

The F8 is mid-high compact two-way loudspeaker enclosure incorporating cross over network and electronic, auto-resettable, driver protection. The use of this dedicated cross-over ensures an exact match between woofer and driver for optimum acoustic output. It is designed for use in mobile speech and music sound reinforcement applications as well as in a wide variety of fixed installations. The loudspeaker consists of a front loaded 8" low-mid frequency driver and a 1" high frequency compression driver on an elliptical 90°H x 70°V waveguide horn. The rear panel carries two Speakon connectors for easy and professional wiring and paralleling of more speaker boxes. The cabinet includes a pole mount socket for use with 35mm poles and speaker stands. M8 rigging points are provided on the top, bottom and sides for use with M8 special XXL flying kit. The cabinet is constructed from 16mm birch plywood, screwed and glued together for maximum strength and rigidity, and includes unique steel mesh grille. It is finished in durable black semi-matt textured paint.

Features

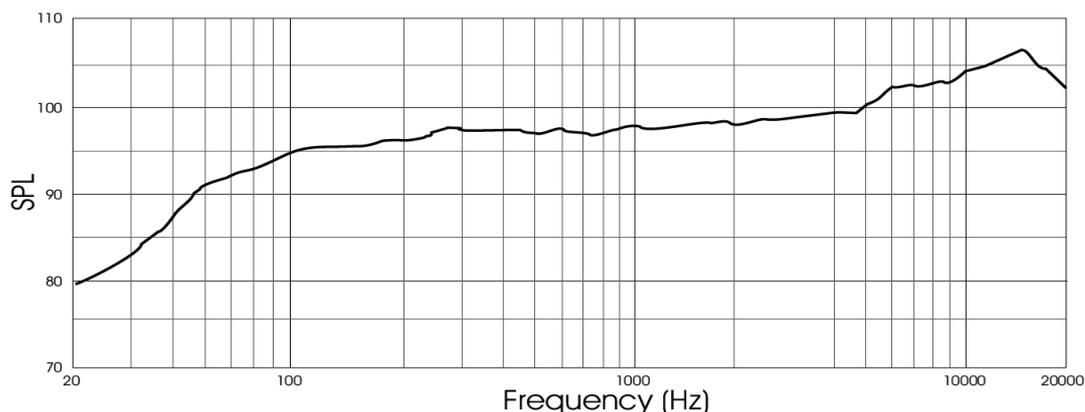
- Birch Plywood Box
- Two Way
- 8" Mid-Woofers
- 1" Compression Driver Horn

Applications

- Medium and Large PA
- Open Spaces
- Audio Visual
- Fixed Installation

Specifications

- 400 Watts RMS MAX Power
- 96 dB 1W/1mt
- 80Hz - 18KHz +/- 4 dB
- 2 x Speakon Connectors
- 42.5x23x31.5 cm 11Kg
- 90°hx70°v Dispersion

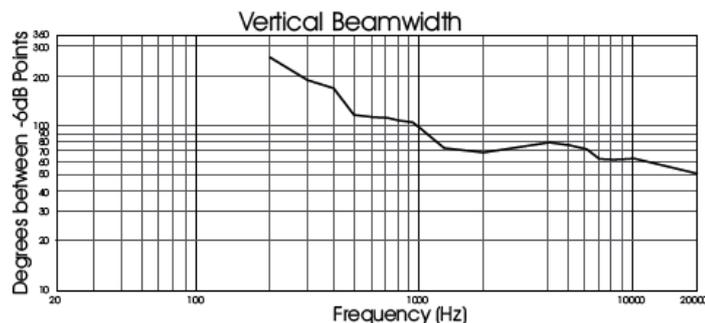
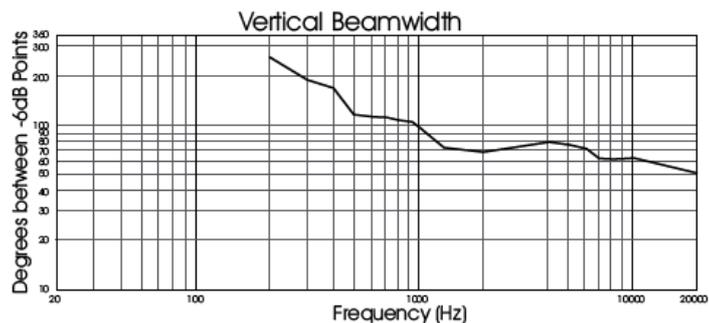




F8

pro audio tools

Two Way 8" High-Performances Speakers



Specifications

Acoustic

Power Handling	300 watt RMS (1)
Max Power	400 watt RMS (2)
Impedance	8 ohm
Operating Frequency Range	80 Hz - 20 KHz (3)
Frequency Range	120Hz-18 KHz +/- -4 dB (4)
SPL 1W/1mt	98 dB (5)
Maximum SPL	128 dB (6)

Coverage

Horizontal	90° (averaged on nominal bandwidth)
Vertical	70° (averaged on nominal bandwidth)

Cross Over

Type	Passive 12 dB/oct with Driver Protection
Frequency	3 KHz (7)

Transducers

Low Frequency	8" Mid-Woofer whit 2.5" Voice Coil
High Frequency	1" Compression Driver

Connection

wiring	SPEAKON in +parallel out 1- and 2- negative, 1+ and 2+ positive
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Amplifier

Recommended	200 to 400 Watt RMS on 8 ohm
Long term max power	300 Watt RMS on 8 ohm (8)

1. Power handling is measured following AES standard conditions:
Transducers driven continuously for two hours with a band-limited noise signal with 6 dB crest factor.
2. Max power is the maximum applicable power for a musical signal. The reference signal is proposed by EIAJ standard.
3. Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.
4. Free field measured with 1/3 octave frequency resolution at 2 meters.
5. Measured at 4 meters and scaled to 1 meter.
6. Measured with audio source at 1 meter.
7. In which the transducers produce the same sound pressure level (measured@2 meters).
8. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance.

Attention:
external electronic cross over is needed for low cut / high pass frequencies
suggested 150Hz at least 100Hz within 24db/oct

New materials and design are introduced into existing products without previous notice.
Present systems may differ in some respects from those presented in this brochure.