



TOA PROFESSIONAL SOUND SPEAKER SYSTEM

model SM-75



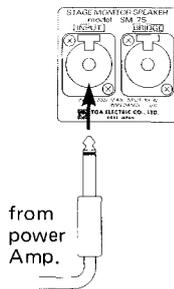
General Description

The SM-75 is a 2-way, small monitor speaker system with power handling of 210 watts (continuous program material) and an input impedance of 8 ohms, as well as with a variable attenuator. Its sealed box enclosure houses two full-range cone speakers (5-inch, 12cm) and a horn tweeter (1.85-inch, 47mm), both with high efficiency and durability. The enclosure is made of cast aluminum, so that it can withstand the roughest use. With an accessory bracket, the SM-75 is mountable on microphone stands (Fig. 1), microphone stand shafts (1.10" MAX) (Fig. 2), plates (Fig. 3) and walls (Fig. 4).

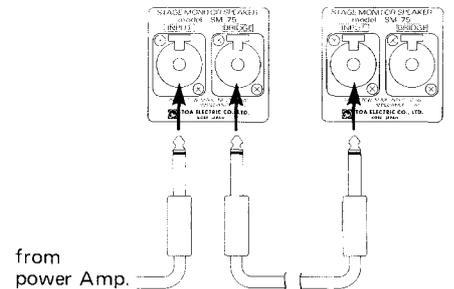
How to Connect

In case of using one SM-75

In case of using two SM-75's in parallel



Tip = Hot (+)
Sleeve = Com. (-)
Imp. = 8 ohms



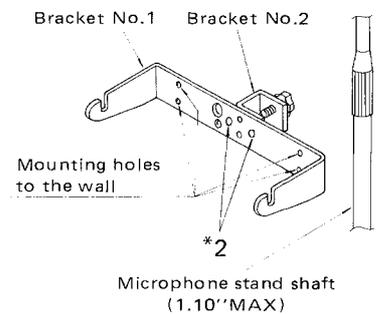
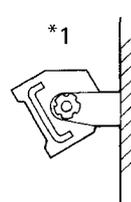
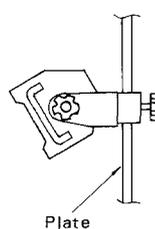
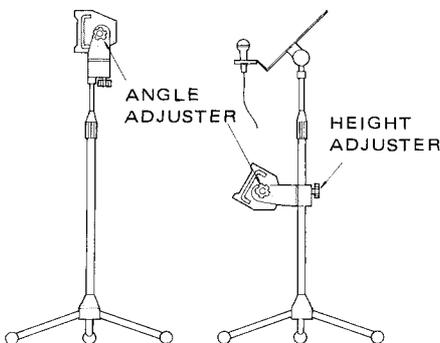
Tip = Hot (+)
Sleeve = Com. (-)
Total Imp. = 4 ohms

Fig. 1

Fig. 2

Fig. 3

Fig. 4



*1 When carrying out the installation of Fig. 4 first take off the bracket No.2 and install the bracket No.1 on the wall with the wooden screws.

*2 Bracket No.2 will change in position by 90 degrees when these mounting holes are used.



