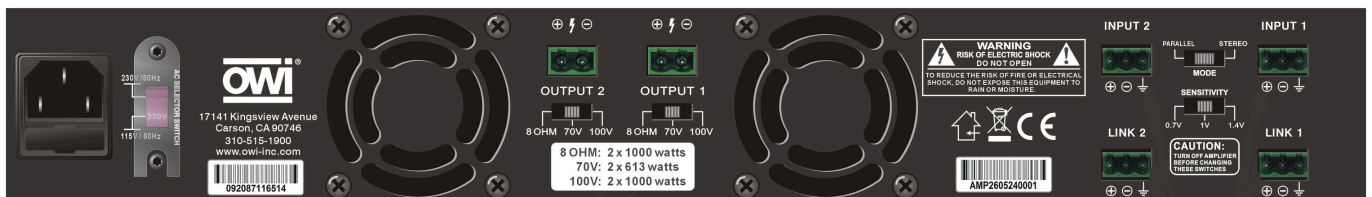




HP-AMP-2600

SPECIFICATIONS TWO CHANNEL POWER AMPLIFIER

8 OHM 70 VOLT 100 VOLT
2 x 1000 watts 2 x 613 watts 2 x 1000 watts



Description

This audio amplifier boasts high efficiency, minimizing heat dissipation while maximizing sound box performance. The output stage operates at 95% typical efficiency, consuming only 5% of input energy. This efficiency allows for lighter, more energy-efficient designs. Unlike traditional amplifiers that peak efficiency at maximum power output, this series maintains efficiency across output levels, reducing heat output significantly.

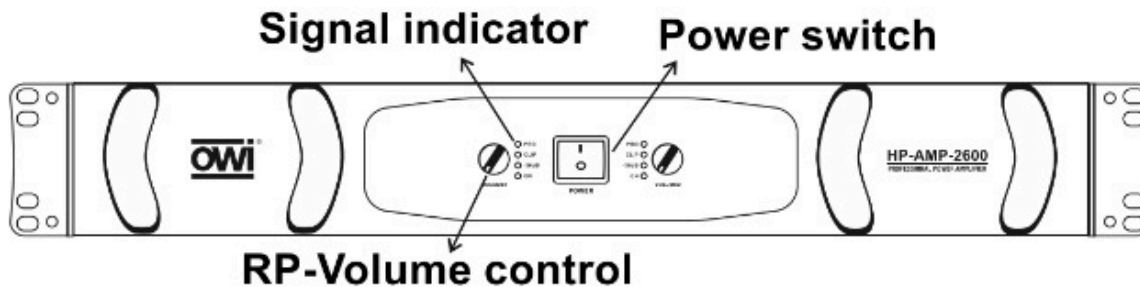
Its power output is independent of level, with music typically at 40% peak power density. This results in up to ten times less heat generation compared to other amplifiers under equivalent sound pressure levels. The amplifier delivers clear high and pure low frequencies, accurately reproducing audio signals with ultra-low Total Harmonic Distortion (THD), optimized frequency response, wide bandwidth, and effective damping for superior performance in various applications.

Protection Features

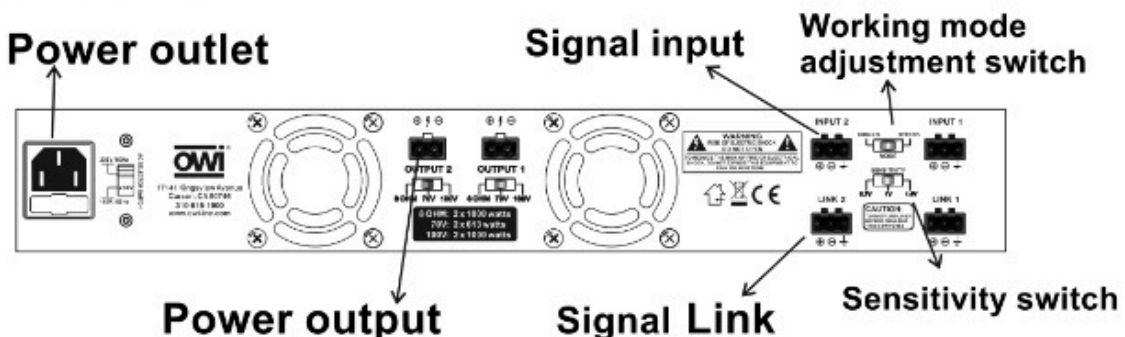
- Overload protection: when amplifier channel output current exceeds specified peak current output, protector will limit current to specific range.
- Over voltage protection: when working voltage is lower of higher than the specified range, power goes into protection mode and turns off the power supply.
- Power control: Connected speakers can operate safely within power requirements
- Temperature protection: Monitors the temperature of the power amplifier heat sink and power supply at the same time.

Model Diagram

Front panel: (2CH)



Rear panel: (2CH)



Specifications

Model	HP-AMP-2600
Out Power (8Ω)	1000W x 2
Out Power (4Ω)	1500W x 2
Output (70 Volt)	613W x 2
Output (100 Volt)	1000W x 2
Output Circuit Type	CLASS D
Input Impedance	20KΩ
Frequency Response	20Hz - 20KHz
THD 20Hz - 20KHz (8Ω)	0.1 %
Slew Rate	40V/μsec
Signal-to-noise ratio	103 dB
Damping coefficient (8Ω)	> 400
Radiator	High/Low Automatic Control
Safeguard	DC protection/ Overloading protection/Soft start/Short circuit protection
Weight (kg)	5.1 Kg
Dimension (mm)	480 x 299.5 x 64 (1.5U)
Power Range	(115V/230V) Can offer different voltage according client's requirement