

# DPA153

## Class-D Power Amplifier

## AUDAC

### ► Features

- Two Satellite channels (Stereo)
- Subwoofer channel
- Class-D Technology
- Active crossover network
- Compact size, High performance
- High efficiency
- Convection cooled
- Low heat dissipation
- Advanced Protection circuit

### ► Applications

- Residential applications
- Commercial applications
- Professional applications



The DPA series amplifiers are Class-D power amplifiers designed to meet the requirements for various kinds of applications, ranging from standard stereo home applications to Multi-Zone distributed speaker systems. They are designed in six different models of Class-D power amplifiers, divided in three different architectures to meet the requirements for all kinds of applications.

They combine the best of all features in one single series of amplifiers, providing an outstanding sound quality with all the known advantages of Class-D Amplifiers. Such as the excellent efficiency and very low heat dissipation. And due to the complete passively cooled entity only a minimal of maintenance is needed, while ensuring maximum reliability.

The small size of a single rack space make them very interesting for fixed rack mount as well as mobile applications.

The DPA153 is built as a two channel (Stereo) amplifiers, with an additional channel for powering a subwoofer cabinet. It contains an active crossover network with a frequency of 120Hz and advanced protection circuitry which protects against DC malfunctioning, short circuit, overheating and overload.

The signal input connections are accommodated with balanced XLR connectors and signal link through with other amplifiers is possible using the XLR output connectors. The operation mode can be selected between Stereo mode, Bridge mode and Parallel mode.

The output connections are accommodated with Euro-Terminal blocks.

### ► Specifications

SYSTEM SPECIFICATIONS	
RMS Power Satellite Stereo @ 8 Ohm	2 x 80 Watt
RMS Power Satellite Stereo @ 4 Ohm	2 x 150 Watt
RMS Power Satellite Bridge @ 8 Ohm	300 Watt
RMS Power Subwoofer @ 8 Ohm	300 Watt
Input sensitivity	4 dBu
Input impedance	20 k Ohm
Frequency response ( ± 1 dB)	20 Hz - 20 kHz
Signal to noise ratio	> 90 dB
Channel separation (8 Ohm, 1 kHz)	> 70 dB
T.H.D at 1 kHz, (1/2 rated power)	Less than 0.1%
Technology	Class-D
Power Supply	Switching mode
Power source	100 ~ 240V AC / 50 ~ 60 Hz
Cooling	Convection cooled
Protection	DC short circuit Overheat Over load Signal limiting
Operating temperature	0° ~ 40° C at 95% Humidity
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	482 x 44 x 330 mm
Weight net	4.83 Kg
Mounting	19"
Unit height	1 HE
Construction	Steel
Colour	Black
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight and volume	5.98 Kg - 0.028 Cbm

\*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products