

# Class-D Four Channel 500W Power Amplifier



## Features

- Switching power technology digital power amplifier
- Class-D PA power amplifier of minimum power consumption
- Less rack space and less heat generation
- Four channel power amplifier into 19" rack mount unit
- Rated power output at 4x500W
- Four channel separate speaker outputs 4Ω/100V
- Balanced XLR input by phoenix connector for four channels
- Each input with separate gain control.
- Each four channel with high-cut filter.
- Built-in auto standby feature to save power consumption
- Separate four 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

## Description

The DPA 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 DPA4500N is of rated power output at 4x500W, so it could be used as four zone multiple sources public address system at minimum cost. The versatile loudspeaker outputs of both high impedance 100V & low impedance 4ohms enable it meet both PA fixed installation and Hi-fi stereo sound installation jobs.

There are four balanced inputs by phoenix connector for each channel with gain control. Four separate zone speaker outputs both by 100V & 4ohms. The built-in four channel separate 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.

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## Specification

<b>Model</b>	<b>DPA4500N</b>
<b>Description</b>	Class-D Four Channel 500W Power Amplifier
<b>Rated Power Output</b>	4x500W
<b>Speaker Output</b>	4-16Ω & 100V
<b>Frequency Response</b>	L/H Cut OFF 20Hz-20KHz (+1/-2dB) L/H Cut ON 70Hz-10KHz (+1/-3dB)
<b>Input</b>	0.775V, 0dBu, balanced phoenix connector by four channels
<b>Input Impedance</b>	10KΩ
<b>THD</b>	<0.1% (1KHz/-3dBv, 100W)
<b>S/N Ratio</b>	>80dB
<b>Crosstalk</b>	>60dB, 1KHz, Max output
<b>Power Consumption</b>	2300W
<b>Power Supply</b>	AC input switchable between 115V & 230V, 50-60Hz 24V DC input as option at order request.
<b>Dimension</b>	482(W)x420(D)x44(H) mm
<b>Weight</b>	15kg

## Rear Panel



## Applications

Voice Evacuation System School, Airport, Train Station

AV Control System Hotel, Conventional Center, Stadium

