

RH-AUDIO COMMERCIAL SOUND SYSTEM



XINGHONGDE ELECTRONICS TECH .CO.,LTD.



Guangzhou Xinghongde Electronics Technology Co.,Ltd (Brand: **RH-AUDIO**) develops, manufactures, and markets highly reliable sound products of Commercial Sound System.

RH-AUDIO was incorporated in the year 2006 and began his business of manufacturing commercial PA sound system, providing applications of sound reproduction/reinforcement for a variety of venues such as conference halls, shopping malls, school auditoriums, churches, commercial buildings, industrial sites, gardens, or an entire outdoor complex, etc.

On the way from beginning to now, we did not stop to be committed to serving our customers and providing them with more service in the business, thanks to the in-depth experience accumulated in the past time, and based on newly most advanced technology, we strive to keep the concept allowing you to truly enjoy a superb experience of technological revolution.

From the start, **RH-AUDIO** has striven to push the technology development, we do so by developing and manufacturing our products for markets looking for the most bang-for-the-buck, please take a moment to look over our entire product line, get involved with our innovation and share in the excitement.

Quality statement:

RH-AUDIO is committed to supply the customers with innovative products and services that conform to their requirements, our objective is always to meet or exceed their expectations.

RH-AUDIO is ISO9001 registered, we are committed to effective Quality Management at every level within the business.

As we believe that this is critical to the success of our customers and products, the key elements of this strategy are:
A strong management commitment to quality.

Recruitment and retention of high calibre, experienced, well trained staff.

Appropriate documented processes, procedures and controls.

An ethos of continual improvement and challenge.

Meeting all necessary legal and regulatory requirements.

Our mission statement:

Honesty and respect with our customers.

Efficiency and austerity in the use of our resources.

Creativity in the development of methods and ideas.

Working in team to achieve the best working environment.

Pledge of allegiance and solidarity with us and the environment.

Service statement:

RH-AUDIO takes "customer-oriented" as our guiding philosophy.



CONTENTS

<i>IP Network PA System</i>	01-12
<i>Intelligence PA System</i>	13-23
<i>PA Amplifier Series</i>	24-41
<i>Audio Source Series</i>	42-46
<i>Active Speaker Series</i>	47-49
<i>PA Speaker Series</i>	
<i>Column Speaker</i>	50-51
<i>Wall Mount Speaker</i>	52-53
<i>Ceiling Speaker</i>	54-55
<i>In-wall Speaker</i>	56
<i>Horn Speaker</i>	57
<i>Projection Speaker</i>	58
<i>Pendant Speaker</i>	58
<i>Garden Speaker</i>	59-60
<i>Volume Control & Rack</i>	61

Public Address System
Commercial Sound System



CCC



CCC



CCC



CE



ISO 14001:2004



OHSAS 18001:2007



ISO 9001:2008



RoHS



ISO 14001:2004



OHSAS 18001:2007



ISO 9001:2008



FCC



RH-AUDIO PATENT



RH-AUDIO PATENT



RH-AUDIO PATENT



RH-AUDIO PATENT



IP Network PA System

The RH-AUDIO PA System over IP refers to PA paging and intercom systems that use an IP network instead of a centralized amplifier to distribute the audio signal to paging locations across a building or campus, or anywhere else in the reach of the IP network. Network-attached amplifiers and intercom units are used to provide the communication function. At the transmission end, a computer application transmits a digital audio stream via the local area network, using audio from the computer's sound card inputs or from stored audio recordings. At the receiving end, either specialized intercom modules (sometimes known as IP speakers or terminals) receive these network transmissions and reproduce the analog audio signal. These are small specialized network appliances addressable by an IP address just like any other computer on the network.

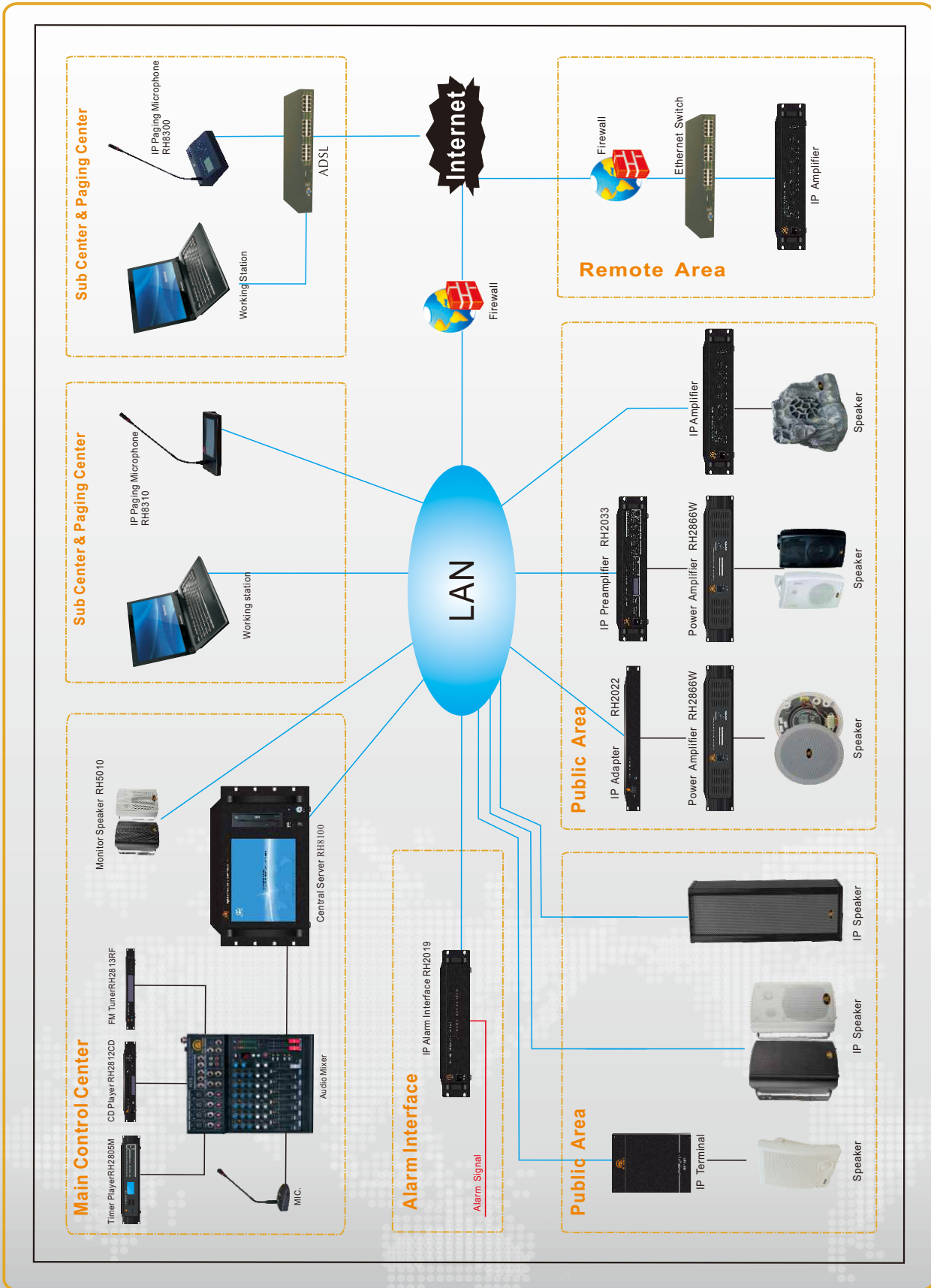
Such systems are inter-connected by the networking infrastructure and thus allow loss-less transmission to remote locations across the Internet or a local area or campus network. It is also possible to provide for multiple or relocatable transmission control stations on such a network.

The features and benefits are:

- ※ Dynamic grouping of zones, with no fixed limit on the number of pre-defined groups or the number of members within the group.
- ※ Public address controllers can connect standard Public Address amplifiers to the IP communication system.
- ※ High quality digital background music (BGM) support for in-house music distribution.
- ※ Special software application provides customisable floor plan or schematic views on a touch screen PC workstation.
- ※ Provides a digital message store, playback and recording of announcements with no fixed limits on duration or capacity.
- ※ The IP microphone provides flexible options of paging/announcement to every single zone, or group of zones, or all zones.
- ※ 24-hour time schedule and independent volume and tone controls for each output pre-set through the software for daily routine, special events music broadcasting, such as festival, exam and work.
- ※ Alarm Interface supports emergency broadcasting in cases of natural calamity, threats, fire and evacuation of people.
- ※ Within an intercom system master stations allow an operator to select any combination of predefined groups to direct an announcement to. This allows intercom slave stations to function as a "mini-PA" system.
- ※ As a standalone PA system within a building or campus and integrated with its structured cabling system or existing data networks.
- ※ The system can be easily expanded in the future by adding more IP PA equipments.



