



# Digital Mixer Amplifier (Phoenix Mic Input)

## T-B550D



### Specifications

|  |   |
|--|---|
| <b>Model</b>                                     | T-B550D   |
| <b>Output interface</b>                          | 4-16Ω, 100V   |
| <b>Output power</b>                              | 500W  |
| <b>Input sensitivity &amp; impedance</b>         | MIC1, 2, 3, 4 input: 5mV/600Ω balanced European connection interface<br>AUX1, 2 input: 350mV/10KΩ unbalanced RCA connection interface<br>EMC input: 775mV/10KΩ unbalanced European connection interface |
| <b>Output sensitivity &amp; source impedance</b> | MIX OUT: 1000mV/470Ω unbalanced RCA connection interface  |
| <b>Tone</b>                                      | Bass: ±10dB at 100Hz<br>Treble: ±10dB at 10KHz  |
| <b>Frequency response</b>                        | 80~16KHz(+1dB,-3dB)   |
| <b>Signal to noise ratio</b>                     | MIC1, 2, 3:66dB; AUX1, 2:80dB   |
| <b>Distortion</b>                                | Less than 0.5% (at 1KHz, 1/3 rated power)   |
| <b>Phantom power</b>                             | 48V (±2V)   |
| <b>Mute function</b>                             | MIC 1 takes precedence over MIC2-4, AUX1-2 audio input,<br>EMC takes precedence over all audio inputs   |
| <b>Channel crosstalk attenuation</b>             | ≥50dB   |
| <b>Heat dissipation</b>                          | Side in and back out forced fan cooling, starting the fan when turned on, infinitely variable speed processing  |
| <b>Protection</b>                                | Overheat protection, overcurrent protection, short circuit protection   |
| <b>Power supply</b>                              | ~220-240V /50Hz   |
| <b>Power consumption</b>                         | 650W  |
| <b>Dimension</b>                                 | 484×260×44mm  |
| <b>Weight</b>                                    | 4.0Kg   |

### Product Usage

- \* Mixer Digital Amplifier.
- \* It is used for background music playback of small and medium-sized indoor venues such as small and medium-sized supermarkets, shopping malls, and leisure cafes.

### Features

- \* Standard cabinet design (1U), exquisite SMT process design.
- \* 1 EMC input, 2 AUX inputs, 4 MIC inputs.
- \* Channel priority function: EMC>MIC1>MIC2, MIC3, AUX1, AUX2.
- \* Each input has independent volume adjustment, and the total volume has treble, bass adjustment and volume control function.
- \* MIC1-4 balanced input with built-in 48V phantom power supply.
- \* The device is equipped with level indication, overload and protection indicators.
- \* The device has good self-protection such as short circuit, overload and overheating.
- \* Two output modes: constant voltage output 100V, constant resistance output 4-16Ω.
- \* The high-efficiency energy-saving switching power supply is perfectly combined with the high-energy saving and ultra-stable design of class D digital power amplifier.
- \* Standby power supply 24V no delay switching, optional.

### Rear Panel

