

# Class AB Power Amplifier

HPA1240N



## DESCRIPTION:

The range of power amplifiers are designed for general commercial and industrial public address applications. Rack mount design in 2U type, rated power of 240W, which provides a wide selection to meet different size sound system needs. Both balanced and unbalanced line inputs make it selectable for installer, balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and longer distance. 70V, 100V and 4-16ohm speaker outputs are convenient for installation when selection different speaker matching. A master volume control is included. Complete protection includes clip, short circuit, high temp and overload. Indicators for power, signal, clip, protection and temp.

## FEATURE:

- Rack mount PA 100 Volt amplifier in 2U type
- Rated power of 240W.
- 70V, 100V and 4-16-ohm speaker outputs
- Isolated transformer for human safety operation
- Balanced XLR type line input and unbalanced Mono jack line
- Balanced XLR type line output feeds to another power amplifier
- Reliable protection of over heat, over load, clip & short circuit
- Indications for power, signal, clip, protection and temp

## SPECIFICATION:

Model	HPA1240N
Description	Public Address System Power Amplifier
Rated Power Output	240W
Speaker Output	100V,70V, 4-16 $\Omega$
Input	10k ohms ( $\Omega$ ) <1V, Unbalanced Mono jack and balanced XLR input
Output	10k ohms ( $\Omega$ ) 0.775V (0 dB), Unbalanced Mono jack and balanced XLR output
Frequency Response	60-15KHz
S/N Ratio	>70dB
THD	Less than 0.1% at 1KHz, 1/3 rated power
Cooling System	Fan auto open when internal temp reaches 55°C
Protection	Temp, overload, sgort cuircuit & clip
Power Supply	AC230V or 110V, 50-60Hz
Power Consumption	324 W
Dimension	848 x 366 x 88 mm
Weight	12 kg

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