IP System Connection Illustration



Digital Network Main Controller

RH8100

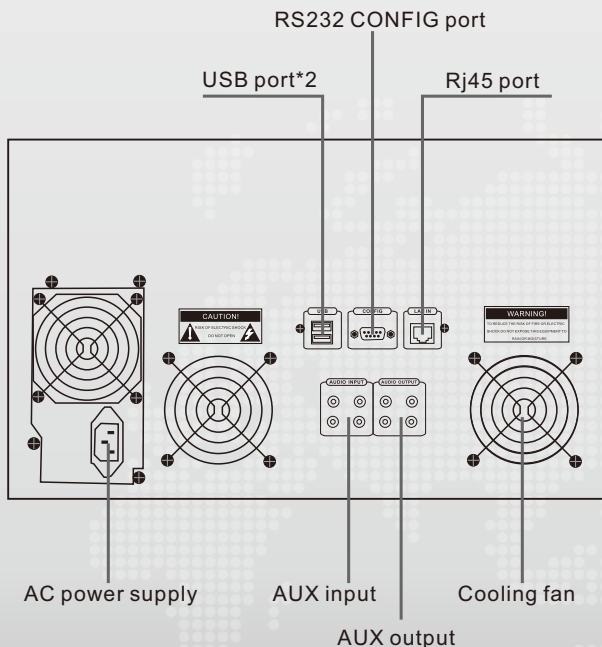
Picture



Features

- ※ Rack installing design with 6U height.
- ※ Built-in CD and USB players.
- ※ 12.1 inch touch screen.
- ※ TFT262111 pure color.
- ※ 1280*1024 resolution LCD resistance-type, (Four-line) Touch screen.
- ※ Key will be needed to turn on the front panel, ensure the operation safety.
- ※ The software runs on the main controller, manages the system and provides digital voice quality sound wherever you need it.
- ※ With big capacity of program storage, upload and process program from many audio sources.
- ※ Managing program library and supply program for network terminals and achieve timing playing and and real-time program ordering, response to request real-time program ordering, response to request from network terminals.
- ※ No restriction to transmission distance and tens of or hundreds of audio sources.
- ※ The network PA system center is able to connect to multiple terminals, such as play terminals, on-demand terminals, paging terminals, amplifier terminals, emergency alarm terminals etc.
- ※ Widely used for any kind of public areas with complex inter-building distribution and scheduling needs such as airports, ports, universities, schools, large gathering sites, stadiums, industrial parks, parks, railways, highways, etc.

Connection Illustration



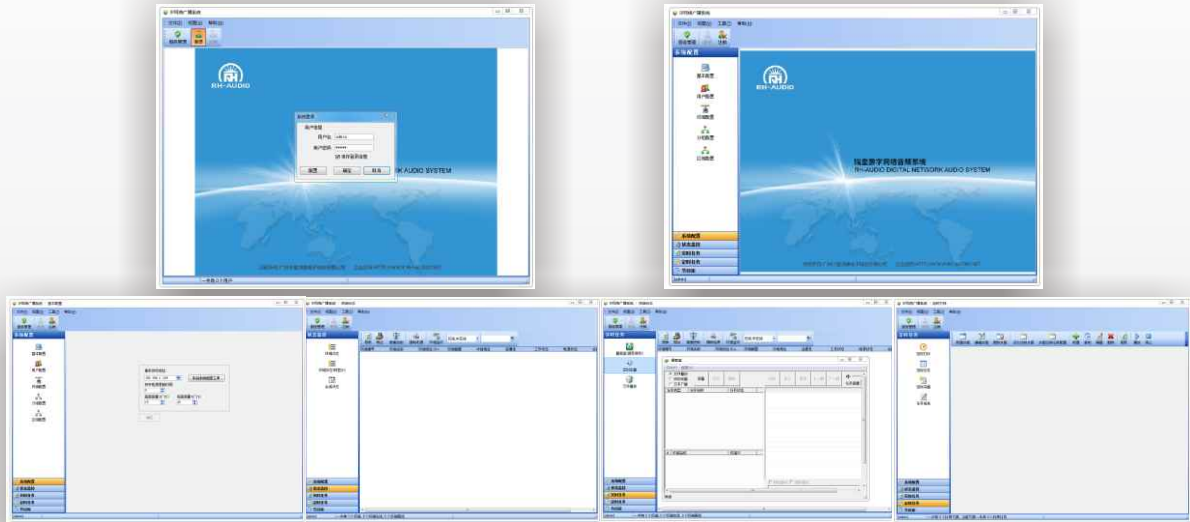
Specifications

- ※ 12.1 inch touch screen.
- ※ Color way: TFT262111 pure color.
- ※ 1280*1024 resolution LCD resistance-type screen.
- ※ Working condition:
Environment temperature 5°C ~ 50°C ;
Environment temperature 20% ~ 80%.
- ※ Mainboard : ASUS H81M-D.
- ※ 4 channels input and output sound card.
- ※ 2×PS/2 interface 2×series port 1× Parallel port 1×VGA4.
- ※ 128GB SSD 7200 rotation IDE Hard disk.
- ※ SATA DVD-ROM CD driver.
- ※ DDR3 4G EMS memory.
- ※ Main board integration 10-100M 100M network card.
- ※ CPU Inter celeron G4810 Sempron 2500+.
- ※ System audio signal/noise ratio: LINE: 70dB; MIC: 60dB.
- ※ System audio signal distortion : 1KHz < 0.5%.
- ※ Power supply: AC220V ± 10% 50-60Hz.
- ※ Weight 15kg.
- ※ Dimension (WxHxD) : 484X300X310MM.

Digital Network Audio System Softwares

📞 Main Computer Software **RH8000**

Management for whole pa system, supports operation system Win98~Win8.1.
Contains 7 sub service systems.



APP For Mobile Devices

📞 Android Mobile APP **RH8001**

Android Pad APP **RH8002**

With this APP user can send on-demand request to central controller and play programs to IP terminals.
Can send voice message to IP terminals, even upload audio source from mobile devices.



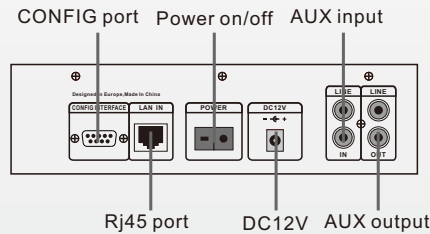
Digital Network Remote Microphone **RH8300**

Picture



Specifications

- ※ Network port: standard Rj45.
- ※ Power supply: DC12V/3A.
- ※ Mic. sensitivity: 10mV.
- ※ Sampling rate: 8K-48KHz.
- ※ Transmission rate: 10/100Mbps.
- ※ Built-in speaker: 3W/8 ohm.
- ※ Frequency response: 40Hz~20KHz.
- ※ T.H.D: ≤1%.
- ※ S/N: >70dB.
- ※ Power consumption: ≤1W.
- ※ Dimension: 40 × 165 × 55 mm.
- ※ Weight: 2.2Kg.

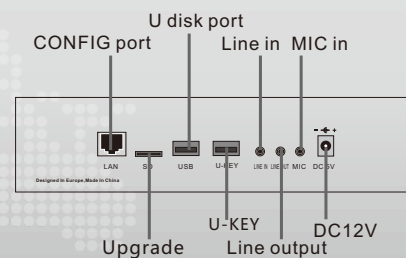


Digital Network Remote Microphone **RH8310**

With touch screen



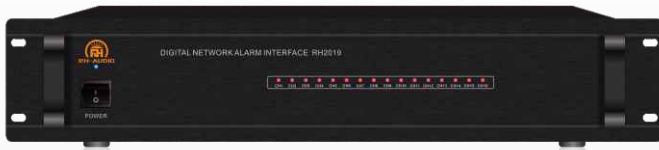
- ※ Network port: standard Rj45.
- ※ Power supply: DC12V/3A.
- ※ Mic. sensitivity: 10mV.
- ※ Sampling rate: 8K-48KHz.
- ※ Transmission rate: 10/100Mbps.
- ※ Built-in speaker: 3W/8 ohm.
- ※ Frequency response: 40Hz~20KHz.
- ※ T.H.D: ≤1%.
- ※ S/N: >70dB.
- ※ Power consumption: ≤1W.
- ※ Dimension: 240 × 155 × 55 mm.
- ※ Weight: 2.0Kg.



Digital Network Alarm Interface

RH2019

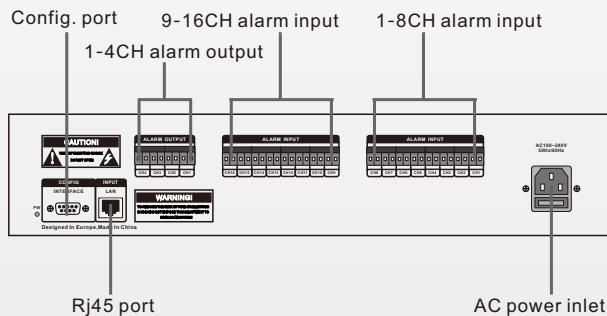
Picture



Features

- ※ Rack installing design with 2U height.
- ※ Standard Rj45 network port.
- ※ 16 inputs for fire alarm signals.
- ※ 16 LED meters for indicating alarm status.
- ※ 4 channels of alarm outputs.
- ※ Deals with the incoming Fire Alarm signals from the detection equipments then sends them out through network cable to Central Control for Emergency declaration.

