



Digital Mixer Amplifier with MP3/Tuner/Bluetooth (Phoenix Mic Input)

T-B120DTB



Product Introduction

It is the mixer amplifier with mp3/TUNER/Bluetooth for small and medium sized background music occasion such as small supermarkets, shopping malls, and cafes.

Features

- * Standard rack mounted design (1U), exquisite SMT process design.
- * With MP3 function module, adopt LCD display, support playback of various file formats in U disk such as MP3, WMA, APE, FLAC, WAV, and AAC; with TF card, support mobile phone Bluetooth function, and can display song names.
- * Support mp3/TUNER/Bluetooth remote control function.
- * 1 channel EMC input, 2 channels AUX input, 4 channels MIC input.
- * Channel priority: EMC > MIC1 > MIC2, MIC3, AUX1, AUX2.
- * Each channel has independent volume control function; master input has volume control and treble/bass control.
- * MIC1-4 supports balanced input, built-in 48V phantom power.
- * The machine is equipped with level indication, overload and protection indicator.
- * 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.
- * Energy-efficient switching power supply combines with energy-saving and ultra-stable design of Class D amplifiers.
- * Support backup power supply 24V switching without delay (optional).

Specifications

Model	T-B120DTB
Output	4-16Ω, 100V
RMS Power	120W
Input Sensitivity & Impedance	MIC1, 2, 3, 4 input: 5mV/600Ω balanced European connection terminal AUX1, 2 input: 350mV/10KΩ unbalanced RCA connection terminal EMC input: 775mV/10KΩ unbalanced European connection terminal MIX OUT: 1000mV/470Ω, unbalanced RCA connector
Output Sensitivity & Source Impedance	
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)
Mute Control	MIC 1 priority over MIC2-4, AUX1-2 audio input; EMC has highest priority
Channel Crosstalk Attenuation	≥50dB
Heat Dissipation	Flank in and rear panel out to force fan cooling, fan starts when amplifier turned on, infinitely variable speed
Protection	Over-heat, overload, short circuit
Power Supply	AC ~220-240V /50Hz
Power consumption	180W
Dimension	484×300×44mm
Weight	3.7Kg

Rear Panel

