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# FR11

**Full Range  
Loudspeaker Cabinet**

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## acoustic technologies

The Acoustic Technologies FR11 is a premium loudspeaker system designed with the same technology and performance qualities as our award winning FR01. The only difference being a lower power handling specification coupled to a mid price point.

The FR11 features the latest in all new technology componentry. The low frequencies are reproduced by a new generation 12", 400 Watt Program Bass/Mid Transducer. High frequencies are transparently delivered by a 1" exit, 100 Watt Program Neodymium Compression Driver coupled to a high density Horn Flare.

The loudspeaker system components are housed in our Finnish Birch ply enclosure with a black AcoustiCoate elastomer finish. A rugged black powder coated steel Grille, Pole Mount Fitting and Top and Back Fly Points complete the package.

The FR11 loudspeaker system is the choice for all professional applications requiring Acoustic Technologies' outstanding performance at a price point that's sure to meet all budgetary requirements.

**FR11** EXCELLENCE IN AUDIO



### FR11 Speaker System

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#### FEATURES

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

# FR11

## SPECIFICATIONS

<b>Transducer Complement</b>		1 x 12" Bass-Mid Transducer 1 x 1" H.F. Compression Driver
<b>Frequency Response</b>		80 Hz - 21 kHz $\pm$ 3 dB
<b>Sensitivity</b>		98 dB @ 1 watt, 1 metre
<b>Maximum Input</b>	<b>Continuous Program</b>	250 Watts RMS 500 Watts Program
<b>Maximum SPL</b> (Calculated)	<b>Continuous Program</b>	121 dB @ 1 metre 124 dB @ 1 metre
<b>High Frequency Dispersion</b>		100°Horizontal x 50°Vertical
<b>Nominal Impedance</b>		8 Ohms
<b>Physical Size</b>		Height 590mm, Depth 385mm, Front Width 368mm, Back Width 265mm
<b>Nett Weight</b>		21 Kg
<b>Connectors</b>		2 x Speakon Connectors
<b>Hardware</b>		Handgrips. Speaker Stand Mount. Fixed Fly Points.
<b>Cabinet Finish</b>		AcoustiCoate Black Elastomer Finish.
<b>Grille Finish Options</b>		Black Powder Coat Paint Finish.

The FR11 enclosure is constructed of high quality 18mm Finnish Birch Ply.

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

The FR11 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 FR11, 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**



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