

 **YAMAHA**

MSP5A & MSP3

Powered Monitor Speakers



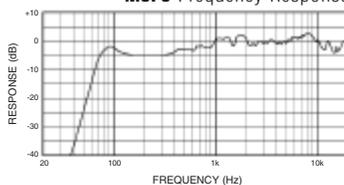


MSP3

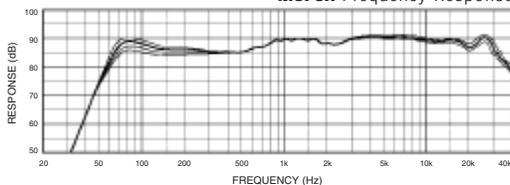


MSP5A

MSP3 Frequency Response



MSP5A Frequency Response



High Quality Performance With Built-In Amplification

Yamaha is no newcomer when it comes to creating top-performance monitor systems. From the classic NS1000 through the ever-popular NS10M series, professionals worldwide have chosen Yamaha speakers systems for critical monitoring applications because of their exceptionally accurate, natural reproduction and reliability. The MSP Series powered monitor speakers take Yamaha performance to new levels with state-of-the-art materials and design. The MSP5A uses built-in bi-amplification for the utmost in sound quality, while the MSP3 is a compact 2-way system with an on-board amp for use in personal music production systems.

Why built-in power? It's simple: quality. These speakers and amplifiers have been designed together to achieve an uncompromising audio quality and efficiency that's impossible to match with separate components.

Speaking of components, MSP speakers take advantage of the latest advances in materials and technology. The 5" woofer and dome tweeter in the MSP5A feature sophisticated magnetic structures that achieve exceptionally low distortion. The tweeter on the MSP3 operates in conjunction with a unique waveguide horn that achieves broad, uniform high-frequency dispersion for optimum balance regardless of listening position. The MSP5A also includes four low frequency and three high frequency trim switches to optimize the system's response to the room's acoustic environment. And both models sport balanced XLR type inputs for direct compatibility with professional equipment.

	MSP3	MSP5A
Type	Amplified 2-way bass-reflex powered speaker	Bi-amp 2-way bass-reflex powered speaker
Crossover Frequency	4kHz	2.5 kHz
Frequency Response	65Hz-22 kHz (-10dB)	650Hz-40kHz (-10dB)
Maximum SPL	98dB (1m)	98dB (1m on axis)
Dimensions w/h/d	5 ¹ / ₁₆ " x 9 ⁹ / ₁₆ " x 6 ⁷ / ₁₆ "	6 ⁵ / ₁₆ " x 11" x 8 ³ / ₁₆ "
Weight	9.70 lbs.	16.5 Lbs.
SPEAKER SECTION		
Components	LF: 4" cone, HF: 7/8" dome	LF: 5" cone, HF: 1" titanium dome
Enclosure	Magnetically shielded for safe positioning near computers	
AMPLIFIER SECTION		
Output Power	200W at 1kHz, RL=4Ω	Biamped System LF: 40W at 400Hz, RL=4Ω HF: 60W at 10kHz, RL=8Ω
Input Sensitivity	Line 1: -10dB, Line 2: +4dB	Input 1: +4dB, Input 2: -10dB
Input Impedance	Line 1: 10kΩ/RCA pin (unbalanced) Line 2: 10kΩ/XLR & phone (balanced, parallel)	Input 1: 10kΩ/XLR (balanced) Input 2: 10kΩ/phone
S/N	≥95dB (IEC-A weighting)	≥100dB (IEC-A weighting)
Controls	Level control: line 1, line 2 Tone control: low, high Power switch: on/off	Master volume control Tone control (7 position): Low: +1.5dB, 0.0dB, -1.5dB, -3.0dB at 60Hz High: +1.5dB, 0dB, -1.5dB at 15kHz Power switch: on/off
Power Indicator	Green LED	Green LED
Power Requirement	AC 120V 60Hz	AC 120V 60Hz
Power Consumption	30W	60W
Optional Accessories	BMS10A (Mic stand adapter) SM SPKR BRKT (Wall/ceiling mount)	BMS10A (Mic stand adapter) SM SPKR BRKT (Wall/ceiling mount)