Connection Illustration



Specifications

- ※ Power supply: AC220V ± 10% 50-60Hz.
- ※ Stand by power consumption: ≤1W.
- ※ Alarm input: 16 channels.
- ※ Alarm output: 4 channels.
- ※ Support protocols: UDP, TCP/IP, IGMP.
- ※ Audio bit rate: 8Kbps~320Kbps
- ※ Sampling rate: 8K~48KHz
- ※ Audio format: MP3
- ※ Transmission rate: 10/100Mbps.
- ※ Net delay: ≤50ms
- ※ Working environment temperature: 5°C ~ 40.
- ※ Working environment humidity: 20% ~ 80%.
- ※ Dimension: 485 x 365 x 89 mm.
- ※ Weight: 6.5 Kg.

Digital Network Remote Control

RH80WR

Picture



Features

- ※ Remotely control network terminals such as network amplifier, network speaker etc.
- ※ ABS enclosure, compact size.
- ※ Long workable distance up to 1000 meters.
- ※ 12 buttons for 12 tasks pre set for terminals: to realize playing audio programs remotely to terminals.
- ※ 6 buttons for functions for PAUSE, STOP, PRE., NEXT, VOL+, VOL-.

Specifications

- ※ Communication protocol: RS-232.
- ※ Baud rate: 9600bps.
- ※ Power consumption: ≤5W.
- ※ Power supply: DC9V/0.5A.

Digital Network Terminal Series

Picture



RH1100

2CH Network Terminal 2x15W

- ※ Wall mount installation.
- ※ Support protocols:UDP,TCP/IP,IGMP.
- ※ Standard network port Rj45.
- ※ 2 channel D type amplifier 2x15W.
- ※ 1 audio output for additional amplifiers.
- ※ 1 local line input,1 local microphone input.
- ※ Frequency response: 80Hz~16KHz.
- ※ Sampling rate: 8K~48KHz.
- ※ Audio format: MP3.
- ※ Transmission rate: 10/100Mbps.
- ※ Working environment temperature:5°C ~ 40.
- ※ Working environment humidity:20% ~ 80%.
- ※ Power supply: AC220V ± 10% 50-60Hz.
- ※ Dimension: 180x250x50mm.
- ※ Weight: 1.46 Kg.



RH1200



2CH Audio-on-demand Network Terminal 2x15W

- ※ Wall mount installation.
- ※ Support protocols:UDP,TCP/IP,IGMP.
- ※ Standard network port Rj45.
- ※ 2 channel D type amplifier 2x15W.
- ※ 1 audio output for additional amplifiers.
- ※ 1 local line input,1 local microphone input.
- ※ Frequency response: 80Hz~16KHz.
- ※ Sampling rate: 8K~48KHz.
- ※ Audio format: MP3.
- ※ Transmission rate: 10/100Mbps.
- ※ Working environment temperature:5°C ~ 40.
- ※ Working environment humidity:20% ~ 80%.
- ※ Power supply:AC220V ± 10% 50-60Hz.
- ※ Dimension:180x250x50mm.
- ※ Weight: 1.46 Kg.



RH1300



2CH Audio-on-demand Network Terminal 2x15W Built-in talkback module

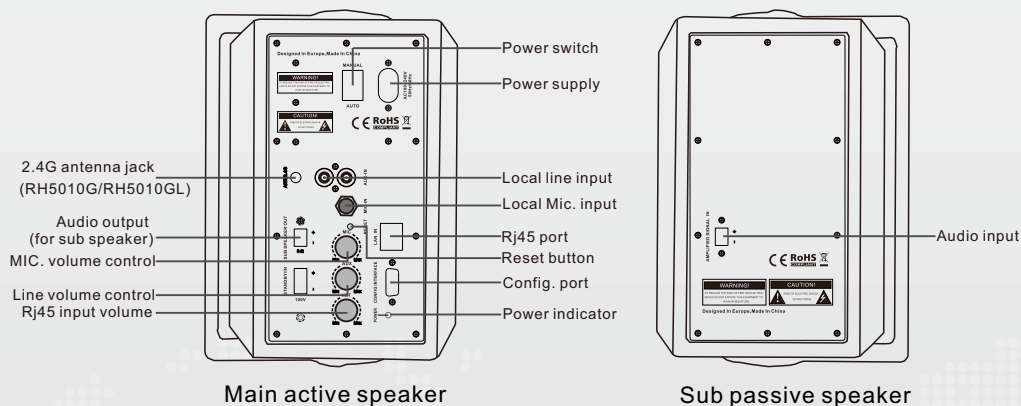
- ※ Wall mount installation.
- ※ Support protocols:UDP,TCP/IP,IGMP.
- ※ Standard network port Rj45.
- ※ 2 channel D type amplifier 2x15W.
- ※ 1 audio output for additional amplifiers.
- ※ 1 local line input,1 local microphone input.
- ※ Frequency response: 80Hz~16KHz.
- ※ Sampling rate: 8K~48KHz.
- ※ Audio format:MP3.
- ※ Transmission rate: 10/100Mbps.
- ※ Working environment temperature:5°C ~ 40.
- ※ Working environment humidity:20% ~ 80%.
- ※ Power supply:AC220V ± 10% 50-60Hz.
- ※ Dimension:180x250x50mm.
- ※ Weight: 1.46 Kg.

Network Active Wall Mount Speaker 2*20W

- Picture**
- RH5010:** Basic functions
 - RH5010L:** With built-in memory card for off-line playing
 - RH5010G:** With 2.4G wireless microphone
 - RH5010GL:** With built-in memory card for off-line playing & 2.4G wireless microphone



Connection Illustration



Features & Specifications

- ※ Built-in D type digital amplifier.
- ※ Two way system with separate woofer and tweeter.
- ※ Support protocols of UDP, TCP/IP, IGMP.
- ※ aluminium top and bottom plates are fully dust free and
- ※ Standard Rj45 network port.
- ※ Local line audio input.
- ※ Local microphone input.
- ※ Individual volume control for each input.
- ※ ABS enclosure, metal grille, metal bracket.
- ※ Black and white color available.
- ※ metal mounting brackets.
- ※ Suitable for commercial applications such as the sound reproduction in areas such as schools, conference rooms, shopping malls, restaurants, factories, gymnasiums etc.
- ※ Network port: standard Rj45.
- ※ Support protocols: UDP, TCP/IP, IGMP.
- ※ Audio format: MP3/MP2.
- ※ Sampling rate: 8K-48KHz.
- ※ Transmission rate: 100Mbps.
- ※ Audio quality: 16 digit, CD grade timbre .
- ※ Frequency response: 80Hz~16KHz.
- ※ T.H.D: ≤1%.
- ※ S/N: >70dB.
- ※ Woofer unit: 5" x1.
- ※ Tweeter unit: 1" x1.
- ※ Power consumption: ≤30W.
- ※ Power supply: AC220V ± 10% 50-60Hz.
- ※ Dimension: 245×162×182mm .

Network Active Column Speaker

Waterproof IP65

Picture



Features

RH6030 (30W)
RH6060 (60W)

RH6030L (30W): Supports OFFLINE PLAYING
RH6060L (60W): Supports OFFLINE PLAYING

- ※ Built-in D type digital amplifier.
- ※ Two way system with separate woofer and tweeter.
- ※ All metal extruded aluminum alloy enclosure with cast aluminium top and bottom plates are fully dust free and waterproof IP65 rated, suitable for in/outdoor use.
- ※ RH6030L/RH6060L with 4G memory to support saving datas for offline playing.
- ※ Standard Rj45 network port.
- ※ Support protocols of UDP,TCP/IP,IGMP.
- ※ Easy and secure installation through the supplied strong metal mounting brackets.
- ※ Are suitable varied applications such as stations,gardens, swimming pools,stadiums,and tennis courts,etc.

Specifications

RH6030/RH6030L

- ※ Network port: standard Rj45.
- ※ Support protocols:UDP,TCP/IP,IGMP.
- ※ Audio format: MP3/MP2.
- ※ Sampling rate: 8K-48KHz.
- ※ Transmission rate: 100Mbps.
- ※ Audio quality: 16 digit,CD grade timbre .
- ※ Frequency response: 80Hz~16KHz.
- ※ T.H.D:≤1%.
- ※ S/N: >70dB.
- ※ Woofer unit: 6.5" x1.
- ※ Tweeter unit:1.5"x1.
- ※ Power consumption: ≤50W.
- ※ Power supply:AC220V ± 10% 50-60Hz.
- ※ Dimension: 190×175×320mm.

