

CS 6520EN

TWO-WAY COLUMN SPEAKER



DESCRIPTION

Two-way speakers with very compact dimensions, the CS 6520 EN features 4 round extended-range speakers and a tweeter. This model utilizes a series of innovative technological solutions that guarantee highly intelligible reproduction of the vocal message. It's complete with line transformer for directly connecting the speaker columns to 70 V or 100 V constant-voltage systems and, thanks to multiple sockets, permit selecting the power to be diffused from among various values. Thanks to IP 66 insulation, the speaker columns can also be used out of doors. Usable in railway stations, subways, churches, factories, warehouses, PA systems in general.

MAIN APPLICATIONS

- Audio visual applications
- Auditorium
- Halls
- Churches
- Cathedrals
- Meeting places

MAIN FEATURES

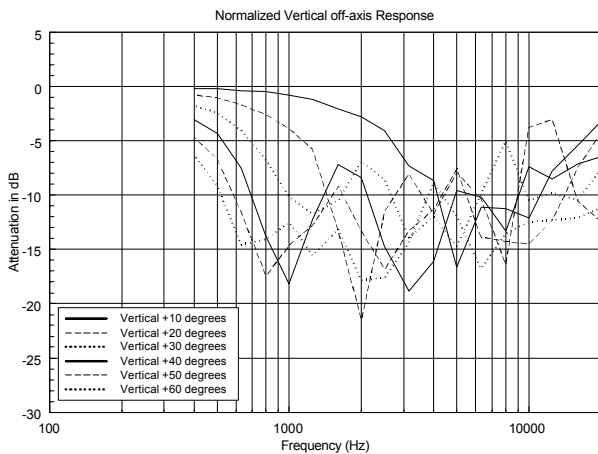
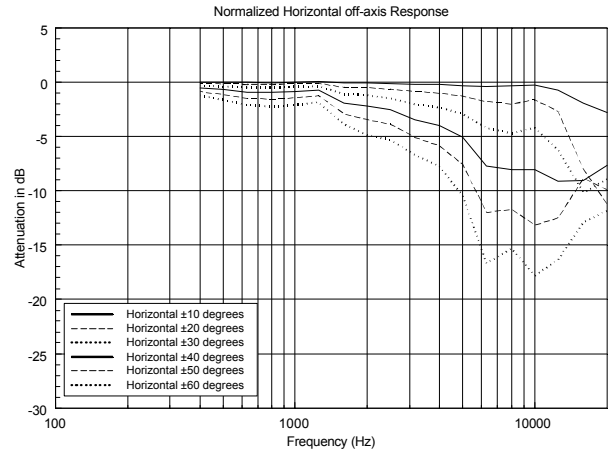
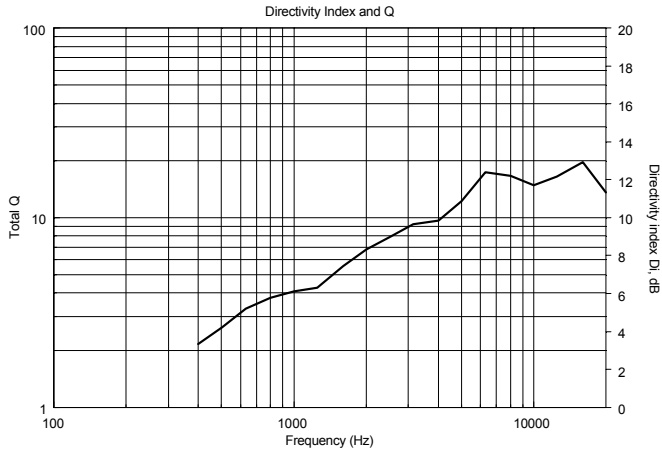
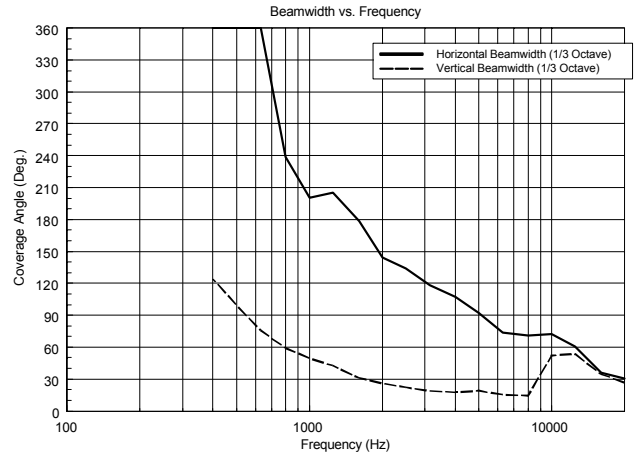
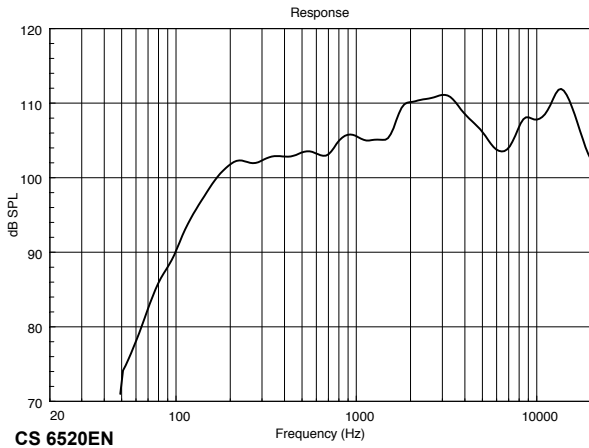
- Ideal for speech reproduction with high intelligibility in acoustically difficult environments, both indoors and outdoors, also suitable for music
- Music power/RMS: 40/20W
- Four 3" mid-woofer speakers and one central 20mm tweeter
- Weather-resistant construction IP 66 for use also outdoors, sturdy hinged support in resin, stainless steel fasteners
- Body in aluminium and front grille in steel bake-painted RAL 9003 White
- Articulated support for wall mounting included
- EN 54-24 certified

