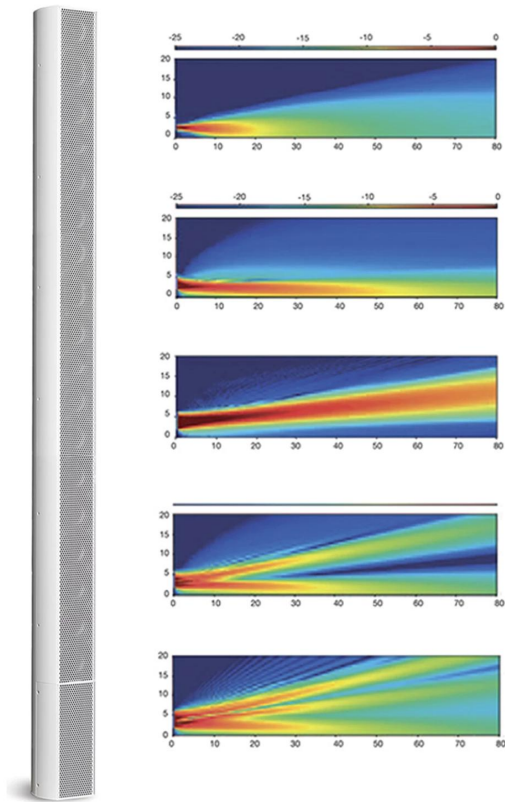


PUBLIC ADDRESS / LOUDSPEAKERS / SOUND COLUMNS

FCS-1800D

DIGITAL STEERABLE SOUND COLUMN



- ✓ Excellent sound quality
- ✓ Software configurable directivity pattern
- ✓ Digital Signal Processing (DSP)
- ✓ 2 x 6 channel Class D amplifiers

ESPECIALLY RECOMMENDED IN:



All sectors



+ Info:
<https://fonestar.com/FCS-1800D>

DESCRIPTION

Column speaker designed for voice applications and background music in areas with high reverberation. Configurable beam steering pattern using software, sound focal point selection, dispersion angle, tilt and shape of the sound beam. Up to 3 sound beams.

High power Class D multichannel integrated amplifier with quality audio and high S/N ratio. Digital signal processor (DSP). Remote control through the local area network (LAN).

Suitable for PA installations, professional audio or PA voice alarm systems.

TECHNICAL CHARACTERISTICS

FEATURES	<p>Column speaker with configurable beam steering pattern.</p> <p>Class D multichannel amplifier.</p> <p>32-bit digital signal processor (DSP).</p> <p>Configurable beam steering pattern using software.</p> <p>Emergency power supply source connection.</p> <p>Remote control through the local area network (LAN) using software.</p>
AMPLIFIER	<p>3 class D 6-channel amplifiers</p> <p>18 x 70 W RMS</p>
LOUDSPEAKERS	<p>18 x 4 1/4" double aluminum cone, humidity resistant</p>
INPUTS	<p>2 balanced lines, XLR 600 Ohm 775 mV</p> <p>1 ethernet, RJ 45</p> <p>1 control RS-485, Sub-D</p>
OUTPUTS	<p>1 balanced line, XLR 600 Ohm 775 mV</p> <p>2 contact opening for failure indication</p>
FUNCTIONS	<p>Adjustable beam steering: acoustic centre, aperture angle (5° to 25°), inclination (- 25° to 25°), shape (symmetrical/asymmetrical), up to 3 sound beams</p> <p>7-band parametric equalization</p> <p>Noise gate</p> <p>Delay of up to 1,000 ms</p> <p>Peak limiter with adjustable level</p> <p>Mute</p> <p>Amplifier supervision, input signal and emergency power supply source</p> <p>LED indicator for cut off, limiter and noise gate</p>
RESPONSE	<p>90-18,000 Hz</p>



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S/N RATIO	> 110 dB
DISPERSION	Vertical: from 5° to 25°, adjustable through programming Horizontal: 145°
SPL MAXIMUM	93 dB ±1 dB
SOUND PRESSURE	90 dB ±3 dB at 48 m
POWER SUPPLY	115–240 V AC 277 W, 16–27 V DC 11 A
DIMENSIONS	17.7 x 237 x 18 cm depth
WEIGHT	38 kg
COLOUR	White (RAL 9016)
ACCESSORIES	Fixing mounts



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