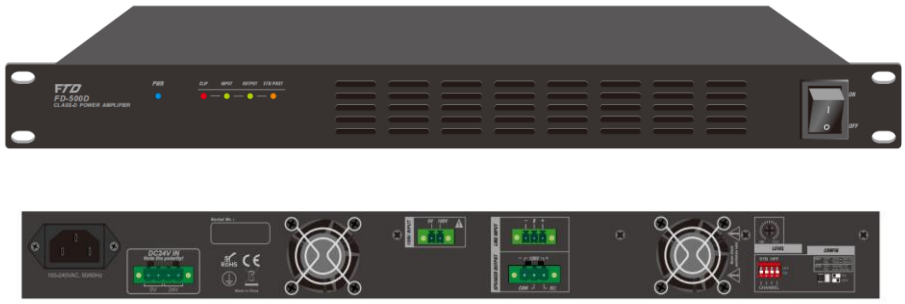
FA-500D
Class-D Single Channel 500W Power Amplifier

Class- D

100V&8ohms



Features:

- Switching power technology digital power amplifier
- Class-D PA power amplifier of minimum power consumption
- Less rack space and less heat generation
- Single channel power amplifier into 19” rack mount unit
- Rated power output at 500W
- Speaker outputs 4-16Ω/100V
- Balanced XLR input by phoenix connector
- Each input with separate gain control.
- Each channel with high-cut filter.
- Built-in auto standby feature to save power consumption
- Separate 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 as option at order request.

Description:

The FA-500 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-500D is of rated power output at 500W, so it could be used as digital public address system at minimum cost. The versatile loudspeaker outputs of both high impedance 100V & low impedance 4-16ohms enable it meet both PA fixed installation and Hi-fi stereo sound installation jobs.

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 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. DC24V operation is optional at order request for immediately shipment as well.

Specification:

Model	**FA-120D**	**FA-240D**	**FA-350D**	**FA-500D**
Description	Class-D Single Channel Power Amplifier			
Rated Power Output	120W	240W	350W	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	200W	300W	420W	550W
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	4.2kg	4.5kg	5KG	5.5KG

Appliciation:



Voice Evacuation System
School, Airport, Train Station





AV Control System
Hotel, Conventional Center, Stadium

