



Description

This series class-D power amplifier is of switching power technology, which features of minimum power consumption and much higher efficiency up to 85%, moreover it helps to save installation rack space, generate less heat so as to extend its performance life span as a result.

There are one balanced inputs by phoenix connector with gain control. Speaker outputs both by 100V & 4-16ohms. The built-in high-pass filters could be enabled or disabled through the dip switch pre-setting.

Automatic standby function will execute when there is no signal input for one minute, and it will immediately wake up at sight of any input. Visual working status indicators include protection, clip, input and output for easy supervision. With complete short circuit, overload, high temp, clip and DC protection.

Switchable AC power supply from 115V to 230V, thus it support worldwide sound system installation. DC24V is optional for customer request.

Features

1. Switching power technology digital power amplifier
2. Class-D PA power amplifier of minimum power consumption
3. Less rack space and less heat generation
4. Single channel power amplifier into 19" rack mount unit
5. Rated power output at 120W, 240W, 350W, 500W
6. Speaker outputs 4-16Ω/100V

7. Balanced XLR input by phoenix connector
8. Each input with separate gain control
9. Each channel with high-cut filter
10. Built-in auto standby feature to save power consumption
11. Separate indicator for protection, clip, input and output
12. Complete short circuit, overload, high temp, clip and DC protection
13. Wide AC input switchable between 115V and 230V & optional DC24V battery input

Specification

Model	TCI-120D	TCI-240D	TCI-350D	TCI-500D
Rated Power Output	120W	240W	350W	500W
Speaker Output	4-16Ω & 100V			
Frequency Response	L/H Cut OFF 20Hz-20KHz (+1/-2dB)			
	UH Cut ON 70Hz-10KHz (+1/-3dB)			
Input	0.775V, OdBu, balanced phoenix connector			
Input Impedance	10KΩ			
THD	<0.1 % (1 KHz/-3dB, 100W)			
S/N Ratio	80dB			
Crosstalk	60dB, 1KHz, Max output			
Power Consumption	180W	280W	390W	540W
Power Supply	AC input switch able between 115V & 230V & optional 24V DC input, 50-60Hz			
Dimension	482 (W) * 420 (D) * 44 (H) mm			
Weight	4KG	4.2KG	4.5KG	5KG