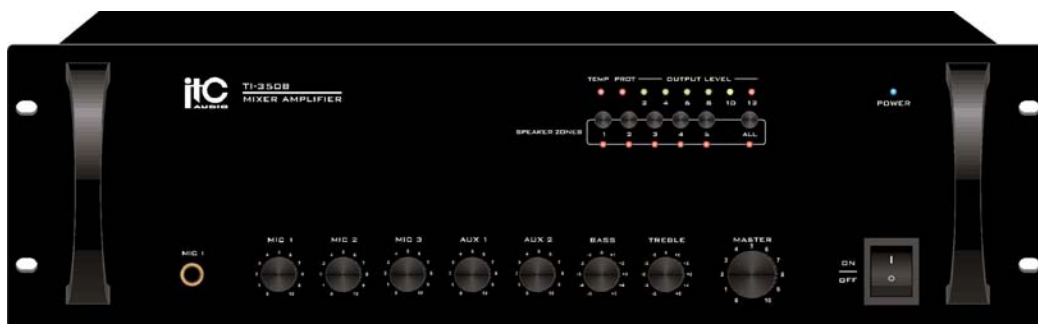


# 5 Zones Mixer Amplifier TI-550B



500W 100V 5 zone

## Descriptions

The basic public address 5 zone mixer amplifiers have power ratings 500W.

They are featured of 3 balanced microphone inputs, 2 aux inputs and 2 EMC inputs.

Priority muting is achieved via EMC1-2 for overriding other inputs except Mic 1 on front panel.

Individual gain controls are provided for Mic 1-3 and Aux 1-2, bass and treble controls and master volume control are provided for overall tone control.

70V, 100V and low impedance 4-16ohms speaker outputs are provided.

Extensive protection from short-circuit, overload and high temp.

## Features

- \* Mixer amplifier for paging and background music system
- \* Rated power 500W
- \* 2U rack mount (less than 350W) and 3U rack mount design
- \* 70V, 100V and low impedance 4-16ohm speaker output
- \* 5 zone and all zone speaker terminals
- \* Three balanced Mic inputs
- \* Mic 1(phone jack) with VOX priority and VOX level on front panel
- \* Mic 2-3 by XLR type on rear panel with phantom power
- \* Two Aux Inputs and 2 line inputs for spare use
- \* Two EMC priority inputs
- \* EMC1 has priority over all inputs except MIC1
- \* Mic 1-3, Aux 1-2 and master volume controls and bass/treble tone control
- \* Short circuit, overload and high temp protection

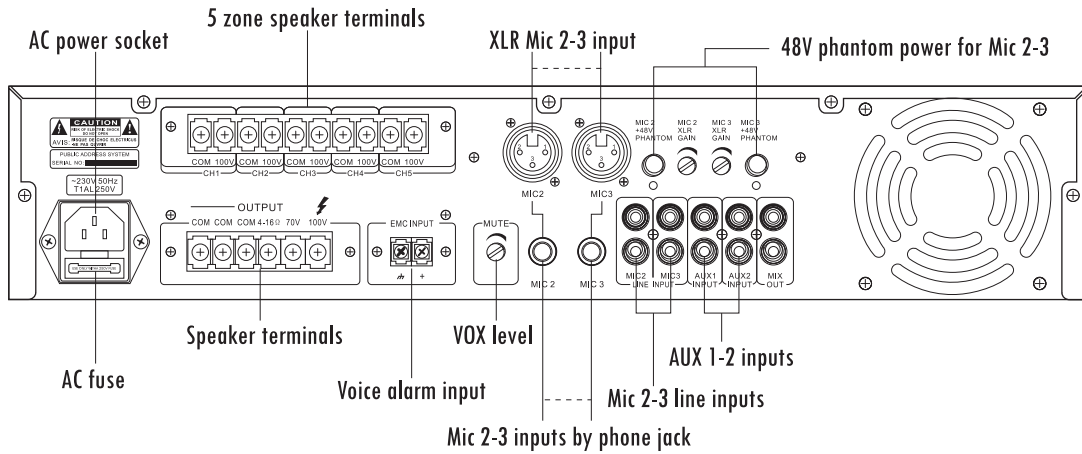
## Optional

- \* DC 24V available on less than 500W models
- \* Panel with/without handhold
- \* Faults monitoring module, it can output short circuit signal to achieve main/spare amplifier switch

## Specifications

Model	TI-550B
Rated Power Output	500W
Speaker Outputs	70V, 100V & 4~16Ω
Input Sensitivity & Impedance	MIC 1, 2, 3: 5mV/600Ω , Unbalanced phone jack input MIC 2, 3: ± 2.5mV/2KΩ , Balanced XLR input MIC 2, 3: 775mV/10KΩ , Unbalanced RCA input AUX 1, 2: 350mV/10KΩ , Unbalanced RCA input EMC: 775mV/10KΩ , Unbalanced RCA input
Output Sensitivity & Impedance	MIX OUT: 1000mV/470KΩ , Unbalanced RCA output
Tone	Bass: ± 10dB at 100Hz Treble: ± 10dB at 10KHz
Frequency Response	50Hz~16KHz(+1dB, -3dB)
S/N Ratio	MIC 1, 2, 3: 66dB; AUX 1, 2: 80dB
THD	Less than 0.5% at 1KHz, 1/3 rated power
Muting Function	MIC 1 overrides other input signals with 0-30dB attenuation
Tone Control	± 2.5mV~ ± 75mV at 30dB
Crosstalk	≤ 50dB
Phantom Power	+48V, with LED indicator
Cooling	Fan automatically start up when temp reaches 55°C
Protection	High temp, overload & short-circuit
Power Supply	~110V/60Hz or ~230V/50Hz or DC 24V
Power Consumption	750W
Weight	22.6Kg
Dimensions	484×385×132mm
Finish	Panel: aluminum plate, black Case: steel plate, black

Rear Panel



Connections

