

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

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

## Audio Preamplifier with Chime Tone



The [100v Line Mixing Amplifier](#) is used in the last stage of the transmitter, which is used to amplify the frequency of the high frequency modulated wave signal to satisfy the request of the transmission power, and then radiate it into the space through the antenna, which ensures that the receiver can receive the satisfactory signal electrical level in a certain area, and does not interfere with the communication of the adjacent channels.

[100 Volt Line Power Amplifier](#) is an important component of the transmitting device in communication system. It is divided into narrow band high power frequency amplifier and wide band high power frequency amplifier according to the bandwidth of its working band. Narrow band high power frequency amplifier usually uses frequency selective circuit that can select frequency and filter the waves as output circuit, so it is also called tuned power amplifier or resonant power amplifier. And the output circuit of wide band high power frequency amplifier is the transmission line transformer or other broadband matching circuit, so it is also called a non tuned power amplifier. High power audio amplifier is a kind of energy converter. It converts DC power supplied by power supply into high frequency AC output, which has been learned in the course of "low frequency electronic circuit". The amplifier can be divided into class A (conduction angle =  $360^\circ$ ), class B (conduction angle =  $180^\circ$ ), and class AB (conduction angle =  $180^\circ\sim 360^\circ$ ) according to the difference of electrical current conduction angle.

[RH-AUDIO](#) PA Rack-mount Audio Preamplifier with Chime Tone is 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 PA Pre Amplifier supports power amplifiers to work, features muting function that MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB dB attenuation.

Built-in CHIME and SIREN circuitry with pushbutton on front panel.

Fire Alarm Connection: On the rear of the amplifier, there is a 'Priority' input for the direct connection of a fire alarm system.



**RH-AUDIO** Guangzhou Xinghongde Electronics Technology Co.,Ltd.

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This will mean when the fire alarm sounds, the amplifier and speakers will mute, ensuring an emergency evacuation can take place.

- ※ Aluminium alloy panel with standard 19" 2U height.
- ※ Built-in CHIME & SIREN circuitry.
- ※ 5 MIC inputs, 3 AUX inputs, 2 EMC input, 4 AUX outputs.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller, BASS and TREBLE tone controller.
- ※ EMC1,2 have priority over all inputs except MIC1.

Model	RH2811P
MIC Input	MIC 1,2,3,4,5: 18mV/600 ohms, Unbalanced
AUX Input	AUX 1,2,3: 200mV/10k ohms, Unbalanced
EMC Input	EMC 1,2: 1.5V/10k ohms, Unbalanced
Tone	BASS:±10dB at 100Hz,TREBLE:±10dB at 10KHz
Frequency Response	20Hz - 20KHz
S/N Ratio	MIC 1,2: 70dB; AUX 1,2,3: 80dB
THD	Less than 0.1%
Muting Function	MIC 1 overrides other input signals with 0-30 dB attenuation,EMC1,2 overrides all inputs except MIC1
LED Indicators	POWER
Protection	AC fuse
Power Requirements	Optional
Power Consumption	50W
Dimensions (W×D×H)	483(W)×366(D)×89(H)mm
Packing Size	185(H)×520(W)×435(D)mm
Net Weight	6Kg
Gross Weight	7.8Kg

