

Tel.: +86 20 39388220

Web: <http://www.rhaudiopa.com/>

Fax: +86 20 31072811

Email: [info@rh-audio.net](mailto:info@rh-audio.net)

## Public Address System 4 Channel Amplifier



[RH-AUDIO](#) 4 channels professional power amplifier is a four channel professional audio power amplifier. It is based on the efficient and safe heat distribution structure. It uses a mature and concise output level circuit, with accurate and perfect detection and protection control. It is designed based on the excellent reliability as the target. In particular, the innovative design of zero temperature difference temperature control and intermediate frequency (human voice) threshold correction function makes the product performance more efficient. The features of high reliability, high power output and durable, lightweight and compact make it the first choice for the multi-functional use of engineering.

Advanced switching power technology and pulse width modulation technology (PWM) can provide high quality sound effect, continuous power, more than 95% conversion efficiency and higher work effect for the loudspeaker. It really achieves the purpose of saving energy and environmental protection, reducing electricity consumption. The power factor correction technology has the low power consumption, wider work power and more stable working state. It has low noise axial flow fan and comprehensive protection circuit which includes: DC, infrasound, high frequency, limit, overheating, short circuit protection. It has small volume, light weight, compact volume, and all models have only 1U rack.

The Public Address System 4 Channel Amplifiers are designed for background music/paging and public address system installations, these units are exceptional values, loaded with features, and are easy to install in a variety of system designs.

The 4-channel power amplifier features two channels for four channel speaker selector individually, with four groups of either 70/100-volt or 4 to 16 ohms( $\Omega$ ) output loads.

And features complete protection is provided for output short circuit, overload, high temperature, peak current limiters.

Characteristics & Advantages:

Recoverable power overload protector.



Guangzhou Xinghongde Electronics Technology Co.,Ltd.

Tel.: +86 20 39388220  
Fax: +86 20 31072811

Web: <http://www.rhaudiopa.com/>  
Email: [info@rh-audio.net](mailto:info@rh-audio.net)

The power supply opens the surge current limit.

A variety of protection technologies, from products to systems all have wide security protection.

Built-in visual, RF filtering, ultrasonic filtering. Filter out digital sound and other equipment to the high-frequency harassment of the machine, high frequency is more delicate, gentle, warm.

The level between stages is precisely matched with low thermal noise and high signal-to-noise ratio.

Driving Capacity:

The power amplifier has 4 independent amplifying channels, and each channel is suitable for driving 4 load.

When each channel drives 4 or more than 4 Ohms, all signals are allowed to operate at a peak factor (CF) greater than 2.83.

When each channel drives 8 or more than 8 Ohms, all signals are allowed to operate at a peak factor (CF) greater than 2.

The characteristics of [multi channel power amp](#):

- ※ 2U aluminium panel.
- ※ With 4 channel speaker selectors.
- ※ 4 line inputs.
- ※ Individual volume controller for each zone.
- ※ 4 groups of 70V, 100V and 4~16Ω output loads.
- ※ Output short circuit, overload, high temperature protection.

The specifications of [multi channel power amp](#):

Rated Power	4*60W	4*120W	4*180W	4*250W
Output	4-16 ohms(Ω),70V,100V			
Input Sensitivity	10KΩ 260~470mV ,unbalanced			
AUX Output	0.775V (0 dBV)			
Frequency Response	60 Hz ~ 15k Hz (± 3 dB)			
THD	<0.5% at 1kHz,1/3 rated power			
S/N	≥85 dB			



Tel.: +86 20 39388220

Web: <http://www.rhaudiopa.com/>

Fax: +86 20 31072811

Email: [info@rh-audio.net](mailto:info@rh-audio.net)

Cooling	DC 12V FAN			
Indicator	'PROTECT', 'TEMP', 'SIGNAL'			
Fuse	AC FUSE×8 A	AC FUSE×10A	AC FUSE×12A	AC FUSE×15A
Controls	4 volume controls,1 power			
Power Consumption	360W	680W	950W	1480W
Dimension	89(H)×483(W)×366(D) mm			
Net Weight	13.5 Kg	18.5 Kg	19.8 Kg	22.5 Kg
Packing Size	89(H)*483(W)*366(D)MM			

