
TOA SPEAKER SYSTEM

2-WAY SPEAKER SYSTEM

SM-75



GENERAL DESCRIPTION

The TOA SM-75 is a compact, two-way speaker system designed for professional applications requiring personal, on-stage monitoring. The SM-75 easily handles 200 watts of continuous program material at an impedance of 8 ohms, and features a variable attenuator to adjust volume. The infinite baffle design incorporates

two full-range, cone-type speakers (5"/12cm) and a horn tweeter (1.85"/4.7cm) for clarity and efficiency, while the enclosure itself is cast aluminum for durability. An adjustable bracket is included for mounting the SM-75 on mic stands up to 1.10" in diameter, or on walls in permanent installations.



SPECIFICATIONS

Enclosure: Sealed type
Speakers: Two 5-inch (12cm) full-range cone speakers
 One 1.85-inch (4.7cm) horn tweeter

Power Handling
Continuous pink noise: 70 watts of band limited pink noise (50 Hz to 20 kHz)

Continuous program: 200 watts
Impedance: 8 ohms
Sensitivity: 90 dB (1W/1m)

Frequency Response 110 Hz-20 kHz
Attenuation 0 dB to 40 dB or more

Material (Finish): Front Grill...Perforated metal (Black)
 Body.....Cast aluminum (Black)

Connectors: Two locking 1/4" phone jacks
Dimensions: 12.8(W)X6.7(H)X5.5(D) inches
 325(W)X170(H)X140(D)mm

Weight: Approx. 10.6 pounds (4.8 kg)

ARCHITECTS AND ENGINEERS SPECIFICATIONS

The speaker system shall be a compact, two-way speaker system designed for professional applications requiring personal, on-stage monitoring. It shall easily handle 200 watts of continuous program material at an impedance of 8 ohms, and shall feature a variable attenuator to adjust volume. The infinite baffle design shall incorporate two full-range, cone-type speakers (5"/12cm) and a horn tweeter (1.85"/4.7cm) for clarity and efficiency, while the enclosure itself shall be cast aluminum for durability. An adjustable bracket shall be

included for mounting the speaker on mic stands up to 1.10" in diameter, or on walls in permanent installations. The speaker system shall meet the following criteria: Sensitivity: 90dB at 1 meter with 1 watt. Frequency response: 110Hz~20kHz. 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)X6.7"(H)X5.5"(D). Weight: approx. 10.6 pounds. The speaker system shall be designated the TOA Model SM-75.

CHARACTERISTIC DIAGRAMS (PINK NOISE)

