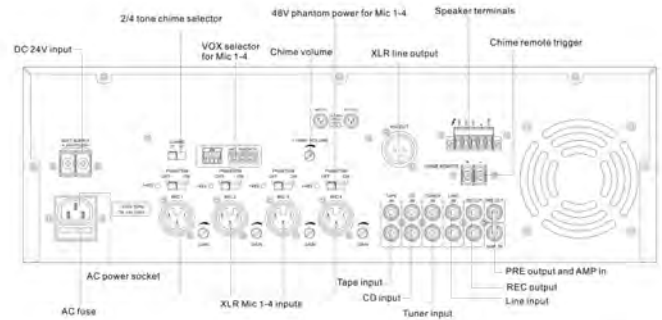




Mixer Amplifier

T-350FP/T-500FP



Description:

The FP series amplifier is a 2U (less than 240W) mixer amplifier featuring 70V, 100V and 4-16Ω speaker outputs & 4 universal balanced XLR mic inputs with phantom power. The amplifier rated power ranges is from 60W, 120W, 240W to 350W, 500W (3U). There are 4 audio source selectors on the front panel. 4 Aux inputs by dual RCA type are located on the rear panel. Mic 1-4 with Vox priority selectors. The amplifier is also built-in pre-announcement chime with volume control and remote chime trigger. The REC output for tape recorder and PRE output, AMP input for adding extra signal processor like mixer, graphic equalizer. Volume control over Mic1-4, aux, master & overall treble/bass controls are provided. Complete protection includes short circuit and thermal protection, current limiter and overloading.

Features:

- * 3U tabletop and rack mounted design.
- * Rated power output from 60W, 120W, 240W, 350W and 500W.
- * 4 balanced XLR microphone inputs with phantom power and gain control.
- * 4 dual RCA line inputs.
- * 70V, 100V and 4-16Ω speaker terminals.
- * Mic 1-4 with selectable priority over other inputs.
- * Built-in chime, 2/4 tone selector and remote trigger.
- * XLR balanced line output for extra power amplifier.
- * REC output for tape recorder.
- * PRE Output and AMP input for extra signal processor.
- * Master, Mic1-4, Aux volume control, treble and bass control.
- * Indications includes power and output level meter.
- * AC 110V or 230V and DC 24V operation.

Optional:

- * DC 24V.
- * Panel with/without handhold.
- * Faults monitoring module, it can output short circuit signal to achieve main/spare amplifier switch.

Specifications:

Model	T-350FP	T-500FP
Rated Power Output	350W	500W
Speaker Outputs	50V, 70V, 100V & 4~16Ω	
Input Sensitivity & Impedance	MIC 1, 2, 3, 4: ±2.5mV/2KΩ, Balanced XLR input AMP: 1000mV/10KΩ, Unbalanced RCA input TAPE, CD, TUNER, LINE INPUT(AUX): 350mV/10KΩ, Unbalanced RCA input	
Output Sensitivity & Impedance	REC OUT: 200mV/470Ω, Unbalanced RCA output PRE OUT: 1000mV/470Ω, Unbalanced RCA output	
Overload	MIC 1, 2, 3, 4: >15dB	
Electromotive Force	AUX: >18dB	
Tone	Bass: ±10dB at 100Hz, Treble: ±10dB at 10KHz	
Frequency Response	50Hz~16KHz (+1dB, -3dB)	
S/N Ratio	MIC 1, 2, 3, 4: 66dB; AUX: 76dB	
THD	Less than 0.1% at 1KHz, 1/3 rated power	
Muting Function	MIC 1~4 overrides other input signals with 30 dB attenuation. Set the priority for MIC1~4 by the "MIC PRIORITY" switch on the rear panel (Priority function available when it is "ON", the priority will be on lower level same as AUX input when it is "OFF")	
Gain Control	±2.5mV~±75mV at 30dB	
Crosstalk	±50dB	
Phantom Power	+48V with LED indicator	
Chime	2 tone and 4 tone options	
Cooling	Fan automatically start up when temp reaches 55°C (Equipment below 120W will convect and cool button-up)	
Protection	High temp, overload & short-circuit	
Power Supply	~110V-230V 50/60Hz	
Power Consumption	500W	750W
Dimensions	483 x 359 x 132mm	
Weight	15.38kg	17.22kg
Finish	Panel: aluminum plate, black Case: SPCC Panel	