
FR17

Full Range Loudspeaker Cabinet



acoustic technologies

The Acoustic Technologies FR17 is a high output 2-way full range speaker system designed for a variety of live sound applications. Taking full advantage of recent advances in loudspeaker technology, the FR17 offers unprecedented audio quality from a speaker in its class.

The FR17 is loaded with two highly efficient 15" low frequency cone transducers and a large format 1.4" exit compression driver coupled to a 70 x 50 elliptical horn flare providing a 1350 Watts Program Power rating.

The complex passive dividing network has been engineered to optimise overall system performance resulting in a loudspeaker system that delivers sound with astounding punch and accuracy from a surprisingly compact enclosure.

The FR17 cabinet is precision crafted from premium grade void free Finnish Birch ply finished in our durable AcoustiCoate elastomer coating. The system components are protected by a visually appealing black powder coated steel grille. A pair of convenient handgrips and castors complete the FR17 package.

The FR17 is an ideal loudspeaker system for Dance Clubs, Live Music Venues, Drum Keyboard and Stage Fill, Corporate Installations, Houses of Worship or indeed any situation where portability is an important consideration.

FR17 EXCELLENCE IN AUDIO



FR17 Speaker System

FEATURES

- **1350 Watt Power Handling**
- **Accurate Full Range Reproduction**
- **High Efficiency**
- **3 Year Warranty**

FR17

SPECIFICATIONS

Transducer Complement		2 x 15" Bass-Mid Transducer 1 x 2" H.F. Compression Driver
Frequency Response		60 Hz - 16 kHz \pm 3 dB
Sensitivity		95 dB @ 1 watt, 1 metre
Maximum Input	Continuous Program	700 Watts RMS 1350 Watts Program
Maximum SPL (Calculated)	Continuous Program	123 dB @ 1 metre 126 dB @ 1 metre
High Frequency Dispersion		70°Horizontal x 50°Vertical
Nominal Impedance		4 Ohms
Physical Size		Height 1240mm, Depth 550mm, Width 430mm
Nett Weight		71 Kg
Connectors		2 x Speakon Connectors
Hardware		2 x Handgrips. 2 x Castors.
Cabinet Finish		AcoustiCoate Black Elastomer Finish.
Grille Finish Options		Black Powder Coat Paint Finish.

The FR17 enclosure is constructed of high quality void free 18mm Finnish Birch Ply.

The transducers are protected by a rugged perforated steel grille providing a durable, visually appealing finish.

The FR17 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 FR17, without prior warning in the interests of product improvement.

APPLICATIONS

- **Live Music Presentations**
- **Musical Instrument Amplification**
- **Solo & Duo Artists**
- **Karaoke Audio Systems**
- **Gymnasiums**
- **Theatre & Cinema Surround Sound**
- **Drum and Keyboard Stage Monitors**



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