

# IT-MM

## Mic Mute Module

# FSR

AV Products Group

IT-MM Mic Mute Module



# Touchboards

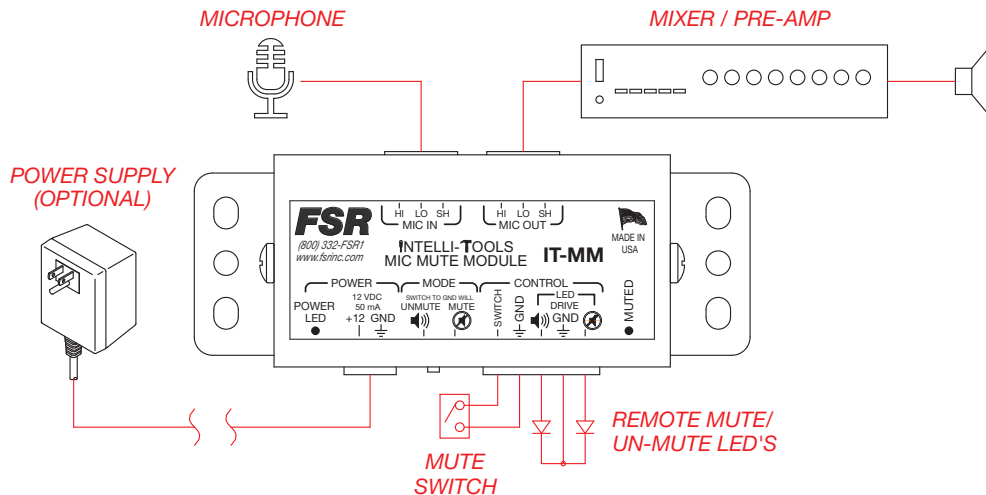
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### DESCRIPTION

The IT-MM Microphone Mute Module is the latest addition to FSR's Intelli-Tools family. It provides a convenient method to control microphone muting or activation, simplifying the installation process. All of the cables are terminated using pluggable screw terminals for quick on site hookup. Local LED's indicate power and mute status. The external LED output terminals are current limited and are used to indicate mute/unmute status. An on board slide switch can toggle the mute/unmute switch logic so the unit can be used in a variety of applications such as "push to talk" and paging. The IT-MM is a great companion accessory for FSR's T3-MJ-1B microphone mount.

### FEATURES

- Pluggable screw terminals simplify hookup
- Current limited mute/unmute LED outputs
- On board mute/unmute and power LEDs
- Local mute switch and remote mute switch terminals
- Small footprint
- On board mute logic selection switch allows for normally open or normally closed remote switch function
- Integral mounting flanges
- No programming
- Simplifies an FSR T3-MJ-1B installation
- 12 VDC operation  
(Optional power supply available)

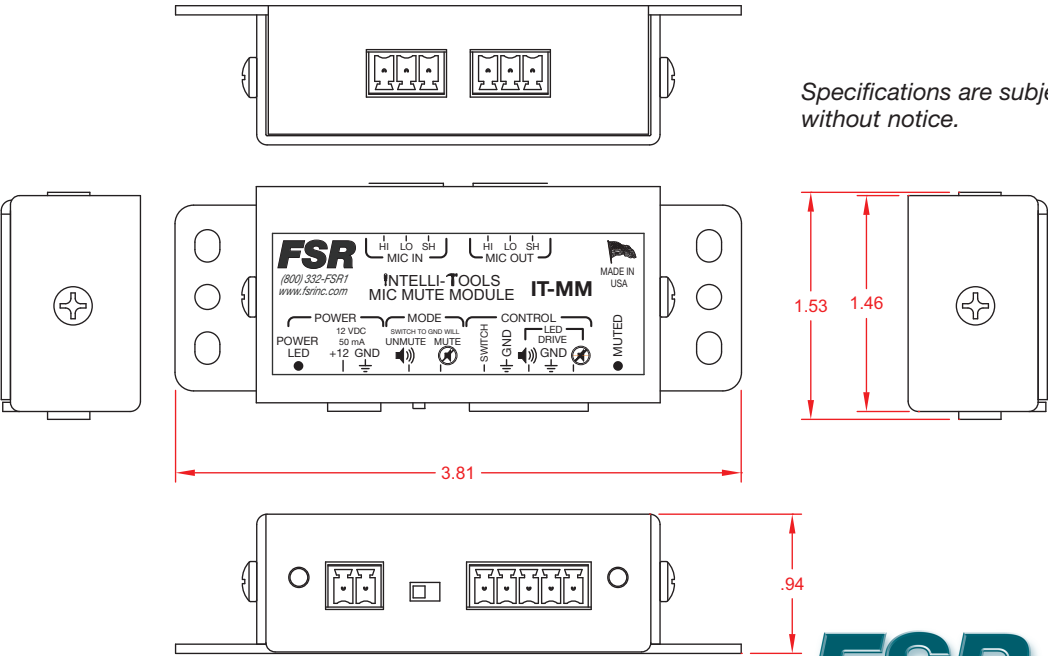


### FSR Inc.

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# SPECIFICATIONS

<b>Indicators</b>	
Power ON	
Mute status	
<b>Remote control input</b>	
Operate current	4 mA
Vin	low max= 0.8V, high min= 1.5V
Open circuit voltage at input switch pin:	<3.5V
<b>LED source outputs (limited to 5mA)</b>	
Mute status	"on" state open circuit voltage = 12V
Unmute status	
<b>Mode select switch-2 position</b>	
Mode A:	Remote switch closure will: unmute
Mode B:	Remote switch closure will: mute
<b>Microphone</b>	
Input signal type	Balanced
Input impedance	47 Kohms
Input connector	3 position pluggable screw terminal
Output signal type	Balanced
Output impedance	47 Kohms
Output connector	3 position pluggable screw terminal
Maximum allowable signal level	0.1 VRMS; -20dBV
<b>Attenuation when muted</b>	
150Ω impedance microphone	-55dB @ 1KHz; -40dB @ 100Hz
600Ω impedance microphone	-67dB @ 1KHz; -50dB @ 100Hz
<b>Operate time</b>	
0.150ms typical; 0.500ms max (from input closure to mute)	
<b>Release time</b>	
0.150ms typical; 0.500ms max (from input closure to unmute)	
<b>Phantom power</b>	
Compatible with any phantom power supply <50 VDC	
<b>Power Requirements</b>	12VDC @ 50mA
<b>Finish</b>	Black Anodized Aluminum
<b>Shipping Weight</b>	1 lb.
<b>Dimension</b>	3 <sup>13</sup> / <sub>16</sub> " L x 1 <sup>5</sup> / <sub>16</sub> " H x 2 <sup>1</sup> / <sub>4</sub> " W (See drawing below)



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