RH6060/RH6060L

- ※ Network port: standard Rj45.
- ※ Support protocols:UDP,TCP/IP,IGMP.
- ※ Audio format: MP3/MP2.
- ※ Sampling rate: 8K-48KHz.
- ※ Transmission rate: 100Mbps.
- ※ Audio quality: 16 digit,CD grade timbre.
- ※ Frequency response: 80Hz~16KHz.
- ※ T.H.D:≤1%.
- ※ S/N: >70dB.
- ※ Woofer unit: 6.5" x2.
- ※ Tweeter unit:1.5"x1.
- ※ Power consumption: ≤30W.
- ※ Power supply: ~220V/50Hz.
- ※ Dimension: 190×175×520mm.

Digital Network Adapter

RH2022/RH2022L

Picture



RH2022L supports OFFLINE PLAYING

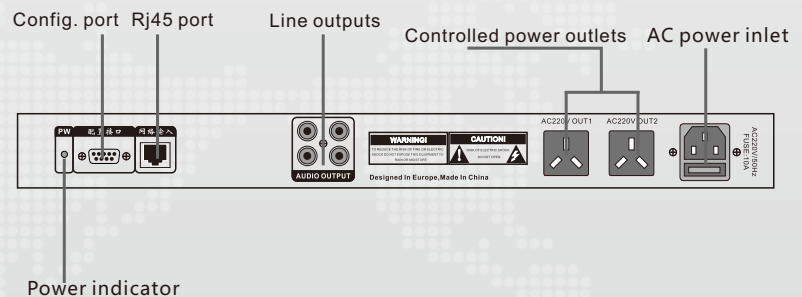
Features

- ※ Rack installing design with 2U height.
- ※ SMT circuit boards with highly stable performance.
- ※ Standard Rj45 network port.
- ※ Two controlled power outputs, power handling capacity 660W.
- ※ Support protocols of UDP, TCP/IP, IGMP.
- ※ 2 line outputs for connecting conventional power amplifiers.
- ※ With one serial port for configuration with computer.
- ※ Widely used for any kind of public areas with complex inter-building distribution and scheduling needs such as airports, ports, universities, schools, large gathering sites, stadiums, industrial parks, parks, railways, highways, etc.

Specifications

- ※ Network port: standard Rj45.
- ※ Support protocols: UDP, TCP/IP, IGMP.
- ※ Audio format: MP3/MP2.
- ※ Sampling rate: 8K-48KHz.
- ※ Transmission rate: 100Mbps.
- ※ Line input sensitivity: 470MV, RCA connections.
- ※ Audio output level: 775MV, RCA connections.
- ※ Audio output impedance: 470Ω.
- ※ Frequency response: 20Hz~20KHz.
- ※ T.H.D.: ≤0.3%.
- ※ S/N: >70dB.
- ※ Working environment temperature: 5°C ~ 40.
- ※ Working environment humidity: 20% ~ 80%.
- ※ Power consumption: ≤36W.
- ※ Power supply: AC220V ± 10% 50-60Hz.
- ※ Dimension: 485 x 365 x 89 mm.
- ※ Weight: 6.8Kg.

Connection Illustration



Digital Network Pre Amplifier

RH2033

Picture



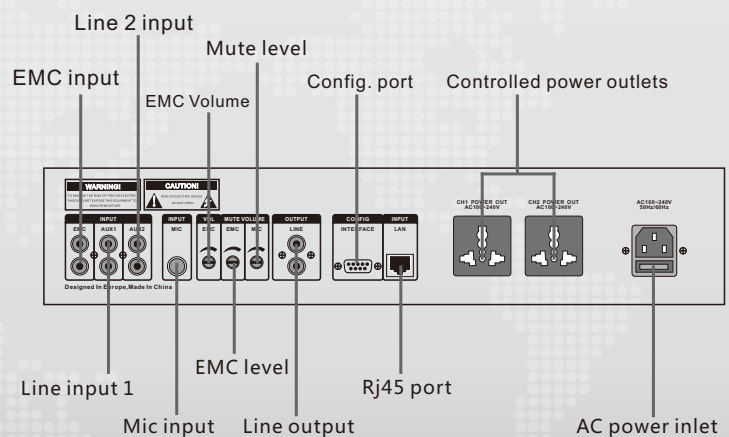
Features

- ※ Rack installing design with 2U height.
- ※ SMT circuit boards with highly stable performance.
- ※ Built-in SD & USB players.
- ※ Standard Rj45 network port.
- ※ Two controlled power outputs, power handling capacity 660W.
- ※ Support protocols of UDP, TCP/IP, IGMP.
- ※ 2 local line inputs, 1 EMC. input and 1 MIC. input, MIC input overrides other inputs.
- ※ 1 line output for connecting conventional power amplifiers.
- ※ Individual volume controller for inputs.
- ※ BASS and TREBLE tone controller.
- ※ With one serial port for configuration with computer.
- ※ Widely used for any kind of public areas with complex inter-building distribution and scheduling needs such as airports, ports, universities, schools, large gathering sites, stadiums, industrial parks, parks, railways, highways, etc.

Specifications

- ※ Network port: standard Rj45.
- ※ Support protocols: UDP, TCP/IP, IGMP.
- ※ Audio format: MP3/MP2.
- ※ Sampling rate: 8K-48KHz.
- ※ Transmission rate: 100Mbps.
- ※ Line input sensitivity: 470MV, RCA connections.
- ※ EMC input: 470MV, RCA connections.
- ※ MIC input: 5-10MV, 6.5 jack.
- ※ Audio output level: 775MV, RCA connections.
- ※ Audio output impedance: 470 Ω.
- ※ Frequency response: 20Hz~20KHz.
- ※ T.H.D: ≤0.3%.
- ※ S/N: > 70dB.
- ※ Working environment temperature: 5°C ~ 40.
- ※ Working environment humidity: 20% ~ 80%.
- ※ Power consumption: ≤36W.
- ※ Power supply: AC220V ± 10% 50-60Hz.
- ※ Dimension: 485 x 365 x 89 mm.
- ※ Weight: 6.8Kg.

Connection Illustration



Digital Network Pre Amplifier

RH2055

Picture



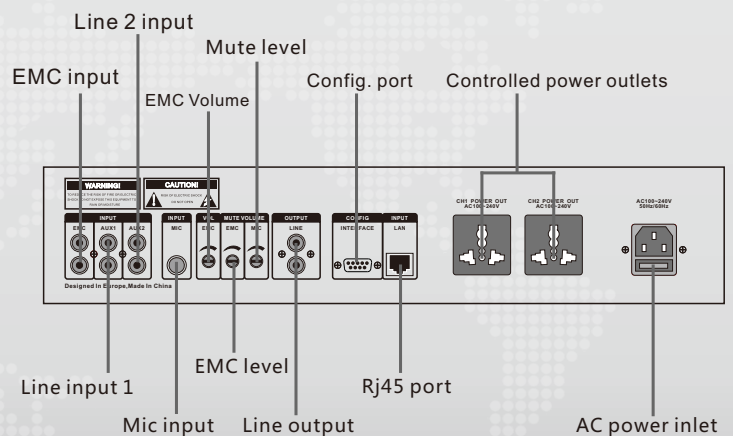
Features

- ※ Rack installing design with 2U height.
- ※ SMT circuit boards with highly stable performance.
- ※ 3.5 inch LCD screen with remote control.
- ※ Standard Rj45 network port.
- ※ Two controlled power outputs, power handling capacity 660W.
- ※ Support protocols of UDP, TCP/IP, IGMP.
- ※ 2 local line inputs, 1 EMC. input and 1 MIC. input, MIC input overrides other inputs.
- ※ 1 line output for connecting conventional power amplifiers.
- ※ Individual volume controller for inputs, and MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ With one serial port for configuration with computer.
- ※ Widely used for any kind of public areas with complex inter-building distribution and scheduling needs such as airports, ports, universities, schools, large gathering sites, stadiums, industrial parks, parks, railways, highways, etc.

Specifications

- ※ Network port: standard Rj45.
- ※ Support protocols: UDP, TCP/IP, IGMP.
- ※ Audio format: MP3/MP2.
- ※ Sampling rate: 8K-48KHz.
- ※ Transmission rate: 100Mbps.
- ※ Line input sensitivity: 470MV, RCA connections.
- ※ EMC input: 470MV, RCA connections.
- ※ MIC input: 5-10MV, 6.5 jack.
- ※ Audio output level: 775MV, RCA connections.
- ※ Audio output level: 775MV, RCA connections.
- ※ Audio output impedance: 470 Ω.
- ※ Frequency response: 20Hz~20KHz.
- ※ T.H.D: ≤0.3%.
- ※ S/N: >70dB.
- ※ Working environment temperature: 5°C ~ 40.
- ※ Working environment humidity: 20% ~ 80%.
- ※ Power consumption: ≤36W.
- ※ Power supply: AC220V ± 10% 50-60Hz.
- ※ Dimension: 485 x 365 x 89 mm.
- ※ Weight: 6.8Kg.

