

Class-D PA Amplifier

DPA-300S/300D/300T/300Q/ 600S/600D/900S/1200S



CLASS-D PA AMPLIFIER



●● 2U Size High Power Class-D PA AMP

Class D audio amplifier with ECO Digital design offers greater than 90% power efficiency and lower heat dissipation over traditional low efficiency and noise from analog amplifier.

●● AC&DC Dual Power Operation

AC & DC dual power operation. Normal power operation via AC 220~240V electrical power input. Amplifier will switch automatically to DC24V battery backup supply input when AC power is interrupted.

●● Wide Range of Selection

1CH (S) : 1200W/900W/600W/300W (4Type)
2CH (D) : 600+600W/300+300W (2Type)
3CH (T) : 300+300+300W (1Type)
4CH (Q) : 300+300+300+300W (1Type)

●● LED Display

It is easy to monitor a status of amplifier with LED display (RUN, -30dB, -10dB, Clip, Priority, fault, AC, DC).

●● SMPS provides high efficiency and low weight

SMPS - Switch mode power supply provides high efficiency and low weight. Among their advantages is their reduced physical size and lower heat dissipation. SMPS offer power efficiency and reduced power consumption over traditional amplifiers.

●● Priority Program Override

Each amplifier module has 2 audio inputs. The Primary program input, PGM and Priority input, PRI. The primary regular broadcast program input, PGM is interrupted and overridden by the Priority input, PRI, when a contact closure is received on the PRI select terminal. This is ideal for Emergency message broadcasting applications.

●● Power On/Off Control with control input

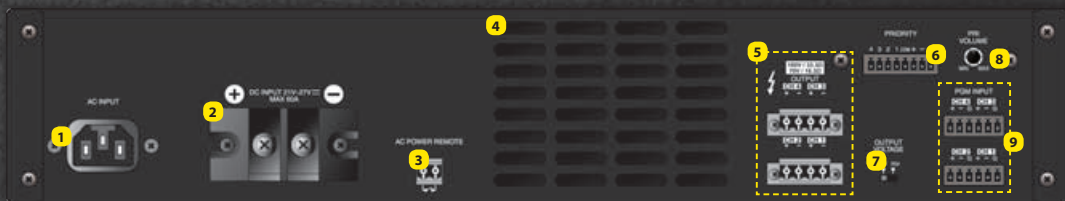
The user can control the Power On/Off at a long distance by using a control input.

Front Panel

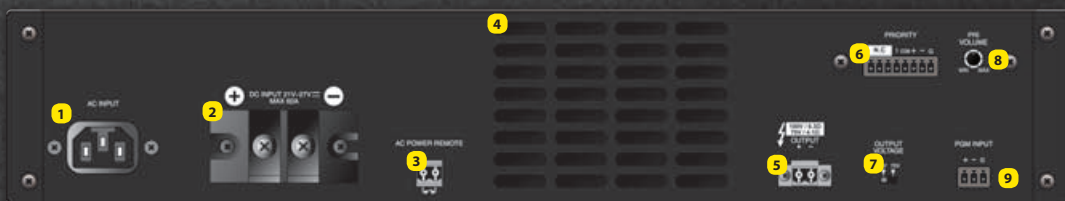


- 1 LED
- 2 Volume Control
- 3 Power Switch

Rear Panel



DPA-300Q



DPA-1200S

- 1 AC Power Input Terminal
- 2 DC Power Terminal
- 3 Remote Power Control Input
- 4 Fan
- 5 Speaker Output
- 6 PRIORITY Audio & Control Input Terminal
- 7 Output Voltage Tap (70V/100V)
- 8 PRIORITY Volume Control
- 9 PGM Audio Input Terminal

Specifications

	DPA-300S	DPA-300D	DPA-300T	DPA-300Q	DPA-600S	DPA-600D	DPA-900S	DPA-1200S
Rated Output Power	300W	300W*2	300W*3	300W*4	600W	600W*2	900W	1200W
Frequency Response	30Hz ~ 20KHz (-3dB)							
Output Voltage / Impedance	100V/33.3Ω				100V/16.6Ω			100V/8.3Ω
	70V/16.3Ω				70V/8.2Ω		70V/5.4Ω	70V/4.1Ω
Input Sensitivity	1V / 10kΩ Balance							
THD	Less than 1%							
SNR	95dB							
Operating Temperature	-10°C ~ +40°C							
Power Source	DC24V, AC220~240V 50/60Hz							
Weight (SET)	482(W) x 88(H) x 280(D)mm							

* Design and specification are subject to be changed without pre notice.

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