



# 2/4 Channel Matrix Digital Mixer Amplifier

## TZ-2120/TZ-2240/TZ-4120/TZ-4240



2/4 Channel Matrix Digital Mixer Amplifier  
 Support Bluetooth and MP3 player(USB/TF)  
 Support 4Ω/8Ω/ 100V output;  
 Support remote volume control, remote paging;  
 Multiple output powers: 2\*120W; 2\*240W; 4\*120W; 4\*240W

### Description:

ITC 2/4 Channel Matrix Digital Mixer Amplifier of new UC series, with higher efficiency, is ideal for commercial sound system. It meets the demands of emerging markets to provide high-quality equipment at affordable prices. The UC series mixing amplifiers enjoy two outputs of 4R/100V and multiple functions, which are applicable worldwide. The series combines many functions for convenient and flexible usage, including Bluetooth and USB media players; support 4Ω/8Ω/ 100V output; each output channel is equipped with separate bass and treble control. It is suitable for clubs, stadiums, shopping centers and other broadcasting systems on demand of multi-channel high-power power amplifier.

### Features:

- \* 120W/240W constant impedance/voltage high performance digital power amplifier (4-16R/100V) with 4 channel outputs
- \* Built-in MP3 recording function
- \* 6-channel independent volume control
- \* 6-channel audio sources can be input to each channel output through matrix configuration.
- \* MIC1-4 input with adjustable gain
- \* 4-channel outputs support independent power amplifier tone adjustment
- \* Support 4 remote microphone inputs
- \* Built-in MP3 (U disk/SD card) player function
- \* Built-in FM radio function
- \* Adopt high-grade OLED screen
- \* 4-channel outputs support the remote panel control
- \* Distortion, protection, signal, output status indicator
- \* MIC 1-4 channels support phantom power
- \* 1-4 Channels enjoy priority and mixing selection function
- \* Enjoy priority input port of EMC alarm sound source
- \* ALARM port to play the specified alarm track
- \* Built-in Bluetooth function and high-gain Bluetooth antenna to connect to mobile phones / computers.
- \* 4-channel MUTE ports can be connected to the fire control port.
- \* Priority: MUTE>EMC>REMOTE MIC> MIC1-4>MIC5-6 LINE5-6

### Specifications:

Model	TZ-2120	TZ-4240	TZ-2120	TZ-2240
Output terminal	4-16Ω, 100V			
Output power	4*120W		2*120W	2*240W
Input sensitivity & impedance	MIC1-6 input: 5mV-350MV±40MV/600Ω AUX1-4 input: 350mV±40MV/10KΩ unbalanced RCA connection terminal EMC input: 775mV/10KΩ unbalanced European connection terminal OUT1-4 OUT: 1000mV/470Ω unbalanced RCA connection terminal			
Output sensitivity & source impedance				
Tone	Bass: ±10dB at 100Hz Treble: ±10dB at 10KHz			
Frequency response	80~16KHz(+1dB,-3dB)			
SNR	MIC1-6: 66dB; AUX1-4: 80dB			
THD	< 0.5% (at 1KHz, 1/3 rated power)			
Phantom power	48V(±2V)			