

### Descriptions

The basic public address 5 zone mixer amplifiers have power ratings from 60W, 120W, 240W, 350W, 500W to 650W. They are featured with 3 balanced microphone inputs, 2 aux inputs and 1 EMC input. Priority muting is achieved via EMC 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 from 60W, 120W, 240W, 350W, 500W to 650W
- \* 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
- \* One EMC priority input
- \* EMC 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

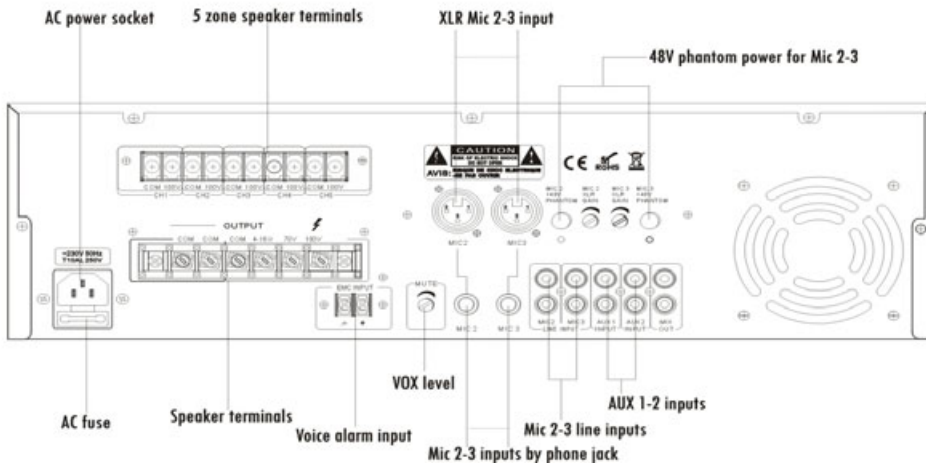
- \* DC 24V available on less than 500W models
- \* Panel with/without handhold
- \* Faults monitoring module, it can output short circuit signal to achieve main/spare amplifier switch

### Specifications

<b>Model</b>	TI-550B
<b>Rated Power Output</b>	500W
<b>Speaker Outputs</b>	70V, 100V & 4~16Ω
<b>Input Sensitivity &amp; Impedance</b>	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
<b>Output Sensitivity &amp; Impedance</b>	MIX OUT: 1000mV/470Ω, Unbalanced RCA output
<b>Tone</b>	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10KHz
<b>Frequency Response</b>	50Hz~16KHz(+1dB, -3dB)
<b>S/N Ratio</b>	MIC 1, 2, 3: 66dB; AUX 1, 2: 80dB
<b>THD</b>	Less than 0.5% at 1KHz, 1/3 rated power
<b>Muting Function</b>	MIC 1 overrides other input signals with 0-30dB attenuation
<b>Gain Control</b>	± 2.5mV~± 75mV at 30dB
<b>Crosstalk</b>	≤ 50dB
<b>Phantom Power</b>	+48V, with LED indicator
<b>Cooling</b>	Fan automatically start up when temp reaches 55℃
<b>Protection</b>	High temp, overload & short-circuit
<b>Power Supply</b>	~110V/60Hz or ~230V/50Hz or DC 24V
<b>Power Consumption</b>	750W
<b>Weight</b>	22.6Kg
<b>Dimensions</b>	484x385x132mm
<b>Finish</b>	Panel: aluminum plate, black Case: steel plate, black

**B Series(XLR Balance MIC Input + Phantom Power)**

**3U Rear Panel TI-550B**



**Connections**

