Kodio

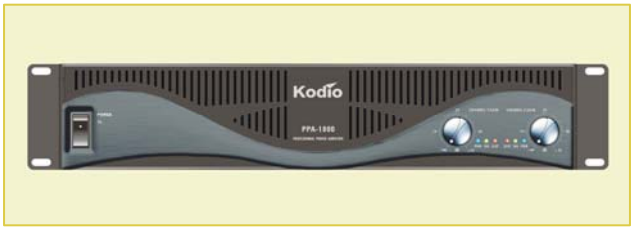
PPA Series
Power Amplifiers

PPA-0600 /1000/1800

Description

PPA series amplifiers are designed for durability and reliability without disregarding professional sound quality.
The PPA series exhibit very low level of noise and distortion, Each amplifier is designed for rugged use and intended to last because all components are of the highest quality.
Thermal management at the highest level using air tunneling that moves heat towards the air efficiently.
Experience also the versatility of this amplifier when "tacked" whether it's for high, low or full range application.

Front



Back

Application

Application for PPA range versatile amplifier is more on professional sound amplification. It can be rack-mounted and stacked to create additional channels. It can be used for the following:

- **Concerts and performance**
- **Public address systems**
- **Mobile audio systems**
- **Architectural sound system**
- **Conference halls and auditoriums**
- **Malls and shops**

Functions and Features

Line Output Options

• Bypass • Low Pass Filter • High Pass Filter

Indicators

• Power, Signal and Clip

Speaker Output Option

• Stereo(2~8 ohm Speaker)
• Bridge(4~16 ohm Speaker)

Amplifier Protection

Full short circuit, thermal, ultrasonic and RF protection; stable into any load.

Load Protection

Turn on/off muting, DC (triac crowbar), low-cut filter

Cooling system

Two-speed DC fan, air flow back to front

Re-settable Circuit Breaker Protection

120V or 230V AC version

Dimensions

19"(W)+3.5"(H)+15.5"(D)
482(W)+88.5(H)+380(D)mm

Weight

PPA-0600:40 1bs(18.2Kg)
PPA-1000:45 1bs(20.5Kg)
PPA-1800:49 1bs(22.3Kg)

Input and Output

Input connectors

• 3 Pin XLR balanced input
• 5 Pin Barrier Strip balanced and unbalance input

Output

• High pass line out
• Low pass line out
• Full range line out

Speaker Output Connectors

• Neutrick Speakon
• Binding Post

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Rated Output Power

PARAMETER	800W	1500W	2500W
2 ohms EIA 1KHz 1% THD	400W RMS/CH	750W RMS/CH	1250W RMS/CH
4 ohms EIA 1KHz 0.1% THD	300W RMS/CH	500W RMS/CH	900W RMS/CH
8 ohms EIA 1KHz 0.1% THD	1800W RMS/CH	300W RMS/CH	540W RMS/CH
Bridge mode mono			
4 ohms EIA 1KHz 1% THD	800W RMS	1500W RMS	2500W RMS
8 ohms EIA 1KHz 0.11% THD	600W RMS	1000W RMS	1800W RMS
HUM & Noise			
Below rated output power, 4 ohms	100 dB, unweighted	100 dB, unweighted	100 dB, unweighted
DISTORTION:			
SMPTE-IM	Less than 0.01%	Less than 0.01%	Less than 0.01%

Input Sensitivity And Impedance

PARAMETER	800w	1500w	2500w
Rated output power, 4 ohms	0.87V RMS(-1.2dBV)	1.12V RMS(+1dBV)	1.5VRMS(+3.5dBV)
XLR jack balanced/ unbalanced	20K Ohms/ 10K Ohms	20K Ohms/ 10K Ohms	20K Ohms/ 10K Ohms
System Gain	32 dB(40x)	32 dB(40x)	32 dB(40x)
DISTORTION: (THD, typical value)			
20Hz to 20Khz, 10dB below rated power	Less than 0.03%	Less than 0.03%	Less than 0.03%
20Hz to 2Khz, @ full rated power	Less than 0.03%	Less than 0.03%	Less than 0.03%
FREQUENCY RESPONSE:			
0, -1dB @ 1W RMS, 4 ohms	20Hz to 20Khz	20Hz to 20Khz	20Hz to 20Khz
0, 13dB @ rated output, 4 ohms	5Hz to 50Khz	5Hz to 50Khz	5Hz to 50Khz
DAMPING FACTOR: (Typical value)			
8 ohms, 1Khz	Greater than 300	Greater than 300	Greater than 300
SLEW RATE:	> 35V/ μs	> 35V/ μs	> 35V/ μs

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