
FR01-V2

Full Range Loudspeaker Cabinet



FR01-V2

acoustic technologies

The Acoustic Technologies FR01-V2 is an extremely compact, trapezoidal shaped loudspeaker cabinet, loaded with a highly efficient 12" bass-mid transducer and a proprietary 1" high frequency compression driver coupled to a high density horn flare. Two different horn flares are available, providing dispersion patterns of 100°(H) x 40°(V) for single box applications or 50°(H) x 40°(V) for multi-cabinet arrays. The optimised passive crossover network is an integral component of this superb loudspeaker design.

The FR01-V2 offers superb full range audio reproduction, totally uncompromised by the compact cabinet dimensions. The smooth extended frequency response ensures excellent vocal reproduction, free from any colouration or distortion.

The FR01-V2 is equally at home as a stand alone system or as a component in larger flown array applications. The addition of sub-bass cabinets provides the ultimate compact, high power, high performance sound reinforcement system. The FR01-V2 is the obvious answer to any serious sound engineer's requirements.

The FR01-V2 is available with many finish and hardware options making

FR01 V2 EXCELLENCE IN AUDIO

FR01 V2 Speaker System

FEATURES

- 800 Watt Power Handling
- Accurate Full Range Reproduction
- High Efficiency
- Flyable and Arrayable
- 3 Year Warranty

FR01-V2

SPECIFICATIONS

Transducer Complement		1 x 12" Bass-Mid Transducer 1 x 1" HF Compression Driver
Frequency Response		60 Hz - 19 kHz \pm 3 dB
Sensitivity		97 dB @ 1 watt, 1 metre
Maximum Input	Continuous Program	400 Watts RMS 800 Watts Program
Maximum SPL (Calculated)	Continuous Program	123 dB @ 1 metre 126 dB @ 1 metre
High Frequency Dispersion	50° Flare 100° Flare	50°H x 40°V 100°H x 40°V
Nominal Impedance		8 Ohms
Physical Size		Height 582mm, Depth 425mm, Front Width 388mm, Back Width 242mm
Nett Weight		32 Kg (Varies slightly with options)
Connectors		2 x Speakon Connectors
Crossover Switching		Optional switching to allow Passive or Active Crossover operation
Hardware and Flying Options		Handgrips. Speaker Stand Mount. Fixed Installation Attachment Points. Fly Track Rigging System.
Cabinet Finish Options		Textured Black Paint Finish. AcoustiCoate Black Elastomer Finish. A wide range of decor matched and custom finishes are available.
Grille Finish Options		Black Powder Coat Paint Finish. Chrome Plated. Weather Resistant Treatment. Colour matched for decor cabinets.

The FR01 enclosure is constructed of high quality 18mm Finnish Birch Ply.

A wide range of hardware, grille and cabinet finishing options are available.

The transducers are protected by a rugged expanded steel grille.
Acoustically transparent PVC foam is bonded to the mesh
providing a durable, visually appealing finish.

The FR01 passive crossover provides a seamless transition between the transducers.
The crossover frequency is selected to enhance the already superb performance of the
individual components. Great care is taken to ensure that a phase coherent output is
maintained across the entire audio bandwidth.

Sensitivity, Maximum Power and SPL measurements are conducted in accordance with the
AES 24 Hour Pink Noise Standard.
Acoustic Technologies reserve the right to alter or amend the FR01-V2, without prior warning
in the interests of product improvement.

APPLICATIONS

- **Live Music Presentations**
- **Dance Club Room Fill**
- **Stage Monitoring**
- **Musical Instrument Amplification**
- **Solo & Duo Artists**
- **Karaoke Audio Systems**
- **Church Vocal and Music Reproduction**
- **Corporate Presentations**
- **Gymnasiums**
- **Theatre & Cinema Surround Sound**



Acoustic Technologies

8-10 Staple Street
Seventeen Mile Rocks
Brisbane, Qld 4073
Australia

Phone (07) 3376-4122
Fax (07) 3376-5793

International

Phone 617 3376-4122
Fax 617 3376-5793

Email & Internet

info@atprofessional.com.au
www.atprofessional.com.au