

# SS24A

## Professional Self Powered Full Range Loudspeaker System



## acoustic technologies

The SS24A professional self powered full range loudspeaker system is designed to fulfill a wide range of high end touring and production applications. The loudspeaker system employs an extremely efficient 12" neodymium low/mid frequency transducer and an advanced 2" exit neodymium H.F. compression driver with a choice of 70° or 100° waveguides developed specifically for this cabinet.

The SS24A is powered by a sophisticated dual channel Class D Amplifier Module complete with a fully integrated Switch Mode Power Supply and onboard Digital Signal Processing. BvNET hardware and Podware software provides complete control and monitoring of the SS24A's amplifiers and internal DSP system and facilitates networking in multi-cabinet systems. Acoustic Technologies manufactures a wide range of loudspeaker systems which incorporate BvNET / Podware, allowing a fully networked system to be controlled and monitored from a single convenient location. For even greater capability Podware can be used as a plug-in with AFMG SysTune audio analysis software.

The SS24A is constructed from the highest quality 18mm Finnish Birch Ply coated with Acoustic Technologies' proprietary elastomer AcoustiCoate protective finish. A powder coated steel grille, versatile fly track rigging system and pole mount adapter complete a robust, durable and versatile touring cabinet.

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.

**SS24A EXCELLENCE IN AUDIO**

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## SS24A Speaker System

### FEATURES

- Flat Accurate Reproduction
- Class D Powered 1250 + 1250 Watts
- BvNET & Podware Control
- Fly Track Rigging and Pole Mount
- 5 Year Warranty

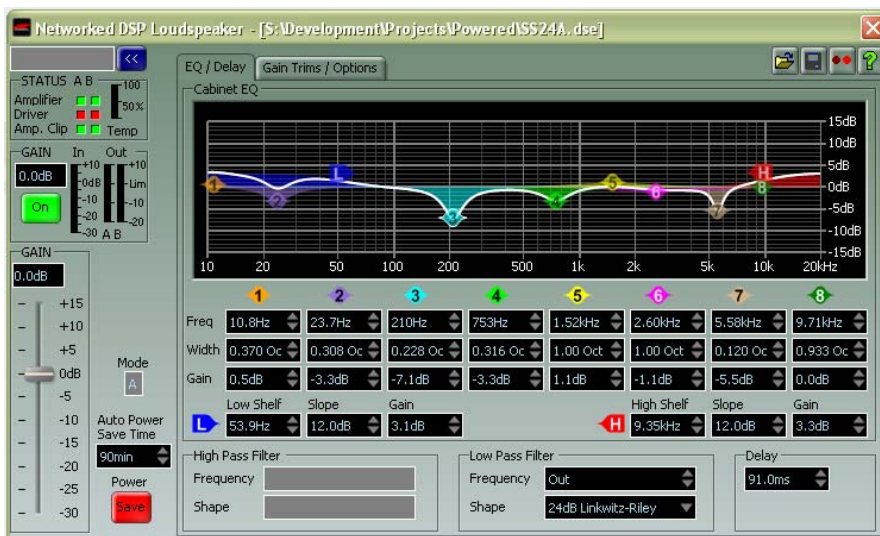
# SPECIFICATIONS

<b>Transducer Complement</b>	1x 12" Neodymium Bass/Mid Transducer 1x 2" Neodymium H.F. Compression Driver
<b>Frequency Response</b>	60 Hz - 18 kHz $\pm$ 3 dB
<b>High Frequency Dispersion</b>	70°(H) x 40°(V) or 100°(H) x 40°(V)
<b>Maximum SPL (Calculated)</b>	131 dB @ 1 metre
<b>Sensitivity</b>	100 dB @ 1 Watt 1 metre
<b>Input Impedance</b>	11k Ohms Balanced
<b>Amplifier Module Output Power</b>	1250+1250 Watts RMS
<b>Amplifier Module Type</b>	Dual Channel Class D with on-board DSP and Switch Mode Power Supply
<b>Connectors</b>	1 x Female XLR - Signal Input 1 x Male XLR - Signal Link 2 x RJ45 BvNET Input & Link 1 x Powercon - 240Volt AC Mains Inlet
<b>Physical Size</b>	Height 556mm (inc Feet), Depth 440mm, Front Width 330mm, Back Width 217mm
<b>Net Weight</b>	27.5 Kgs / 61 Lbs
<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

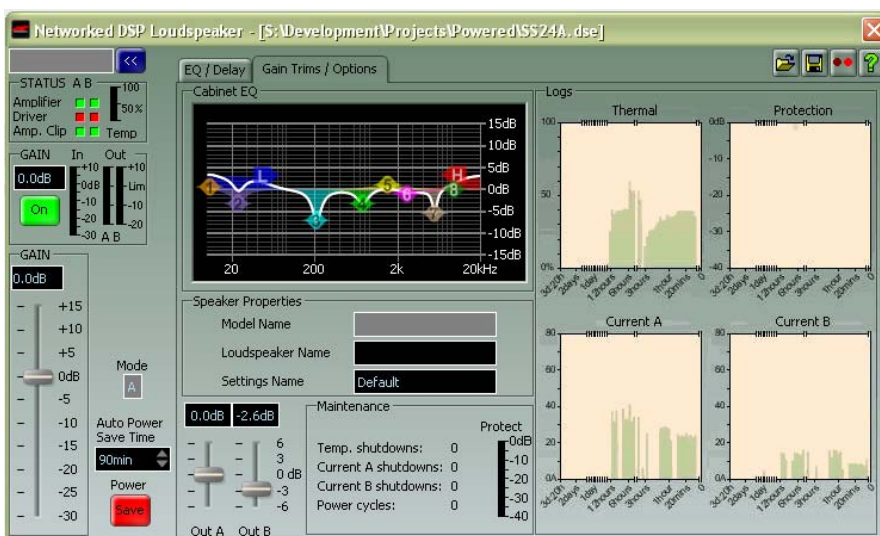
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## APPLICATIONS

- **Audio - Visual Presentations and Installations**
- **Theme Parks**
- **Sporting Events**
- **Product Promotions**
- **Sport, Music & Film Celebrity Meet and Greet Sessions**
- **Church Vocal and Music Reinforcement**
- **Corporate Productions**
- **Race Tracks**



PODWARE provides complete control of Equalisation, Input Filters, Gain, Gain Trim and Delay. PODWARE also provides extensive real-time monitoring of Input & Output Levels, Clip and Limit. Data logging retains Thermal, Protection & Current values for the last 90 Hours of operation.



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