TOA PROFESSIONAL SOUND SPEAKER SYSTEM

model SM-68

General Description

The SM-68 is a full-range, 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) 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-68 is mountable on microphone stands (Fig. 1), microphone stand shafts (1.10" MAX) (Fig. 2), plates (Fig. 3) and walls (Fig. 4).
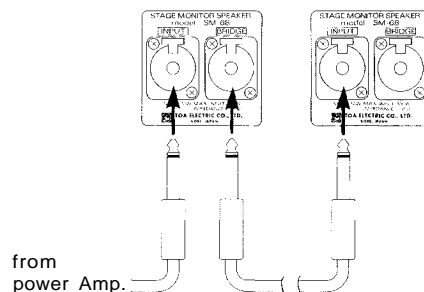
How to Connect

In case of using one SM-68

In case of using two SM-68's in parallel

from power Amp.

from power Amp.
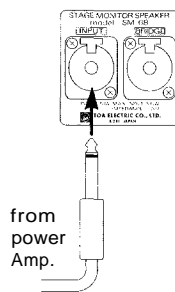
Tip = Hot (+)
Sleeve = Com. (−)
Imp. = 8 ohms

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

Fig. 1   Fig. 2

ANGLE ADJUSTER

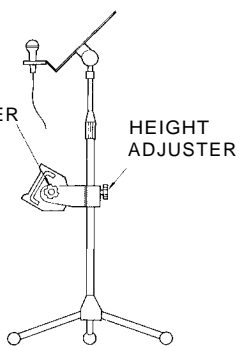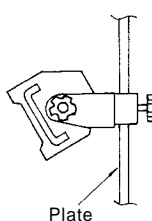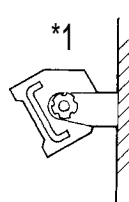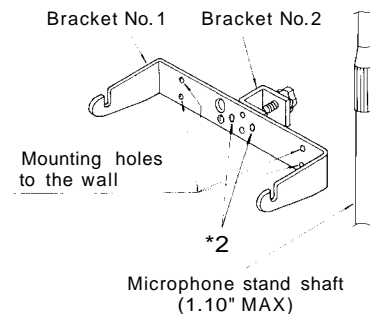HEIGHT ADJUSTER

Fig. 3   Fig. 4

*1

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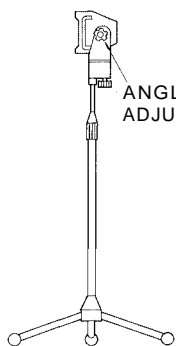
*1 When carrying out the installation of Fig. 4 first take off the bracket No.2 and install the bracket No.1 on the wall with the wooden screws.

Bracket No. 1   Bracket No. 2

Mounting holes to the wall

*2

Microphone stand shaft (1.10" MAX)

*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

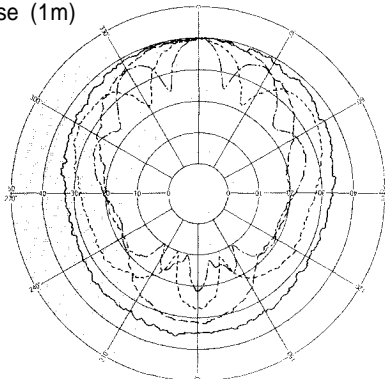|	
Enclosure	Sealed type
Speakers	Two 5-inch (12cm) full-range cone speakers
Power Handling Capacity **Continuous Pink Noise** **Continuous Program**	70 watts RMS of band-limited pink noise (50~20kHz) 210 watts
Impedance	8 ohms
Sensitivity	90 dB (1W/1m)
Frequency Response	110Hz ~ 16kHz
Attenuation	0dB 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)

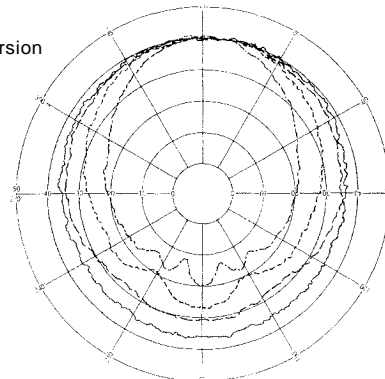Frequency Response (1W/1m)
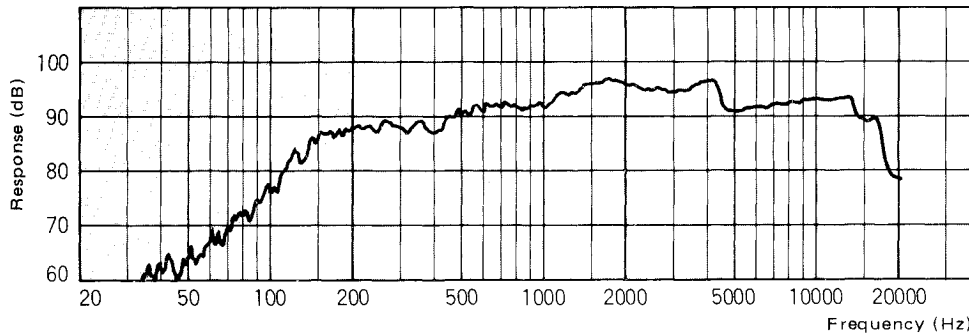
Directional Frequency Response (1W/1m)

—— 0° – – – – 30° —·— 45°
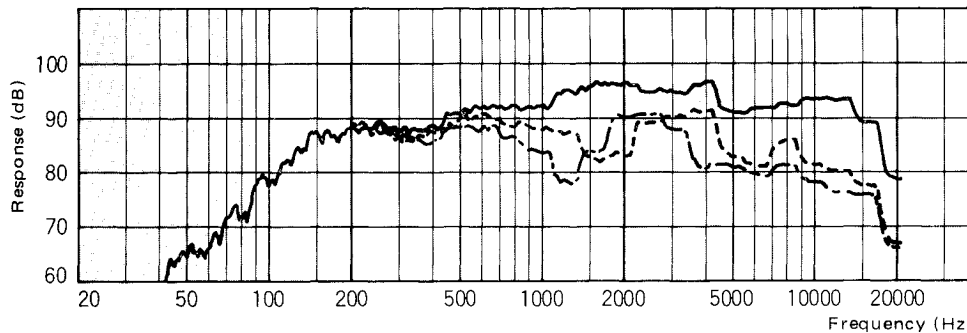
Polar Response (1m)

Horizontal Dispersion

Vertical Dispersion

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

Scale is 10dB per division

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

Scale is 10 dB per division

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.