SFM01
Professional
Stage Floor Monitor System

SFM01

acoustic technologies

Acoustic Technologies commitment to engineering superior loudspeaker products for the audio professional is evident in the new SFM Series of Stage Monitors. Designed for high end touring and productions, the SFM01 employs a highly efficient 12” low frequency transducer and an advanced 2” exit Neodymium H.F. Compression Driver coupled to a newly developed asymmetrical waveguide.

The SFM01 takes full advantage of our proprietary Floating Horn Technology (FHT), which acoustically decouples the waveguide from the baffle, effectively eliminating unwanted resonances resulting in dramatically improved clarity and intelligibility.

Low and high frequencies blend seamlessly, thanks to the sophisticated passive dividing network. Active 2 way operation is also possible using the factory recommended LMS settings.

Crafted from the finest 18mm Finnish birch ply, the SFM01 is built to withstand all the rigours of touring. The low frequency transducer and H.F. Waveguide assembly are protected by perforated steel mesh, lined with acoustically transparent foam providing a durable visually appealing finish.

The end result is a truly professional stage monitor which offers extremely high output with a smooth extended frequency response eminently suitable for all music and vocal monitoring.

SFM01 EXCELLENCE IN AUDIO

SFM01
Speaker System

FEATURES

- 960 Watt Power Handling
- Flat Accurate Reproduction
- Controlled Asymmetrical HF Dispersion
- 3 Year Warranty

SFM01

SPECIFICATIONS

Transducer Complement	1 x 12" Bass Transducer 1 x 2" exit H.F. Compression Driver
High Frequency Dispersion	100°(H) x 40°(V Asymmetrical)
Physical Size	Height 515mm, Width 385mm, Depth 730mm
Nett Shipping Weight	29 Kg
Connectors and Mode Switch	Connection Panels on Left & Right Side 2 x Speakons per Connection Panel Active / Passive Mode changeover switch
Hardware	Handgrips.
Cabinet Finish	AcoustiCoate Black Elastomer Finish.
Grille Finish	Black Powder Coat Paint Finish lined with acoustically transparent foam.

PASSIVE MODE SPECIFICATIONS

Frequency Response	65 Hz - 20 kHz ± 3 dB
Sensitivity	97 dB @ 1 watt, 1 metre
Maximum Input	480 Watts RMS 960 Watts Program
Maximum SPL (Calculated)	124 dB @ 1 metre 127 dB @ 1 metre
Nominal Impedance	8 Ohms

ACTIVE MODE SPECIFICATIONS

Frequency Response	**Bass**	65 Hz - 2.8 kHz ± 3 dB
	H.F.	1 kHz - 20 kHz ± 3 dB
Sensitivity	**Bass**	98 dB @ 1 watt, 1 metre
	H.F.	109 dB @ 1 watt, 1 metre
Maximum Input	**Bass**	400 Watts RMS 800 Watts Program
	H.F.	80 Watts RMS 160 Watts Program
Maximum SPL (Calculated)	**Bass**	124 dB @ 1 metre RMS 127 dB @ 1 metre Program
	H.F.	128 dB @ 1 metre RMS 131 dB @ 1 metre Program
Nominal Impedance	**Bass**	8 Ohms
	H.F.	16 Ohms
Active Crossover Frequency		1.2 kHz or higher at 24dB / Octave.

APPLICATIONS

- **Live Music Vocal & Instrument Monitors**
- **Recording Studio & Rehearsal Room Monitors**
- **Musical Theatre & Sound Stage Performance Monitors**
- **Television & Radio Cue, Review, Playback Monitors**
- **DJ Booth Monitors**
- **Karaoke System Vocal Monitors**

The SFM01 enclosure is constructed of high quality 18mm Finnish Birch Ply

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

The SFM01 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 SFM01, without prior warning in the interests of product improvement.

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