

GB Microphone to be installed

Applications

This microphone to be installed – model ECM-10/SW with black cartridge cover, model ECM-10/WS with white cartridge cover – is especially designed for applications in PA systems and is ideally suited for picking up speech (e.g. announcements, lectures).

The microphone receives the supply voltage required for the operation via the connected audio unit, i.e. the microphone input on the audio unit must be provided with a phantom power (9–48 V_{DC}).

Safety Notes

The microphone corresponds to the directive for electromagnetic compatibility 89/336/EEC.

- The microphone is only suitable for indoor use. Protect it against humidity and heat (admissible ambient temperature range 0–40 °C).

- For cleaning only use a dry, soft cloth, by no means chemicals or water.
- If the microphone is used for purposes other than originally intended, if it is not installed or connected correctly or not repaired in a qualified way, no liability can be assumed for possible damage.
- If the microphone is to be put out of operation definitively, it must be disposed of in a local recycling plant.

Setting into Operation

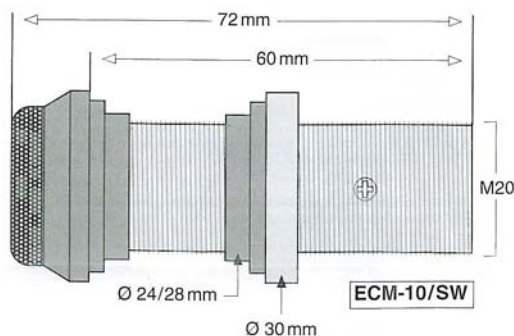
To install the microphone, e.g. into a table top, drill a hole with a diameter of 24 mm for mounting. Remove the thread nut and the lower rubber ring, and place the microphone into the mounting hole. To minimize low frequency interfering noise caused by vibrations of the microphone, place the two rubber rings in such a way that they lie on both sides of the mounting area (see fig. 2). Finally screw the microphone tightly with the thread nut.

Connect the microphone via a cable (e.g. a cable of the MEC series of the "img Stage Line" range) to an XLR microphone input on the audio unit (e.g. mixer, amplifier). The microphone input must be provided with a phantom power of 9–48 V_{DC}, otherwise no microphone operation will be possible.

Specifications

Type: electret microphone
 Pick-up pattern: . . . omnidirectional
 Frequency range: . . 30–17 000 Hz
 Sensitivity: 2,3 mV/Pa at 1 kHz
 Impedance: 300 Ω
 Power supply: phantom power 9–48 V_{DC}
 Ambient temp.: . . . 0–40 °C
 Weight: 90 g

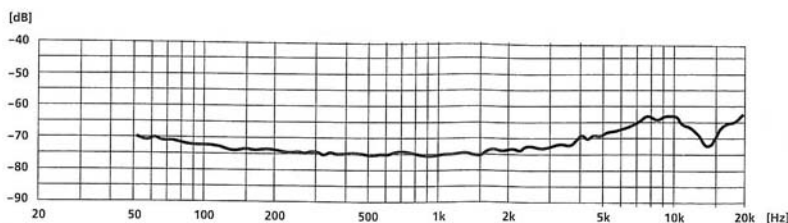
According to the manufacturer. Subject to change.



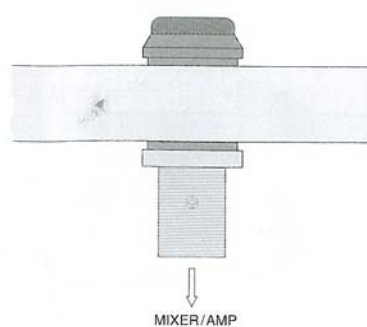
1	Masse	ground
2	Signal +	signal +
3	Signal -	signal -



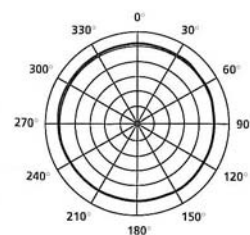
① Abmessungen/Steckerbelegung • Dimensions/plug configuration



③ Frequenzgang • Frequency response



② Montage • Mounting



④ Richtcharakteristik • Polar pattern