

M-01F

MIC PREAMPLIFIER MODULE



The M-01F is a microphone input module to be used in conjunction with the 900 series components and other TOA's equipment. It has a transformer balanced microphone input with female XLR type connector, phantom power supply function, and gain and tone controls.

Key features

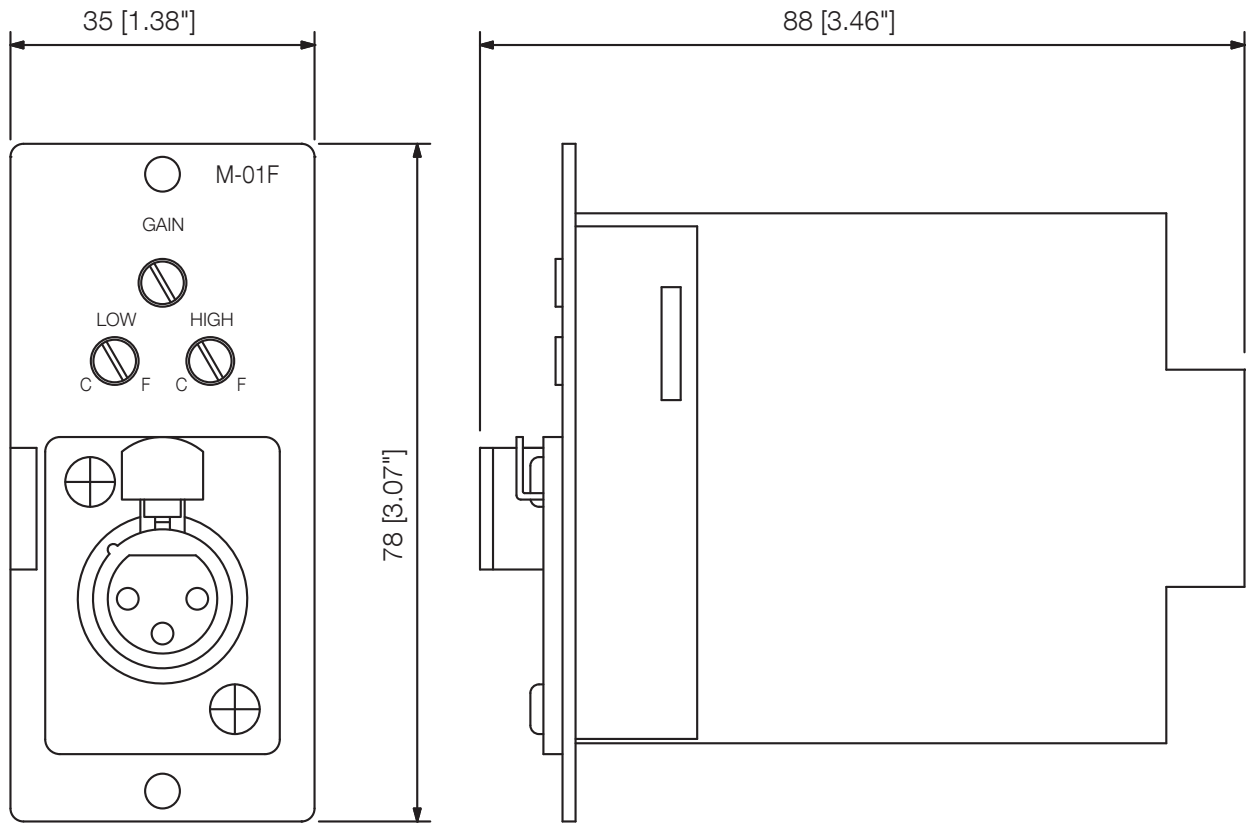
- For balanced, low impedance microphone
- High and low cut filters for tone control
- Phantom power for condenser-type microphones
- Connector: female XLR

Specifications

* 0 dB=1 V

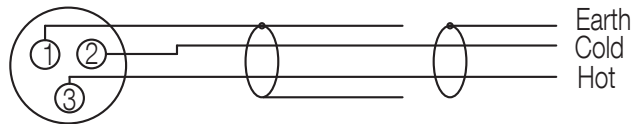
Power Supply	24 V DC (supplied from the main frame)
Current Consumption	9 mA
Input Sensitivity	-60 dB* (balanced transformer-isolated)
Input Impedance	600 Ω , balanced
Frequency Response	25 Hz - 20 kHz \pm 2.0 dB
Distortion	0.05 % or less (1 kHz, output: 0 dB*)
Noise Level	-86 dB* (20 Hz - 20 kHz BPF), input equivalent noise: -126 dB*
Gain	32 - 52 dB
Tone Control	100 Hz: 0 to -10 dB, 10 kHz: 0 to -10 dB
Phantom Power	+22 V DC (active or disable selectable)
Connector	Female XLR connector (XLR-3-31 equivalent)
Dimensions	35 (W) x 78 (H) x 88 (D) mm (1.38" x 3.07" x 3.46")
Weight	Max. 110 g (0.24 lb)

Dimensions



Front View

Side View



Connection Diagram

UNIT:mm

SCALE:1/1

A&E specifications

The microphone input module shall be balanced, 200 ohms with low/hi-cut filters and female XLR connector.
The microphone input module shall be TOA model M-01F.