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# SS24

## Professional Full Range Loudspeaker System

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## acoustic technologies

Acoustic Technologies commitment to engineering superior loudspeaker products for the audio professional is evident in the new SS Series of loudspeaker systems.

Designed for high end touring and production, the SS24 employs an extremely efficient 12" neodymium low frequency transducer and an advanced 2" exit neodymium H.F. compression driver coupled to a H.F. waveguide developed specifically for this cabinet.

The SS24 input switching allows either 2 way active or fully passive operation. The optimised internal crossover network provides a seamless transition between the system transducers.

Crafted from the finest 18mm void free Finnish birch ply, the SS24 is built to withstand all the rigours of touring. The enclosure is finished in black AcoustiCoate with a powder coated steel grille, providing durable visually appealing finish. The SS24 features a versatile fly track rigging system and a pole mount adapter

The end result is a truly professional loudspeaker system offering extremely high output with a smooth extended frequency response eminently suitable for all music and vocal reproduction.

**SS24** EXCELLENCE IN AUDIO

**SS24**

### **SS24 Speaker System**

#### **FEATURES**

- **1060 Watt Power Handling**
- **Flat Accurate Reproduction**
- **Fly Track Rigging and Pole Mount**
- **3 Year Warranty**

# SS24

## SPECIFICATIONS

<b>Transducer Complement</b>	1 x 12" Bass Transducer. 1 x 2" exit H.F. Compression Driver.
<b>Frequency Response</b>	90 Hz - 18 kHz $\pm$ 3 dB 60 Hz - 22 kHz - 10 dB
<b>High Frequency Dispersion</b>	70°(H) x 40°(V) or 100°(H) x 40°(V)
<b>Physical Size</b>	Height 560mm, Depth 380mm, Front Width 335mm, Back Width 235mm,
<b>Nett Shipping Weight</b>	25 Kgs
<b>Connectors and Mode Switch</b>	2 x Speakons Connectors. Active / Passive Mode Changeover Switch.
<b>Hardware</b>	2 x Handgrips. Fly Track Rigging System. Pole Mount Fitting.
<b>Cabinet Finish</b>	AcoustiCoate Black Elastomer Finish.
<b>Grille Finish</b>	Black Powder Coat Paint Finish.

## PASSIVE MODE SPECIFICATIONS

<b>Sensitivity</b>	100 dB @ 1 watt, 1 metre
<b>Maximum Input</b>	530 Watts RMS 1060 Watts Program
<b>Maximum SPL</b> (Calculated)	127 dB @ 1 metre 130 dB @ 1 metre
<b>Nominal Impedance</b>	8 Ohms

## ACTIVE MODE SPECIFICATIONS

<b>Sensitivity</b>	<b>Bass</b>	101 dB @ 1 watt, 1 metre
	<b>H.F.</b>	109 dB @ 1 watt, 1 metre
<b>Maximum Input</b>	<b>Bass</b>	450 Watts RMS 900 Watts Program
	<b>H.F.</b>	80 Watts RMS 160 Watts Program
<b>Maximum SPL</b> (Calculated)	<b>Bass</b>	127 dB @ 1 metre RMS 130 dB @ 1 metre Program
	<b>H.F.</b>	128 dB @ 1 metre RMS 131 dB @ 1 metre Program
<b>Nominal Impedance</b>	<b>Bass</b>	8 Ohms
	<b>H.F.</b>	16 Ohms
<b>Active Crossover Frequency</b>	1.2 kHz or higher at 24dB / Octave. Contact Acoustic Technologies or visit the Acoustic Technologies Website for Factory Recommended DSP Processor settings.	

The SS24 enclosure is constructed of high quality void free Finnish Birch Ply

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

The SS24 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 SS24, without prior warning in the interests of product improvement.

## APPLICATIONS

- **Audio - Visual Presentations and Installations**
- **Theme Parks**
- **Sporting Events**
- **Product Promotions**
- **Political Campaigns**
- **Church Vocal and Music Reinforcement**
- **Corporate Productions**
- **Race Tracks**



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