

# SS12

## Compact Full Range Loudspeaker Cabinet



## acoustic technologies

The Acoustic Technologies SS12 is an ultra compact trapezoidal shaped cabinet constructed of premium Finnish Birch plywood and finished in extremely durable AcoustiCoate black elastomer with a black powder coated grille.

The SS12 is purpose built for the corporate Audio-Visual production market. The cabinet provides industry standard fly track on the cabinet top and rear so that it can be hung vertically at any required angle. A heavy duty steel speaker stand mount is located in the base of the cabinet. Three M10 Flying Points are located on the cabinet's side allowing horizontal installation.

The SS12 is loaded with two of our proprietary 6.5" Bass/Mid Transducers and is coupled via an advanced design crossover network to a 1" H.F. Compression Driver and 90° x 60° Horn Flare. The Horn Flare can be rotated through 90° allowing the cabinet to be mounted for either vertical or horizontal applications and still maintain the required H.F. dispersion characteristics.

The SS12 is fitted with 2x Speakon Connectors and is available in 4, 8 or 16 Ohm cabinet impedance.

**SS12 EXCELLENCE IN AUDIO**

### SS12 Speaker System

#### FEATURES

- **250 Watts Power Handling**
- **Accurate Full Range Audio Reproduction**
- **Ultra Compact and Extremely Versatile**
- **FlyTrack Rigging and Pole Mount**

# SS12

## SPECIFICATIONS

<b>Transducer Complement</b>	2 x 6.5" Bass-Mid Transducer 1 x 1" H.F. Compression Driver		
<b>Frequency Response</b>	70 Hz - 19 kHz $\pm$ 3 dB		
<b>Sensitivity</b>	92 dB @ 1 watt, 1 metre		
<b>Maximum Input</b>	<b>Continuous Program</b>	125 Watts RMS 250 Watts Program	
<b>Maximum SPL</b> (Calculated)	<b>Continuous Program</b>	113 dB @ 1 metre 116 dB @ 1 metre	
<b>Nominal Impedance</b>	4, 8, or 16 Ohms		
<b>H.F. Dispersion</b>	<b>Horizontal Vertical</b>	90° 60°	Flare can be rotated through 90° for horizontal mounting
<b>Physical Size</b>	Height 583mm, Depth 248mm, Front Width 198mm, Back Width 131mm		
<b>Net Weight</b>	14 Kg		
<b>Connectors</b>	2x Speakon Connectors.		
<b>Hardware</b>	Fly Track Rigging System Speaker Stand Mount. 3x Rigging Points for Horizontal Mounting		
<b>Cabinet Finish</b>	AcoustiCoate Black Elastomer Finish.		
<b>Grille Finish</b>	Black Powder Coat Paint Finish.		

## APPLICATIONS

- **Audio - Visual Presentations and Installations**
- **Theme Parks**
- **Sporting Events**
- **Product Promotions**
- **Political Campaigns**
- **Church Vocal and Music Reinforcement**
- **Corporate Productions**
- **Dance Club Surround Sound Systems**

The SS12 enclosure is constructed of high quality 12mm Finnish Birch Ply.

The transducers are protected by a perforated steel mesh, lined with acoustically transparent foam, providing a durable visually appealing finish.

The SS12 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 SS12, without prior warning in the interests of product improvement.



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