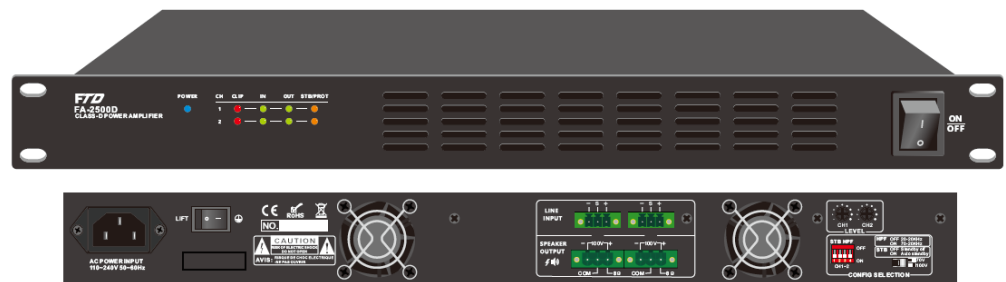


# Class-D Two Channel 500W Power Amplifier FA-2500D

Class- D

100V&8ohms



## Features:

- Switching power technology digital power amplifier
- Class-D PA power amplifier of minimum power consumption
- 1RU height for less rack space and less heat generation
- Two channel power amplifier into 19" rack mount unit
- Rated power output at 2x500W
- Two channel separate speaker outputs 8Ω/100V
- Balanced line input by phoenix connector for two channels
- Each input with separate gain control.
- Each two channel with high-cut filter.
- Built-in auto standby feature to save power consumption
- Separate two channel indicators for protection, clip, input and output
- Complete short circuit, overload, high temp, clip and DC protection
- Wide AC input switchable between 115V and 230V
- 24V DC input.

## Description:

The FA-2500D range digital 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.

The FA-2500D is of rated power output at 2×500W, so it could be used as two zone multiple sources public address system at minimum cost. The versatile loudspeaker outputs of both high impedance 100V & low impedance 8ohms enable it meet both PA fixed installation and Hi-fi stereo sound installation jobs.

There are two balanced inputs by phoenix connector for each channel with gain control. Two separate zone speaker outputs both by 100V & 8ohms. The built-in two channel separate high-pass filters could be enabled or disabled through the dip switch pre-setting.

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Automatic standby enable after no detection of signal input for one minute, 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. 24V DC input is included.

### Specification:

Model	FA-2120D	FA-2240D	FA-2350D	FA-2500D
Description	Class-D Two Channel Power Amplifier			
Rated Power Output	2*120W	2*240W	2*350W	2*500W
Speaker Output	4-16Ω & 100V			
Frequency Response	L/H Cut OFF 20Hz-20KHz (+1/-2dB) L/H Cut ON 70Hz-10KHz (+1/-3dB)			
Input	0.775V, 0dBu, balanced phoenix connector			
Input Impedance	10KΩ			
THD	<0.1% (1KHz/-3dBv, 100W)			
S/N Ratio	>80dB			
Crosstalk	>60dB, 1KHz, Max output			
Power Consumption	300W	550W	800W	1100W
Power Supply	AC input switchable between 115V & 230V, 50-60Hz 24V DC input as option at order request.			
Dimension	482(W)x420(D)x44(H) mm			
Weight	7.0kg	7.5kg	8KG	8.5KG

### Appication:



Voice Evacuation System  
School, Airport, Train Station



AV Control System  
Hotel, Conventional Center, Stadium