SPECIFICATIONS

Loudspeaker	Woofer 4 x 3.15" neodymium magnet, 1 x 0.79" dome
Power (on 8 Ohm load)	20/ 40 W (RMS / Music power)
Power	20 W - 10 W - 5 W - 2.5W (100V)
Sensitivity	92 dB (1 W / 1 m)
Mx. SPL	105 dB(A) (1 m / POWER MAX)
Frequency Response	140 Hz – 20 kHz
Horizontal angle of coverage (-6 dB)	360° (500 Hz), 185° (1 kHz), 134° (2 kHz), 98° (4 kHz)
Connection	ceramic screw terminals
Body colour	signal white, RAL 9003
Main body material	Painted aluminium.
Grill material	Steel
Dimensiones (HxWxD)	580 mm x 114 mm x 96 mm
Installation	Orientable support included
Max wall distance	88 mm
Net weight	4.5 kg
Operating temperature	-25° to +55°
Relative humidity	90% non condensing

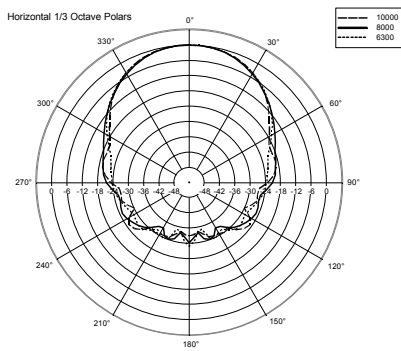
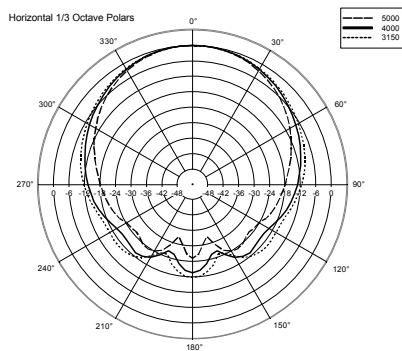
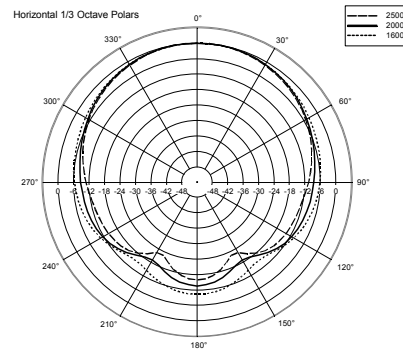
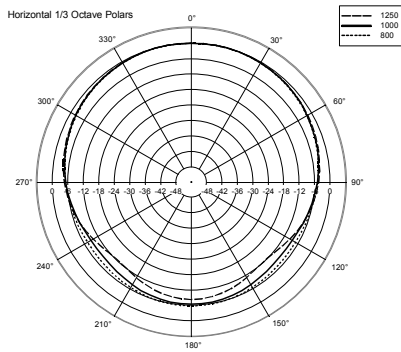
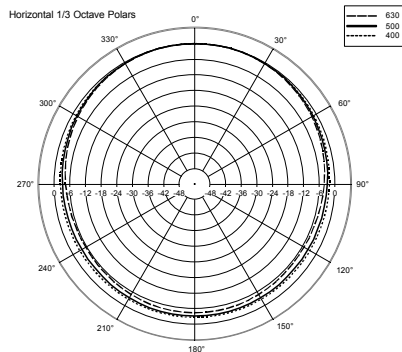


