
SFM03

**Professional
Stage Floor Monitor System**



SFM03

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 SFM03 employs a highly efficient 15" low frequency transducer and an advanced 2" exit Neodymium H.F. Compression Driver coupled to a newly developed asymmetrical waveguide.

The SFM03 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 SFM03 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.

SFM03 EXCELLENCE IN AUDIO

SFM03 Speaker System

FEATURES

- **1360 Watt Power Handling**
- **Flat Accurate Reproduction**
- **Controlled Asymmetrical HF Dispersion**
- **3 Year Warranty**

SFM03

SPECIFICATIONS

Transducer Complement	1 x 15" Bass Transducer 1 x 2" exit H.F. Compression Driver
High Frequency Dispersion	100°(H) x 40°(V Asymmetrical)
Physical Size	Height 515mm, Width 510mm, Depth 780mm
Nett Shipping Weight	39 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	70 Hz - 20 kHz ± 3 dB
Sensitivity	98 dB @ 1 watt, 1 metre
Maximum Input	680 Watts RMS 1360 Watts Program
Maximum SPL (Calculated)	127 dB @ 1 metre 130 dB @ 1 metre
Nominal Impedance	8 Ohms

ACTIVE MODE SPECIFICATIONS

Frequency Response	Bass	70 Hz - 3.0 kHz ± 3 dB
	H.F.	1 kHz - 20 kHz ± 3 dB
Sensitivity	Bass	99 dB @ 1 watt, 1 metre
	H.F.	109 dB @ 1 watt, 1 metre
Maximum Input	Bass	600 Watts RMS 1200 Watts Program
	H.F.	80 Watts RMS 160 Watts Program
Maximum SPL (Calculated)	Bass	127 dB @ 1 metre RMS 130dB @ 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**



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The SFM03 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 SFM03 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 SFM03, without prior warning in the interests of product improvement.