# Digital Mixer Amplifier

## T-B650D


### Description:

Mixer digital amplifier 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.

### Feature:

* 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.
* Wide voltage power supply: 220V - 240V.

### Specifications:

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|---|---|
| **Output terminal** | 4-16Ω, 100V |
| **Output power** | 650W |
| **Input sensitivity & Impedance** | MIC1, 2, 3, 4 input: 5mV/600Ω balanced European terminal;<br>AUX1, 2 input: 350mV/10KΩ unbalanced RCA connection terminal;<br>EMC input: 775mV/10KΩ balanced European terminal |
| **Output sensitivity & Source impedance** | MIX OUT: 1000mV/470Ω unbalanced RCA connector |
| **Tone** | Bass: ±10dB at 100Hz; Treble: ±10dB at 10kHz |
| **Frequency response** | 80Hz~16kHz (+1dB, -3dB) |
| **SNR** | MIC1, 2, 3: 66dB; AUX1, 2: 80dB |
| **THD** | Less than 0.5% (at 1kHz, 1/3 rated power) |
| **Phantom power** | 48V (±2V) |
| **Mute function** | EMC > MIC 1 > MIC 2, 3, 4 > AUX 1, 2 |
| **Channel Crosstalk Attenuation** | ≥50dB |
| **Heat Dissipation** | The fan starts work when powered on. Winds flank in and out from the back, can lead to strong cooling effect. with infinitely variable speed. |
| **Protection** | Short circuit, overload and overheat |
| **Power Supply** | ~220-240V /50Hz |
| **Power Consumption** | 850W |
| **Dimension** | 484×300×44mm |
| **Weight** | 4.2kg |