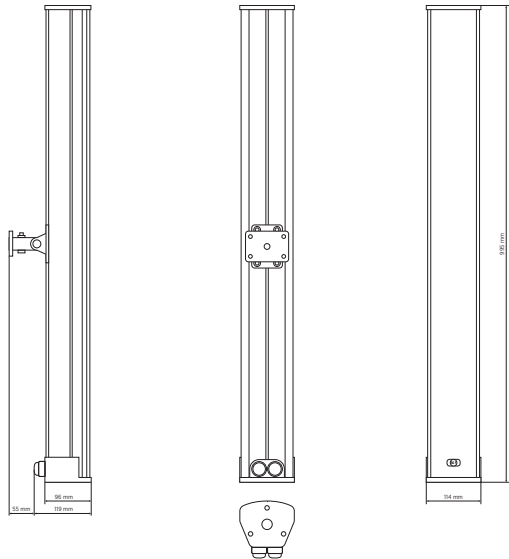
White - RAL 9003 EAN 8024530013684



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Line Art 2D



### 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             | Amplification                | Full Range                   |
|                           | Power Handling               | 40 W                         |
|                           | Peak Power Handling          | 160 W PEAK                   |
|                           | Protections                  | Thermal fuse                 |
|                           | Recommended Amplifiers       | DXT 3000, DXT 4000, DXT 7000 |
| Transducers               | Dome Tweeter                 | 1 x 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             |                              |



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|                                |                       |                       |
|--------------------------------|-----------------------|-----------------------|
| <b>Standard compliance</b>     | IP protection grade   | IP 66                 |
|                                | Safety agency         | CE compliant          |
|                                | EN54-24 certified     | Yes                   |
|                                | CPR number            | 1488-CPR-0490/W       |
| <b>Physical specifications</b> | Cabinet/Case Material | Aluminum              |
|                                | Grille                | Aluminium             |
|                                | Color                 | White - RAL 9003      |
| <b>Size / Weight</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      |