



Descriptions & Features

The Series of 1U Rack-mount Mixer Amplifiers are designed for background music/paging and public address system installations, with USB player, Bluetooth, FM tuner receiver, TF Card, EMC, Alarm.

The mixer amplifiers has 3 mic inputs (Mic 2 balanced and unbalanced optional). inputs and two line inputs. 60/120/240/360/500/660 watts of amplifier power are available with either 70/100-volt or 8 to 16 ohms(Ω) loads.

Also included a balanced line level output for adding additional power amplifiers.

The unit also features muting function that Alarm overrides MIC1 overrides EMC overrides (BT/FM/USB, MIC2, MIC3, AUX1, AUX2) with 0~30dB dB attenuation.

And features complete protection is provided for output short circuit, overload, high temperature, peak current limiters.

Widely used for any kind of public areas such as shops, supermarkets, schools, churches, stations, hotels etc.

※ **Power rates: 60W/120W/240W/360W/500W/660W available.**

※ Aluminium alloy panel with standard 19" 1U height.

※ TOSHIBA amplifier transistors.

※ 100% pure copper toroidal transformers.

※ USB player, Bluetooth, FM tuner receiver, TF Card, EMC, Alarm.

※ Using CLASS D power amplifier circuit, low heat generation and high efficiency.

※ MIC1 & MIC2 jacks, MIC2&MIC3 supports 48V Phantom Power with switch ON/OFF. (Mic 2 balanced and unbalanced optional)

※ Individual volume controller for MIC & AUX inputs.

※ MASTER volume controller.

※ BASS and TREBLE tone controller.

※ Two key tone sounds: bell and alarm.

※ Bluetooth, USB, automatic playback function after power-on.

※ Dot matrix display LCD.

※ Power supply AC100-240V and DC24V (660W no DC24V).

※ With infrared remote control operation function, optional remote control

※ Protections of short circuit, overload, high temperature.

※ Individual LED indicator for POWER/SIGNAL/PROTECTION.

Specification

Model number	TCI-120DMV	TCI-240DMV	TCI-360DMV	TCI-500DMV	TCI-660DMV
Rated Output Power	120W	240W	360W	500W	660W
Fixed Resistance Output	8-16ohms(Ω)				
Constant Voltage Output	100V(83 Ω)	100V(42 Ω)	100V(28 Ω)	100V(21 Ω)	100V(15 Ω)
Microphone Input	MIC1 / MIC2: 600 ohms(Ω)10mV,unbalanced				
	MIC3: 600 ohms(Ω)10mV,balanced				
Line Input	AUX1 / AUX2:LINE:10K ohms(Ω)300mV,unbalanced				
Auxiliary Output	0.775V (0dB)				
Frequency Response	60Hz—20KHz (\pm 3dB)				
Nonlinear Distortion	<0.5%at 1KHz, 1/3 of rated output power				
S/N	Line: >80dB,MIC: >65dB				
Output Adjustment Rate	<3dB,from static to full load working state				
Tone Adjustment Range	BASS: 100Hz(\pm 10dB),TREBLE: 10KHz(\pm 10dB)				
Indicator Light	Power supply: PW, level indication: -20, -10, -3, CLIP				
Power Supply	AC100V~AC240V 50~60Hz & DC24V				
Power Cord	(3 \times 0.5mm ²) \times 1.5M (standard)	(3 \times 0.75mm ²) \times 1.5M (standard)			
Power Consumption	180W	360W	480W	750W	990W
Product Size	480*200*45mm	480*280*45mm			
Package Size	522*28*72mm	515*380*100mm			
Net Weight	3.5KG	3.6KG	3.7KG	3.9KG	4.3KG
Gross Weight	4.5KG	4.6KG	4.7KG	4.9KG	5.3KG