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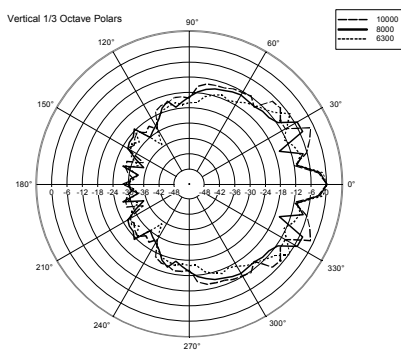
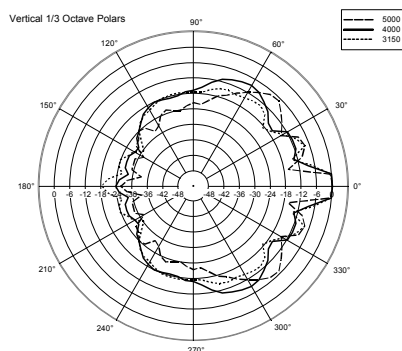
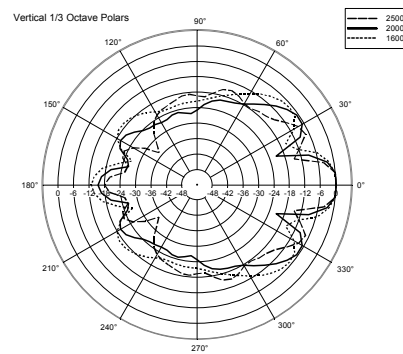
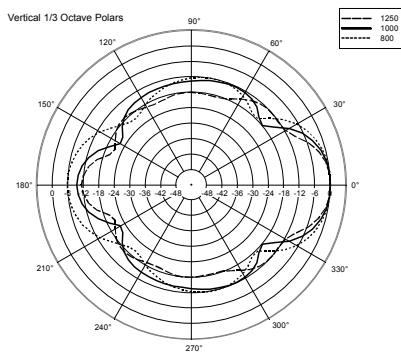
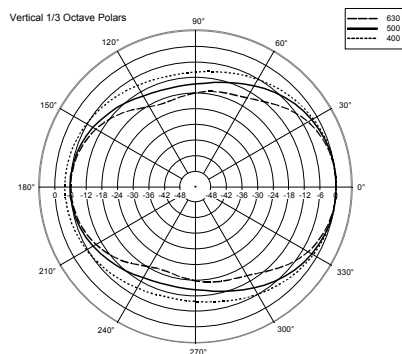


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HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT

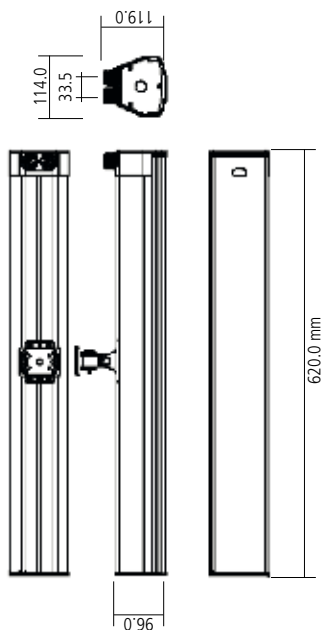


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PART NUMBERS

131.33.079

DIMENSIONS (All data are in mm)



INSTALLATION NOTES

CS 6520EN installation is quick and easy thanks to the included accessory that has been designed to keep the column as close as possible to the wall. The 2 support hinges allow to point the column at the desired direction (fixed by using the special Allen wrench to tighten the 2 nuts). Connections to the loudspeaker line are made by using the six-wire cable (1 meter long) coming out from the loudspeaker rear side. The enclosure has a body made of extruded aluminum and a robust steel grille.

POWER SELECTION

Connections with the audio line are made by using the internal ceramic screw terminal strip (it is necessary to remove the bottom cover by loosening its three screws). The + / - terminals allow to connect both input and output cables (to link other loudspeakers in parallel).

1. Set the power by rotating the switch with a screwdriver.
2. Insert cables through the two rear hexagonal cable glands.
3. Connect the positive wire of the 100 / 70 V line to the loudspeaker + input.
4. Connect the negative wire of the 100 / 70 V line to the loudspeaker - input.
5. If necessary, connect in the same way the output cable to link other loudspeakers in parallel.
6. Connect the earth wire (to the input with the green wire).



CERTIFICATIONS AND APPROVALS

- EN 54-24:2008 compliant