Description

The S-1296 is a two-way, ruggedly built full-range loudspeaker system, suitable for both portable use and fixed installations.

Compact, but extremely powerful, the S-1296 handles applications ranging from clubs and AV presentations, to rock and roll performances.

Its multi-angle design allows it to function equally well as a Stage Monitor or a Front of House system. As a stage monitor, the performer has a choice of 90º, 125º and 145º angles of inclination from the stage floor. When used as a FOH system, the enclosure may be flown from its M10 threaded rigging points, supported on a stand, or ground supported.

Utilizing advanced technologies normally found only in high priced touring systems, the S-1296 provides extended high frequency response, low distortion output, and precise pattern control.

Featuring carefully designed crossovers that provide flat acoustic power response throughout the critical midrange region, and Community's exclusive DYNA-TECH™ dynamic driver protection circuitry, the S-1296 is a versatile performer well suited for use by professional audio rental companies, touring musicians, and others requiring high quality sound reinforcement at an affordable price.

Applications

- Stage Monitoring
- Nightclubs
- Theatres
- Sound Stages
- AV Presentation

Features

- DYNA-TECH™ Dynamic Protection
- Switchable Bi-amp / Single-amp Operation
- Switchable Music / Speech Voicing
- Ferrofluid Treated HF Driver for Improved Heat Transfer
- Non-Resonant, Non-Metallic HF Diaphragm for Reduced Distortion
- Carbon Ring Cone Technology Provides 30% More Piston Area with Increased Excursion Capability
- Dual NL4 and Dual 1/4” Input / Output Connectors

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SYSTEM

- Format: Two-way full-range, vented bass - switchable passive or bi-amp x-over
- Operating Range: 60 Hz - 20 kHz
- Frequency Response: 100 Hz - 16 kHz (±4 dB)
- Dispersion (-6 dB): 90º H x 60º V (in vertical position)
- Maximum SPL @1m: 122 dB continuous / 129 dB peak
- Crossover Frequency: 1.5 kHz
- Sensitivity in SPL: 99 dB (100 Hz - 10 kHz, 1/3 octave) 99 dB (250 Hz - 4 kHz, speech range)
- Max Power Handling: 200W RMS (passive mode) 500W Program / 990W Peak
- Impedance (passive): Nominal 8Ω / Min. 4Ω at 10.6 kHz

TRANSUDERS

- Low Frequency: 12” (304mm) 200W RMS 500W Program, 8Ω
- High Frequency: 1” (25.4mm) 50W RMS 125W Program, 4Ω

MECHANICAL

- Enclosure: Multi-angle (90º, 125º, and 145º) 11-ply cross-laminated birch
- Finish: Black catalyzed polyester paint
- Rigging Provisions: Eight M10 threaded rigging fittings1 (three on top, three on bottom, two on rear)
- Grille: Steel, powder coated black
- Dimensions: 23.9” (607mm) x 14.9” (378mm) x 13.4” (340mm)
- Net Weight: 36 lbs / 16.3 kg

Due to ongoing development, specifications are subject to change without notice.

1 100 lbs / 45.4kg per point in straight line, 10:1 safety factor
Accessories

Padded Transport Covers
Protect your S-Series loudspeakers from scratches and mars.
Model CVR-S12

Vertical Fly Kit
One kit lets you fly two S-Series enclosures in a splayed array; two kits let you fly three enclosures, and so on. Model VFKIT

Seat Track Rigging Kit
The quick-release fittings get your S-Series enclosures up in the air and back down again, quickly and safely.
Model STKIT

Eyebolt Kit
Suspend your S-Series loudspeakers safely and easily.
Model M10EYBLTKIT

Support Stand
Elevates a full-range S-Series loudspeaker using the subwoofer as the base.
Model SB5

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FREQUENCY RESPONSE

Note: Response may be altered by use of Presence Switch. The solid black line depicts the MUSIC position; the dotted red line depicts the SPEECH position.

BEAMWIDTH

Note: Indicates Horizontal and Vertical Directivity Index in Degrees vs. Frequency.

Recommended Power: 300 to 625 WRMS\(^1\) at 8Ω
Recommended High-Pass Filter: 60 Hz, 24 dB/octave

\(^1\)WRMS = Watts Root Mean Square