
TOA SPEAKER SYSTEM

PERSONAL MONITOR SPEAKER SYSTEM

SM-68



GENERAL DESCRIPTION

The TOA SM-68 is a full-range personal monitor speaker system designed for professional applications. It has a power handling capacity of 200 watts continuous program material at an impedance of 8 ohms, and features a variable input attenuator to adjust the volume. The infinite baffle design incorporates two full-range

cone-type speakers (5"/12cm) in a sealed enclosure for maximum efficiency. The cast aluminum enclosure is both rugged and lightweight, and the adjustable mounting bracket allows the SM-68 to be mounted to mic stands for stage use, or to walls for permanent installations.

SPECIFICATIONS

Enclosure:	Sealed type	Frequency Response:	110 Hz~16 kHz
Speakers:	Two 5-inch (12cm) full-range cone speakers	Attenuation:	0dB to 40dB or more
Power Handling		Material	Front Grill...Perforated metal (Black)
Continuous pink noise:	70 watts of band limited pink noise (50 Hz to 20 kHz)	(Finish):	Body.....Cast aluminum (Black)
Continuous program:	200 watts	Connectors:	Two locking 1/4" phone jacks
Impedance:	8 ohms	Dimensions:	12.8 (W) x 6.7 (H) x 5.5(D) inches
Sensitivity:	90 dB (1W/1m)	Weight:	325 (W) x 170 (H) x 140 (D) mm
			Approx. 10.6 pounds (4.8kg)

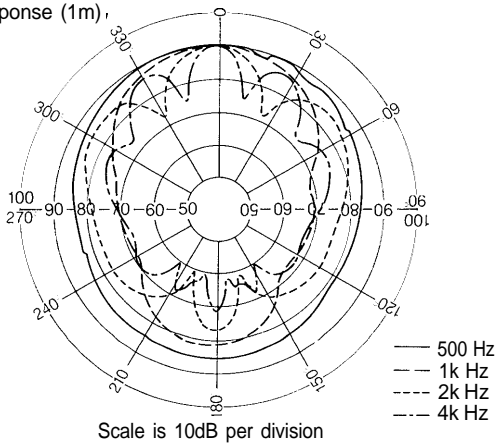
ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The speaker system shall be a full-range personal monitor speaker system designed for professional applications. It shall have a power handling capacity of 200 watts continuous program material at an impedance of 8 ohms, and shall feature a variable input attenuator to adjust the volume. The infinite baffle design shall incorporate two full-range cone-type speakers (5"/12cm) in a sealed enclosure for maximum efficiency. The cast aluminum enclosure shall be both rugged and lightweight, and the adjustable mounting bracket shall allow

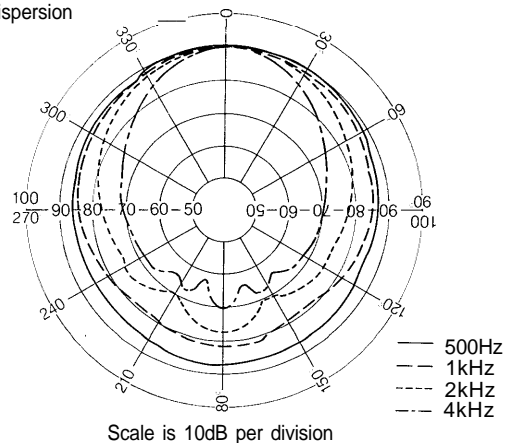
the SM-68 to be mounted to mic stands for stage use, or to walls for permanent installations. The speaker system shall meet the following criteria: Sensitivity: 90dB at 1 meter with 1 watt. Frequency response: 110Hz~16kHz. Attenuation: 0dB to 40dB or more. Front grill: Perforated metal. Body: Cast aluminum. Connectors: Two locking type 1/4" phone jacks. Dimensions: 12.8" (W) x 6.7" (H) x 5.5" (D). Weight: Approx. 10.6 pounds. The speaker system shall be designated the TOA Model SM-68.

CHARACTERISTIC DIAGRAMS (PINK NOISE)

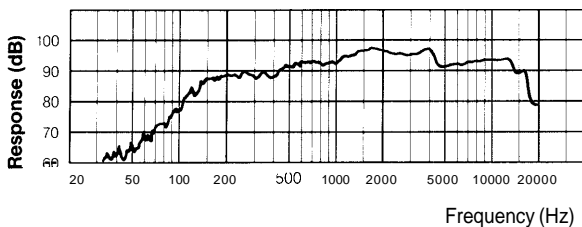
Polar Response (1m), Horizontal Dispersion



Vertical Dispersion



Frequency Response (1W/1m)



Directional Frequency Response (1W/1m)