Connections



Network Mixer Amplifier Series **RH2070N/RH2130N/RH2260N/RH2360N/RH2500N**

Picture



Features

- ✧ Rack installing design with 2U alloy panel.
- ✧ Embedded computer technology and DSP audio processing technology.
- ✧ 70V/100V voltage and 4-16 Ohm output .
- ✧ 3 MIC. inputs and 2 LINE inputs.
- ✧ Individual volume controller inputs.
- ✧ BASS and TREBLE tone controller.
- ✧ MIC1 overrides other inputs with 0~30dB dB attenuation.
- ✧ 5 LED indicators for working status.
- ✧ 1 AUX output for additional amplifier.
- ✧ Supports protocols of TCP/IP,UDP,IGMP.
- ✧ Hifi audio balance ensure that the reduction of audio signal decoding has CD grade timbre.
- ✧ The models with “L” are built-in 4G memory, can download the scheduled programs from the central controller and realize offline playing automatically.

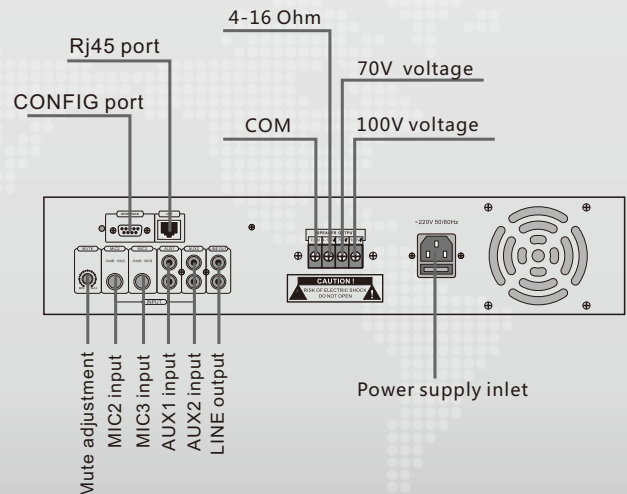
The model with “L” means to support OFFLINE PLAYING

- ✧ Rated power **60W/120W/240W/350W/500W** available.
- ✧ With one serial port for configuration.
- ✧ Supports network APP and network remote control.
- ✧ Supports local microphone and audio source inputs.
- ✧ Special power control system, standby power less than 3W.
- ✧ Highly stable performance circuit board integrated with protection circuits for output short circuit for output short circuit, overload, high temperature, and peak current limiters with a red indicator for warning on the front panel.
- ✧ Powerful TOSHIBA amplifier transistors.
- ✧ 100% pure copper toroidal transformers to ensure highly stable performance and long service life of the amplifier.
- ✧ High quality heat sink ensures to efficiently remove heat from the transistors and dissipate it into the surrounding air.
- ✧ Integrated with temperature detectors for cooling fan and protection circuit.
- ✧ Widely used for any kind of public areas with complex inter-building distribution and scheduling needs.

Specifications

Model	RH2070NL	RH2130NL	RH2260NL	RH2360NL	RH2500NL
Rated Power	60W	120W	240W	350W	500W
Network Port	Rj45				
Rate	100Mbps				
Protocols	TCP/IP , UDP , IGMP				
Audio Format	MP3/MP2				
Audio Mode	16 bits stereo, CD timbre				
Sampling Rate	8K ~ 48K				
Audio Bit Rate	8K ~ 512Kbps				
LINE OUT	775mV				
LINE OUT	470 Ω				
EMC Sensitivity	470mV unbalanced				
AUX Sensitivity	470mV unbalanced				
MIC Sensitivity	5~10mV unbalanced				
Treble	±12dB				
Bass	±12dB				
Power Consumption	95W	175W	350W	486W	675W
Standby Consumption	< 3W				
Frequency Response	60Hz~18KHz				
T.H.D	≤0.5%				
S/N	≥75dB				
Output Terminals	4-16 ohms low impedance;70V/100V voltage				
Protections	Short circuit;overload;high temperature				
Working Condition	Environment temperature 5°C ~ 40°C				
Working Condition	Environment Humidity 20% ~ 80%				
Power Supply	AC220V ± 10% 50-60Hz				
Dimensions	485x365x89mm				
Wight	10.04kg	11.36kg	13.68kg	14.08kg	15.58Kg

Connection Illustration



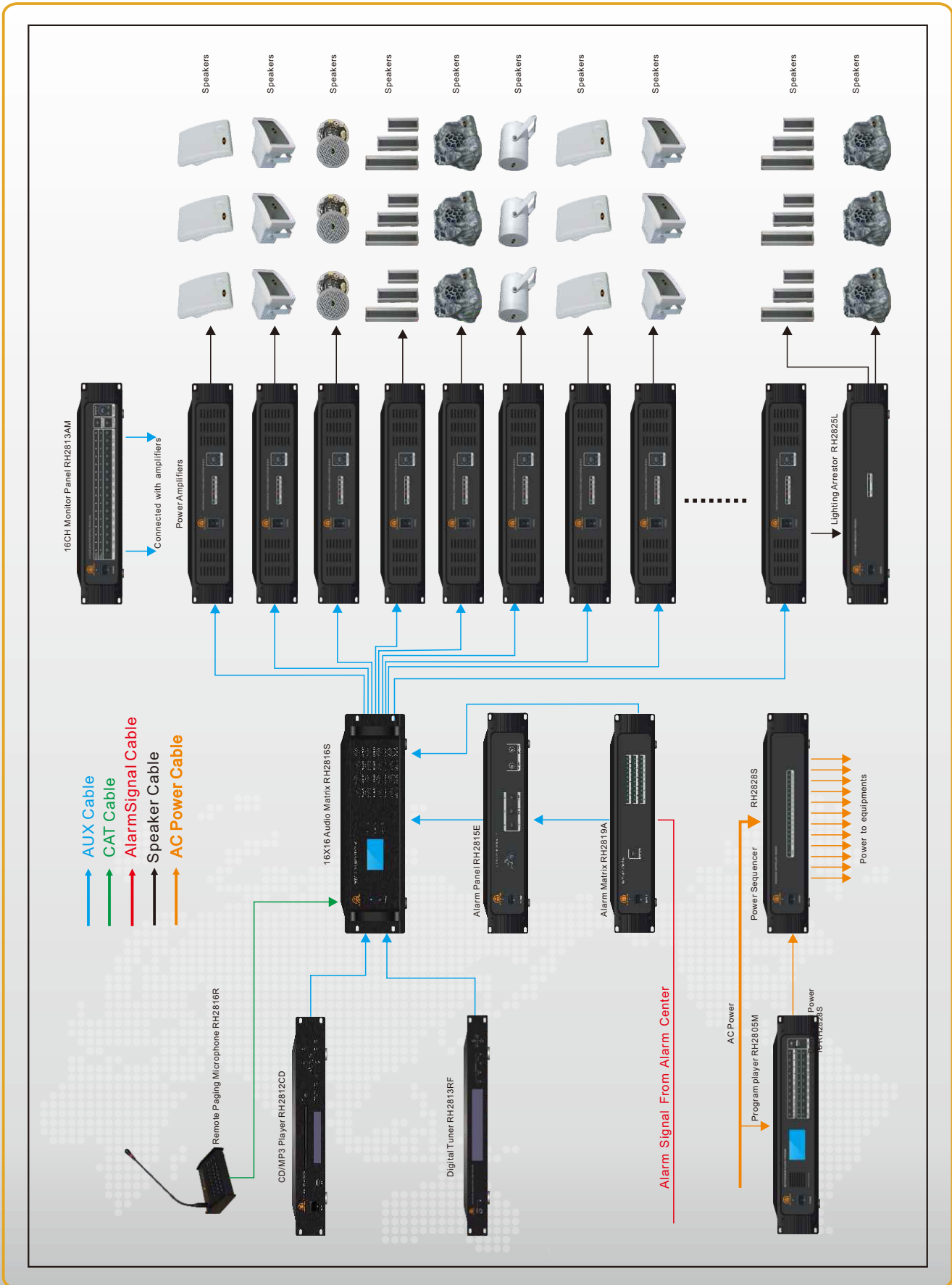


Intelligence Public Address System

- ※ Background Music
- ※ Remote Paging System
- ※ Voice Evacuation System
- ※ Weekly Schedule Management