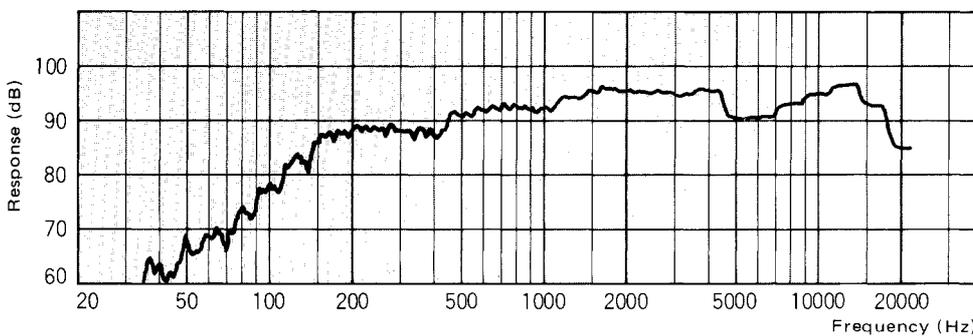
TOA ELECTRIC CO., LTD.
KOBE, JAPAN

● General Specifications

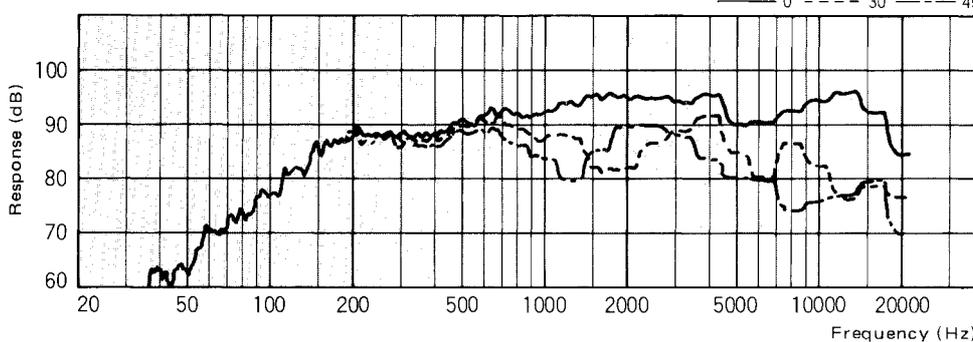
Enclosure	Sealed type
Speakers	Two 5-inch (12cm) full-range cone speakers and a 1.85-inch (4.7cm) horn tweeter
Power Handling Capacity Continuous Pink Noise Continuous Program	70 watts RMS of band-limited pink noise (50~20kHz) 210 watts
Impedance	8 ohms
Sensitivity	90 dB (1W/1m)
Frequency Response	110Hz ~ 20kHz
Attenuation	0dB to 40dB or more
MATERIAL (Finish)	Front Grill . . . Perforated metal (Black) Body Cast aluminum (Black)
Connectors	Locking 1/4" phone jacks
Dimensions	12.8 (W) x 6.7 (H) x 5.5 (D) inches 325 (W) x 170 (H) x 140 (D) mm
Weight	Approx. 10.6 pounds (4.8kg)

● Characteristic Diagrams (Pink Noise)

Frequency Response (1W/1m)

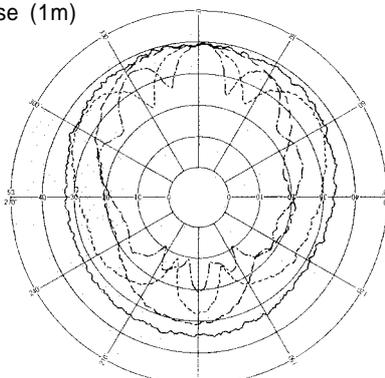


Directional Frequency Response (1W/1m)



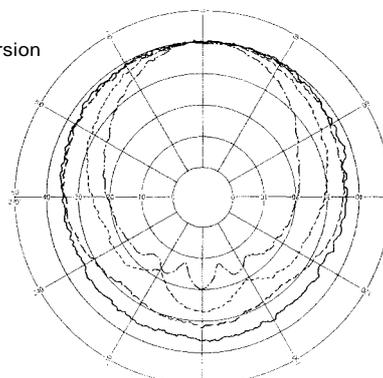
Polar Response (1m)

Horizontal Dispersion



Scale is 10dB per division

Vertical Dispersion



Scale is 10dB per division

— 500Hz
- - 1k Hz
- · - 2k Hz
- · - 4k Hz

— 500Hz
- - 1k Hz
- · - 2k Hz
- · - 4k Hz

Notice

1. For stereo system and multiple loudspeaker system use, observe loudspeaker polarity.
2. Do not connect the loudspeaker to a live program source of unknown output power level. Adjust system level controls for full attenuation before connections are made.



TOA ELECTRIC CO., LTD.
KOBE, JAPAN

Printed in Japan
133-01-180-10