

## M-21S

### MIC PREAMPLIFIER MODULE



The M-21S 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 screw terminals, remote volume control function, phantom power supply function, and gain and tone controls.

### Key features

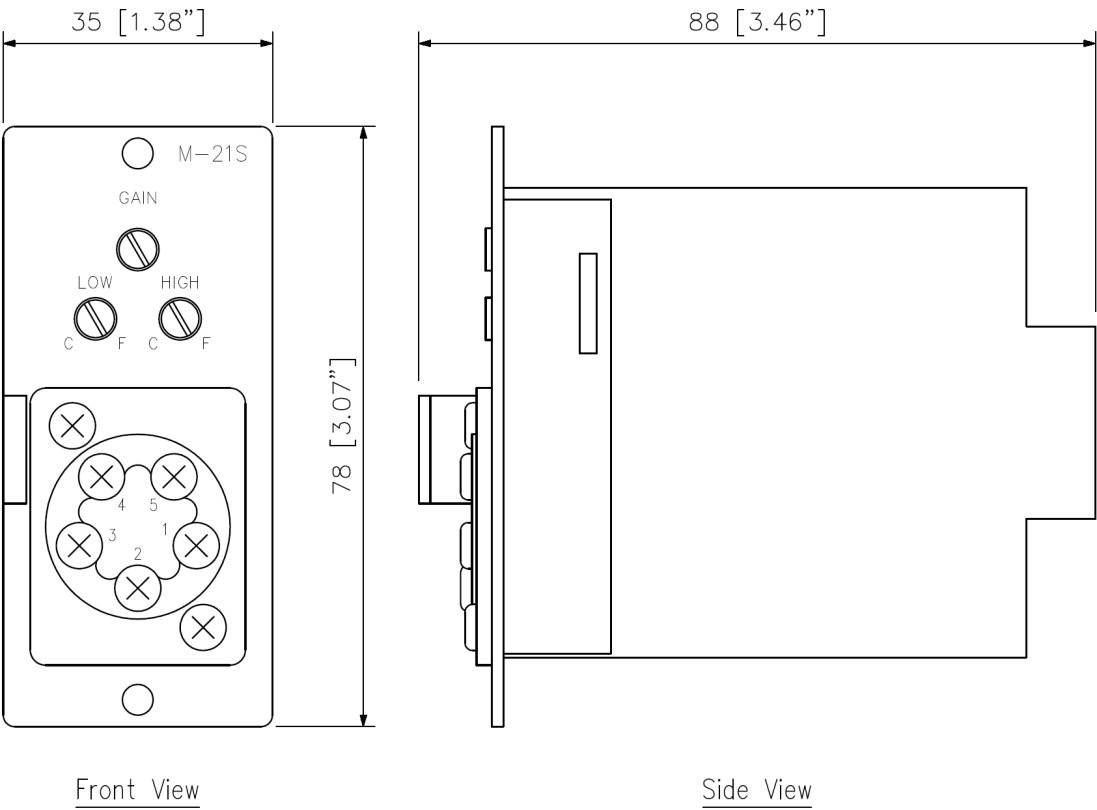
- For balanced, low impedance microphone
- High and low cut filters for tone control
- Phantom power for condenser-type microphones
- Allows remote control of input signal using an external 10k ohm linear-taper potentiometer
- Connector: removable terminal block

## Specifications

\* 0 dB=1 V

Power Supply	24 V DC (supplied from the main frame)
Current Consumption	30 mA
Input Sensitivity	-60 dB* (rated output: -20 dB*), adjustable: -72 to -52 dB*
Input Impedance	600 $\Omega$ , balanced transformer-isolated
Frequency Response	25 Hz - 20 kHz $\pm$ 1.5 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)
Remote Control Range	0 to -55 dB
Connector	5 screw terminals
Dimensions	35 (W) x 78 (H) x 88 (D) mm (1.38" x 3.07" x 3.46")
Weight	Max. 90 g (0.2 lb)

Dimensions



CONNECTION	1 :Earth
	2 :Cold
	3 :Hot
	4-5 :Potentiometer 10 kΩ

UNIT:mm