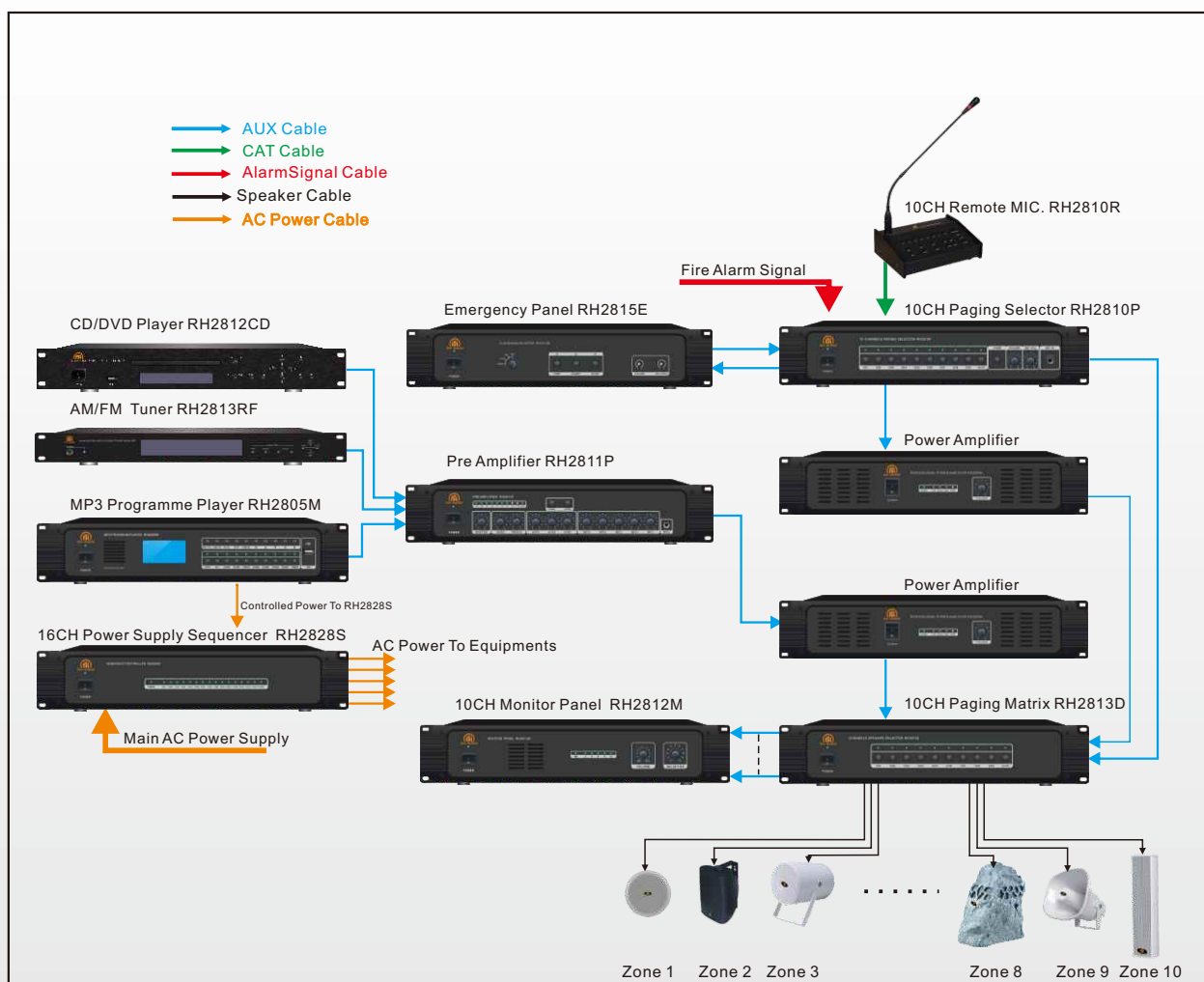


16 Zone Public Address System (System can be expanded up to 64 zones)



INTELLIGENCE PA SYSTEM

10 Zone Public Address System (System can be expanded up to 64 zones)



The 10 zone pa sound system mainly include background music,remote zone paging system, voice evacuation system. Applicable for offices,hospitals,schools,shopping malls,commercial buildings etc.

- ※ **Background Music:** CD/DVD/MP3(USB)/FM/AM audio source are available.
- ※ **Remote Paging System:** The remote paging microphone uses CAT5 cable connection, communication distance up to 1kms.The spokesman can speech to individual zone, group zones and all zones at the paging station.
- ※ **Voice Evacuation System:**The PA system contacts inputs from fire center or smoke detector to activate the built-in pre-recorded voice message. And the emergency alarm system with highest priority to override paging and background music, it will broadcast the pre-recorded voice alarm message to all zones.
- ※ **Weekly schedule Management:**The whole PA system can be switched on/off according to the scheduled time pre-set via RH2805M. And the background music or pre-recorded voice can be played/stopped according to the scheduled time pre-set.

16 Zone Audio Matrix

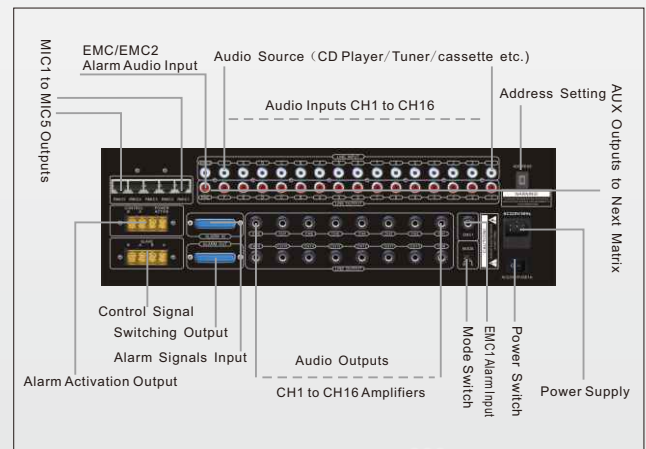
RH2816S



Features

- 16X16 Digital Audio Matrix (3U panel).
- ※ With LCD screen in English menu.
- ※ With volume control for each zone.
- ※ This control unit integrates 16 source inputs, 16 amplifier outputs and a priority bus interface. it can mute background music whenever it has received priority input signals for zone paging and emergency alarms.
- ※ LCD display and for convenient operation program schedules.
- ※ Priority bus for zone paging and emergency alarms.
- ※ Several paging modes (all zones, group zones, or individual zone) could be achieved through this paging console.

Connection Illustration



Specifications

Model	RH2816S
Line Input	16 Channels: CH1~CH16
Line Output	16 Channels: CH1~CH16
CUT Input	10K ohms(Ω)330mV, unbalanced
Line Input Sensitivity	10K ohms(Ω)330mV, unbalanced
Line Output Level	LINE: 10K ohms(Ω)0.775V(0dB), unbalanced
Frequency Response	60Hz~16KHz
Alarm Activation Input	(0V)Shortcut signal ALARM IN:CH1~CH16
Alarm Activation Input	(0V)Shortcut signal ALARM IN:CH1~CH16
EMC1 Input	10k ohms(Ω) 330mV , unbalanced
Protection	AC FUSE/1A X1
Power Supply	AC220V ± 10% 50-60Hz
Power Consumption	< 15W
N.W	6.8kg
Dimension	90(H)x483(W)x350(D)mm

16 Zone Remote Paging Microphone

RH2816RS



Specifications

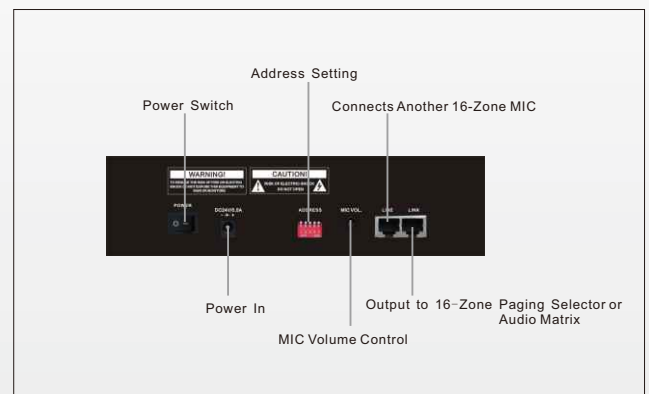
Model	RH2816RS
MIC. Input	MIC:600 ohms(Ω)5mV,unbalanced
Line Input	LINE:10K ohms(Ω)0.775V(0dB),unbalanced
Line Output	LINE:10K ohms(Ω)0.775V(0dB),unbalanced
Frequency Response	MIC:100Hz~10KHz(±3dB) LINE:20Hz~15KHz(±3dB)
THD	<0.01% at 1kHz
S/N	>70dB
Zones Controlled	"CH1 ~ CH16"
Manual Operation	Can select any zone manually
Power Cable	(3×0.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	5~10W
Dimension	78(H)×205(W)×178(D)mm
Packing Size	176(H)×330(W)×270(D)mm
N.W	1.84kg
G.W	2.88kg

Features

The 16 zone Remote Paging Microphone RH2816RS works together with the 16 Zone Audio Matrix, it is easily operated by pressing the zone selector buttons on the panel to access the corresponding zone of the paging selector to achieve remote paging to every zone.

