IT-A25 Series
Audio Amplifiers
IT-A25-M70 AND IT-A25-S8

FSR
Audio Products Group





DESCRIPTION

The IT-A25 Series Amplifiers are the latest addition to FSR's Intelli-tools family. They are designed to deliver great performance and versatility at an affordable price. Perfect for small venue audio power applications.

Both models support Pro and Consumer Audio input levels. The IT-A25-M70 Mono Amp provides either a 4-8 ohm speaker output or a 70V line output at 25W RMS. The IT-A25 Stereo Amp delivers a 25W/CH output at 8 ohms and can be bridged to drive a 4 ohm load at 50 watts.

The units include surface mounting brackets, self adhesive rubber feet and hardware. Optional rack mounting kits are also available (see accessories).

FEATURES

- *Signal Sense trigger for sleep & wake up*
- *Music and alarm muting capability*
- *Optional mounts available*
- *External Power Supply included*
- *Clean full-range power*

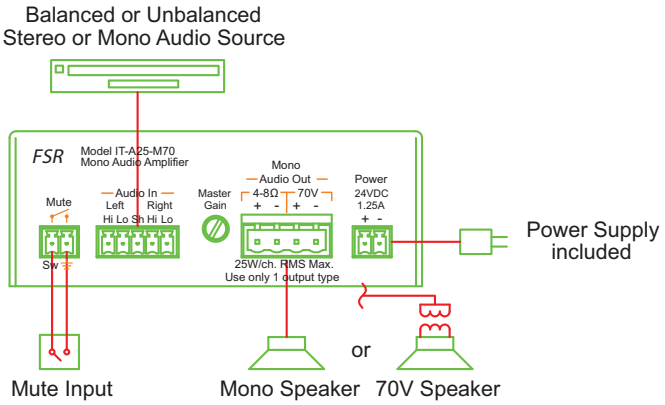
APPLICATIONS

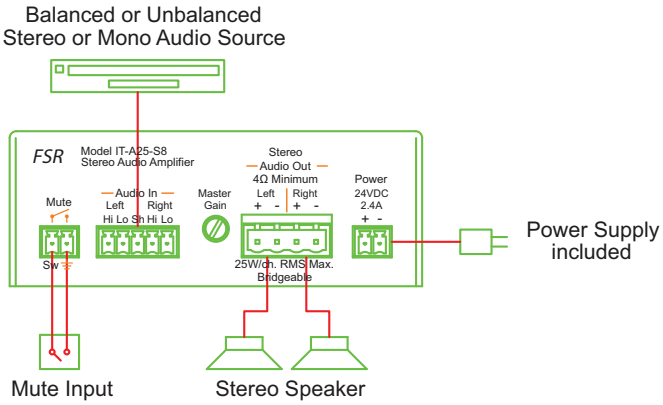
- *Boardrooms*
- *Houses of Worship*
- *Control Rooms*
- *Classrooms*
- *Staging and Rental*
- *Libraries*

ACCESSORIES

- *RK-1 Rack mounting kit*
- *RK-2 Rack mounting shelf*

TYPICAL INSTALLATION





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SPECIFICATIONS

AUDIO INPUT	IT-A25-M70	IT-A25-S8
Number of Inputs	1, Stereo balanced	
Connector	5 position pluggable screw terminal	
Maximum Input Level	7 Vrms, +16.9dBV balanced/unbalanced	
Input Impedance	20kΩ balanced/unbalanced	
Input Signal Detection Threshold (for Auto Power Down)	10mVrms, -40dBV	
AUDIO OUTPUT		
Connector	2 position pluggable screw terminal	4 position pluggable screw terminal
Power Output	25Wrms @ 70V or 25Wrms @ 4 to 8Ω	25Wrms x 2 @ 4 to 8Ω
Signal Output	Mono	Stereo, 2 Mono, Bridgeable in Mono mode
Load Impedance	4 to 8Ω or 70V	4 to 8Ω
THD+Noise	0.1% @ 10kHz, 10W 70V Output	0.5% @ 1kHz, 25W 8Ω
Frequency Response	100Hz-20kHz, +0, -1dB; -3dB @ 50Hz	20Hz-20kHz, +0, -1dB
Signal to Noise Ratio	>97dB @ 70V, 100Hz-20Khz, un-weighted	>90dB @ 25W 8Ω, 20Hz-20kHz, un-weighted
CONTROL ADJUSTMENTS		
Control Switch	Auto Power Down • Stereo/Mono (L+R sum) Pro/Consumer (+12dB) • Unity/+12dB Gain	
Remote Muting Input	Dry contact closure required	
Master Volume	✓	✓
FEATURES		
Auto Power Down	✓	✓
Clip Indicator	✓	✓
Output Short Circuit Protection	✓	✓
Bridgeable Output		✓
Power up/down click and Pop suppressor	✓	✓
POWER REQUIREMENTS		
External Power Supply	100-240VAC	100-240VAC
Power Input Requirement	24V DC @ 1.2A	24V DC @ 2.4A
Power Consumption @ Full Output	≤ 28W	≤ 58W
Standby Power	≤ 1W	
Idle Power	≤ 3.5W	

MECHANICAL	Model	Dimensions (inches)	Shipping weight lbs.
	IT-A25-M70	6.75 x 4.22 x 1.59	2.5
	IT-A25-S8	6.75 x 4.22 x 1.59	1.5

GENERAL	
LED Indicators	Power On • Standby • Clip
Operating Temperature	0° C to 40° C
Cooling	Convection cooled
Enclosure Material	Metal
Turn on time from Auto Power Down (typical)	25ms
Time to enter Mute state (typical)	<1ms
Time to exit Mute state (typical)	30ms
Amplifier Class	D

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Specifications are subject to change without notice.