

CM-75M



APPLICATIONS AND FEATURES

This is a slim, tubular microphone designed with flat frequency response in the range of 32 — 16,000 Hz, meant to be connected to the Pioneer Graphic Equalizer SG-50 or SG-750, and used for monitoring indoor sound characteristics. Its omnidirectional characteristics make it unsuitable for vocal use, since howling (feed back) may be caused.

BEFORE USE

Inserting battery:

(Batteries can be purchased in a camera shop, etc.)
Remove the grip as shown in Fig. 1, and insert a UM-4 battery.

Connecting the cord:

Attach the connection cord as shown in Fig. 2. When the miniplug is inserted in the CM-75M, the switch is turned ON; when the plug is removed, the switch is OFF. When finished using the microphone, detach the miniplug.

ABOUT BATTERIES

When not using the microphone for an extended period of time, remove the battery from the handle. When a battery is left inserted for long periods of time, leakage may ensue, resulting in poor contact or damage.

When battery is used improperly, dangerous leakage or rupture may be caused. Observe the following precautions regarding the use of batteries:

1. Insert battery with the (+) and (-) polarities correctly matching the diagram in the appliance.
2. Both rechargeable and non-rechargeable type batteries are available. Read the warning label carefully before attempting to recharge any battery.

Fig. 1

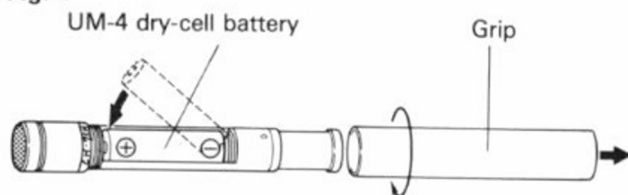
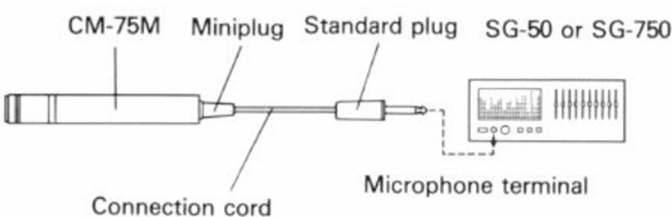


Fig. 2



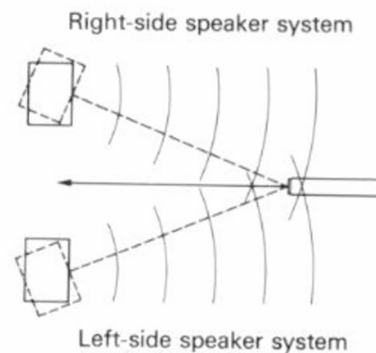
OPERATION

(Connected to the SG-50 or SG-750 and used for observation of room sound characteristics):

As shown in Fig. 3, set the microphone at the same height as the high-range (high-frequency) speakers in your speaker systems. Generate a signal sound from the speakers, and analyze the sound with a spectrum analyzer. For detailed instructions on use, consult the Operating Instructions for the SG-50 or SG-750.

Due to the influence of a speaker system's directionality, severe attenuation of high-frequencies may be experienced. In this case, point the speakers directly toward the microphone, as indicated by the dotted lined in the illustration.

Fig. 3



SPECIFICATIONS

Type	Electret condenser microphone
Directional characteristics	Omnidirectional
Frequency response	32 — 16,000 Hz
Impedance	1 kΩ
Sensitivity	-67 dB at 1 kHz (0 dB = 1 V/1μbar)
Power source	1 UM-4 (1.5 V) battery
Weight	64 g
Connection cord	5 m (φ2.5 mm shielded cord with φ3.5 2P plug — φ6.3 2P plug)
Accessories	
Connection cord	1
Drycell battery (UM-4)	1
Stand	1
Operating Instructions	1

NOTE:

Specifications and design subject to possible modification without notice, due to improvements.