- ※ Several paging modes (all zones, group zones, or individual zone).
- ※ Working with 16-zone paging selector or 16-zone audio matrix for paging function.
- ※ Signals using real-time transmission technology.
- ※ External 24V DC input connector.
- ※ Built-in chime, with mute function.
- ※ With volume control

Connection Illustration



10 Zone/16 Zone Remote Paging Microphone

RH2810R/RH2816RT



Specifications

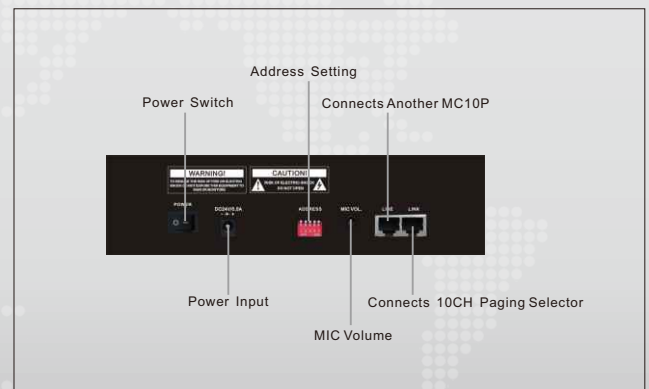
Model	RH2810R/RH2816RT
MIC. Input	MIC:600 ohms(Ω)5mV,unbalanced
Line Input	LINE:10K ohms(Ω)0.775V(0dB),unbalanced
Line Output	LINE:10K ohms(Ω)0.775V(0dB),unbalanced
Frequency Response	MIC:100Hz~10KHz(±3dB) LINE:20Hz~15KHz(±3dB)
THD	<0.01% at 1kHz
S/N	>70dB
Zones Controlled	"CH1~CH10"
Manual Operation	Can select any zone manually
Power Cable	(3×0.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	5~10W
Dimension	78(H)×205(W)×178(D)mm
Packing Size	176(H)×330(W)×270(D)mm
N.W	1.84kg
G.W	2.88kg

Features

The 10 Zone/16 Zone Remote Paging Microphone works together with the 10 Zone/16 Zone Paging Selector, it is easily operated by pressing the zone selector buttons on the panel to access the corresponding zone of the paging selector to achieve remote paging to every zone.

- ※ Several paging modes (all zones, group zones, or individual zone).
- ※ Working with 10 zone/16 zone paging selector for paging function.
- ※ Signals using real-time transmission technology.
- ※ External 24V DC input connector.
- ※ Built-in chime, with mute function.
- ※ With volume control

Connection Illustration



10 Zone Paging Selector

RH2810P



Specifications

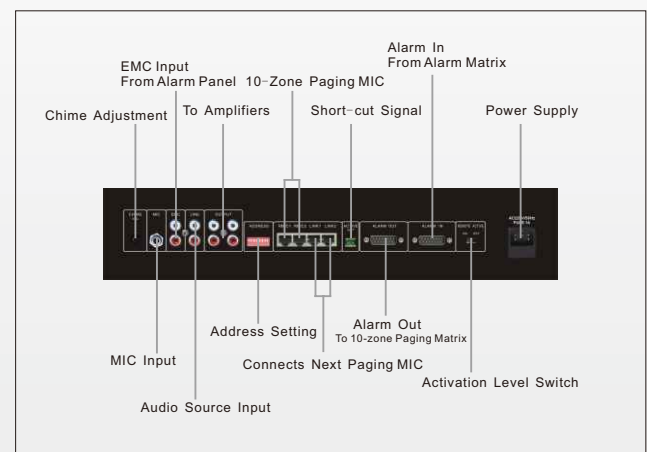
Model	RH2810P
MIC. Input	MIC:600 ohms(Ω)5mV,unbalanced
Line Input	10K ohms(Ω)200mV,unbalanced
Line Output	10K ohms(Ω)0.775V(0dB),Unbalanced
Frequency Response	60Hz~15KHz(±3dB)
THD	<0.01% at 1kHz
S/N	>70dB
Alarm Activation Input	'ALARM IN (CH1~CH10)'
Alarm Activation Output	'SWITCHING OUT (CH1~CH10)'
Alarm Activation	Low Level Activation (0V)
Level Selection	'HIGH' / 'LOW'
Muting Function	When EMC input, MIC and LINE attenuate 0~30dB
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	10~15W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.32kg

Features

The 10 Zone Paging Selector is able to select up to 10 paging zones, it has a direct microphone input, two remote microphone inputs, two line inputs, internal chime and priority channel mute, can be operated by selecting the zones using the selector pushbuttons, can also be operated remotely using the 10-zone microphone console.

- ※ 10 zone paging selection.
- ※ 10 zone alarm function.
- ※ Volume control.
- ※ Built-in chime, with mute function.
- ※ Each paging zone has LED status indicator.
- ※ One MIC input 3.5mm, four remote MIC inputs, one line input, one EMC input.
- ※ 15-pin computer activation bus, and low level alarm activation.

Connection Illustration



16 Zone Paging Selector

RH2816PT



Specifications

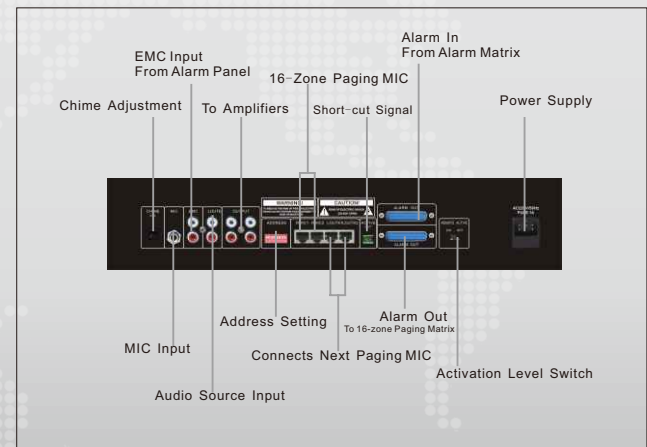
Model	RH2816PT
MIC. Input	MIC:600 ohms(Ω)5mV,unbalanced
Line Input	10K ohms(Ω)200mV,unbalanced
Line Output	10K ohms(Ω)0.775V(0dB),Unbalanced
Frequency Response	60Hz~15KHz(±3dB)
THD	<0.01% at 1kHz
S/N	>70dB
Alarm Activation Input	'ALARM IN (CH1 ~ CH16)'
Alarm Activation Output	'SWITCHING OUT (CH1 ~ CH16)'
Alarm Activation Output	Low Level Activation (0V)
Level Selection	'HIGH' / 'LOW'
Muting Function	When EMC input, MIC and LINE attenuate 0~30dB
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	10~15W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.32kg

Features

The 16 Zone Paging Selector is able to select up to 16 paging zones, it has a direct microphone input, two remote microphone inputs, two line inputs, internal chime and priority channel mute, can be operated by selecting the zones using the selector pushbuttons, can also be operated remotely using the 16-zone microphone console.

- ※ 16 zone paging selection.
- ※ 16 zone alarm function.
- ※ Volume control.
- ※ Built-in chime, with mute function.
- ※ Each paging zone has LED status indicator.
- ※ One MIC input 3.5mm jack, four remote MIC inputs, one line input, and one EMC input.
- ※ 25-pin computer activation bus, and low level alarm activation.

Connection Illustration



10 Zone Speaker Selector

RH2813B



Specifications

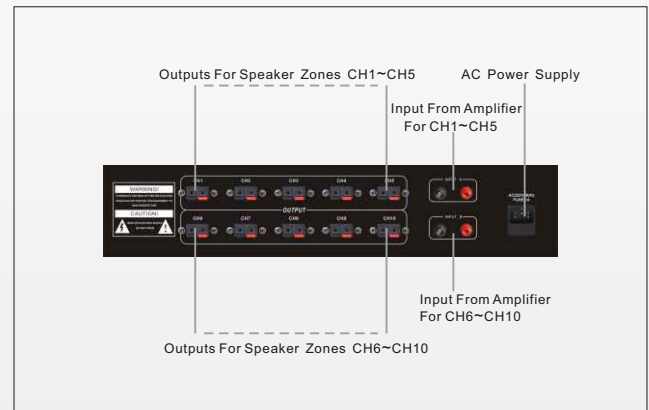
Model	RH2813B
Group A Input	70V/100V audio signal 'CH6~ CH10'
Group B Input	70V/100V audio signal 'CH6~ CH10'
Channels Controlled	Total 10 channels
Power Handling	Group Input A: 1000W; Group Input B 1000W Each zone handles 200W
Channel Switch Capacity	500W audio signal
Power Cable	(3×0.75 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	10~15W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.26kg
G.W	7.82kg

Features

The 10 Zone Speaker Selector is divided into 2 groups of 5 zones, it features two amplifier inputs A and B which can be connected to a single amplifier to control all 10 speaker zones.

