

PUBLIC ADDRESS / SPEAKERS / SOUND COLUMNS

FCS-10101D

DIGITAL STEERABLE SOUND COLUMN



- ✓ For speech and background music applications in rooms with high reverberation
- ✓ Configurable directivity pattern
- ✓ Digital Signal Processing (DSP)
- ✓ High performance multi-channel Class D amplifier
- ✓ Includes support brackets

ESPECIALLY RECOMMENDED IN:



All sectors

DESCRIPTION

Column speaker with configurable beam steering designed to concentrate the sound in the listening area and improving speech intelligibility in voice and background music applications, in premises with high reverberation. The configurable beam steering pattern allows adjustment of the sound beam tilt, the vertical dispersion angle by adjusting the sound focal point, and parametric equalisation. The audio signal is digitally processed by the DSP and then passed to the high performance Class D multichannel amplifier. Great sound quality and high S/N ratio. Suitable for PA installations, professional sound or PA voice alarm systems.

TECHNICAL CHARACTERISTICS

FEATURES	<p>Column speaker with configurable beam steering pattern.</p> <p>Class D 10-channel amplifier.</p> <p>Digital signal processor (DSP).</p> <p>Input for connecting to PA system.</p> <p>Configuration using remote control FCS-RCOI.</p> <p>Protected against accidental programming.</p> <p>Uniform dispersion in the whole listening area.</p>
AMPLIFIER	10 x 10 W RMS
LOUDSPEAKERS	10 of 4"
INPUTS	<p>1 unbalanced line, XLR 300 mV, 500 mV and 1 V</p> <p>1 x 100 V line, screw terminals or banana plugs</p>
OUTPUTS	1 unbalanced line, XLR 300 mV
FUNCTIONS	<p>Sound beam tilt: ($\pm 45^\circ$) Adjustable vertical dispersion angle: by focal point distance (5 to 99% maximum distance, 20 m)</p> <p>Bass and treble tone control</p> <p>14-band parametric equalization</p> <p>Sensitivity adjustment (0 dB, -6 dB and -10 dB)</p> <p>Mute</p>
RESPONSE	80-18,000 Hz
DISPERSION	<p>Horizontal: 120°</p> <p>Vertical: 50° ($\pm 45^\circ$)</p>
SOUND PRESSURE	90 dB ± 3 dB at 30 m
POWER SUPPLY	230 V AC, 120 W

COLOUR	White (RAL 9003)
DIMENSIONS	146 x 1,365 x 133 mm depth
WEIGHT	15.6 kg
ACCESSORIES	Fixing mounts
OPTIONAL	FCS-RC01: remote control with display for programming