



2/4 Channel Matrix Digital Mixer Amplifier

T-2120UC/T-2240UC/T-4120UC/T-4240UC



Description

ITC 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 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; low impedance function (4 ohm/8 ohm) and high impedance output (100V); 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 amplifier.

Feature

- * 120W/240W constant impedance/voltage high performance digital 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 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.



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Specification

Model	T-2120UC	T-2240UC
Output terminal	4-16 Ω , 100V	
Output power	2*120W	2*240W
Input sensitivity & impedance	MIC1-6 input: 5mV-350MV \pm 40MV/600 Ω AUX1-4 input: 350mV \pm 40MV/10K Ω unbalanced RCA connection terminal EMC input: 775mV/10K Ω unbalanced European connection terminal	
Output sensitivity & source impedance	OUT1-4 OUT: 1000mV/470 Ω unbalanced RCA connection terminal	
Tone	Bass: \pm 10dB at 100Hz Treble: \pm 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(\pm 2V)	

Model	T-4120UC	T-4240UC
Output terminal	4-16 Ω , 100V	
Output power	4*120W	4*240W
Input sensitivity & impedance	MIC1-6 input: 5mV-350MV \pm 40MV/600 Ω AUX1-4 input: 350mV \pm 40MV/10K Ω unbalanced RCA connection terminal EMC input: 775mV/10K Ω unbalanced European connection terminal	
Output sensitivity & source impedance	OUT1-4 OUT: 1000mV/470 Ω unbalanced RCA connection terminal	
Tone	Bass: \pm 10dB at 100Hz Treble: \pm 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 (\pm 2V)	