- ※ Supports 10 zone speakers selection.
- ※ 2 group of 5 zones, 70V/100V audio signal.
- ※ 2 audio inputs.
- ※ LED signal level meter.
- ※ 10-position channel selector switch.
- ※ Each channel power handling ≤200W,

Connection Illustration



10 Zone Speaker Selector

RH2813D



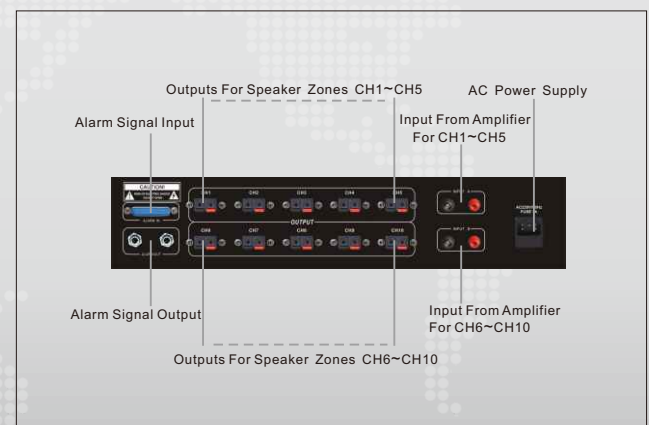
Specifications

Model	RH2813D
Group A Input	70V/100V, background music
Group B Input	70V/100V, alarm and paging
Channels Controlled	10 channels 'CH1~CH16'(the EMC/alarm broadcasting will be activated by the alarm signal)
Power Handling	Total audio input capacity 1 KW each channel handles 100W
Switch Capacity	500W, audio signal
Alarm Activation Input	(0V) short cut signal (ALARM In)
Alarm Activation Output	(0V) short cut signal (ALARM Out)
Power Cable	(3×0.75 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	10~15W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.34kg
G.W	8.06kg

Features

- ※ Supports 10 zones for background music, paging, and alarm broadcasting.
- ※ 2 inputs, 10 zone outputs (70V/100V audio signal).
- ※ Supports alarm broadcasting.
- ※ Each zone has LED indicator.
- ※ 25-pin computer activation bus.
- ※ 10 alarm inputs.

Connection Illustration



10 Zone Monitor Panel

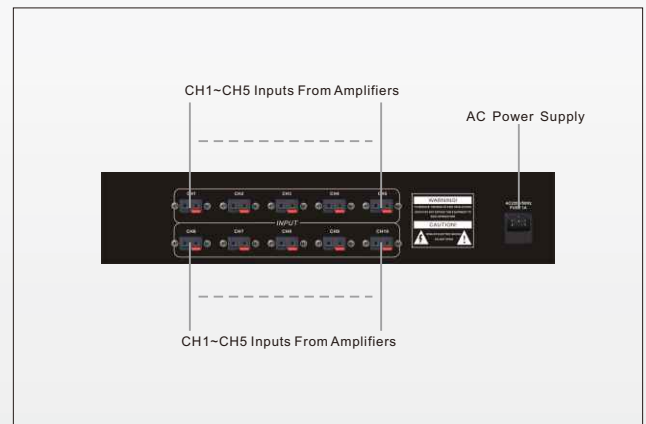
RH2812M



Features

- ※ 10 zone inputs.
- ※ Built-in speaker 5W/8 Ohm.
- ※ Connecting to the amplifiers to monitor if they are working well.
- ※ Monitors up to 10 speaker zones by using the built-in speaker.
- ※ 5-LED level meter visually indicates the channels signal level.

Connection Illustration



Specifications

Model	RH2812M
Line Input	70V/100V audio signal
Monitored Channels	'CH1-CH10'
Monitor Speaker	Full range speaker 5W
Power Cable	(3×0.75 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	10~15W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.34kg
G.W	7.88kg

16 Zone Speaker Selector

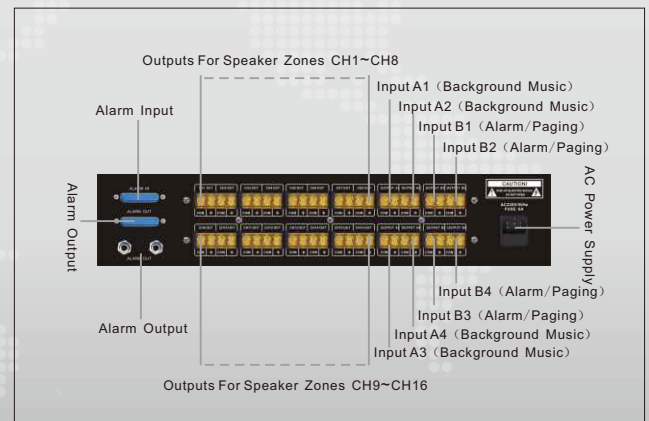
RH2813AM



Features

- ※ Supports 16 zones for background music, paging, and alarm broadcasting.
- ※ Built-in 16 zones monitor speakers.
- ※ 4 inputs for background music.
- ※ 4 inputs for alarm broadcasting and paging.
- ※ Each zone has LED indicator.
- ※ 25-pin computer activation bus.
- ※ Built-in 16 zone monitor speakers.

Connection Illustration



Specifications

Model	RH2813AM
A1 Input	70V/100V, background music "CH1-CH4"
A2 Input	70V/100V, background music "CH5-CH8"
A3 Input	70V/100V, background music "CH9-CH12"
A4 Input	70V/100V, background music "CH13-CH16"
B1 Input	70V/100V, alarm and paging "CH1-CH4"
B2 Input	70V/100V, alarm and paging "CH5-CH8"
B3 Input	70V/100V, alarm and paging "CH9-CH12"
B4 Input	70V/100V, alarm and paging "CH13-CH16"
Alarm Input	(0V) short-cut (ALARM IN)
Alarm Output	(0V) short-cut (ALARM OUT)
Power Cable	(3×1.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	20~25W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.9kg
G.W	8.1kg

Alarm Matrix

RH2819A

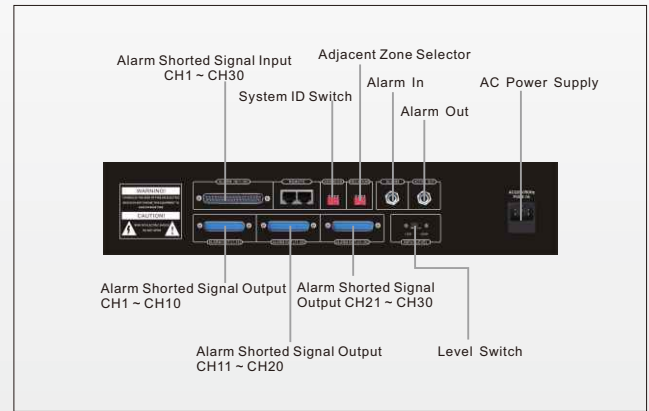


Features

The Alarm Matrix connects between a facility's fire alarm system and public address system, with support for up to 30 zones, any zone that has a fire alarm will force adjacent zones into an emergency situation warning personnel to evacuate.

- ※ 30 shorted signal inputs for fire alarm, 3 groups of 10 channel shorted signal outputs for fire alarm.
- ※ N±4 adjacent zone range.
- ※ Shorted signal to activate power.
- ※ Address setting with decimal system.

Connection Illustration



Specifications

Model	RH2819A
Activation Output Level	High level (+5V ~+24V) or low level (0V)
Channels Controlled	30 channels CH1 ~CH30
Alarm Activation Level Switch	High level (+5V ~+24V) or low level (0V) is set by switch 'HIGH' / 'LOW'
Alarm Activation Input	'ALARM(1~30)'
Alarm Activation Output	OUT(1~10), OUT(11~20), OUT(21~30)
Number Of Adjacent Zones	±1, ±2, ±3, ±4
Power Cable	(3×0.75mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	15~20W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.42kg
G.W	8.16kg

Alarm Panel

RH2815E

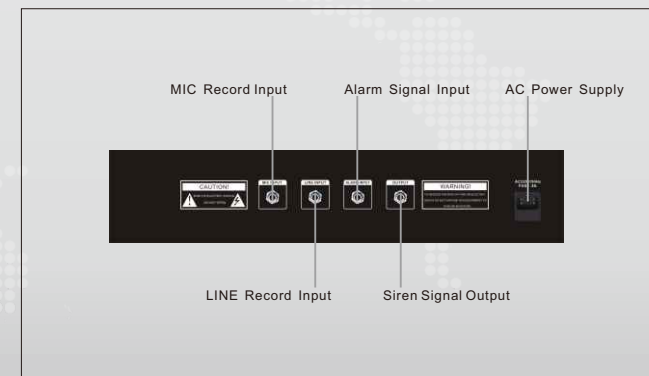


Features

The Alarm Panel is used in a public address system to produce an alarm sound either by a short-circuit signal to trigger auto-alarm or by a manual pushbutton, it can output a built-in siren signal or a user-recorded voice alarm or siren, with the built-in 60-second recording IC, users may record their own voice alarm or siren.

- ※ The alarm panel produces an alarm sound automatically when activated by an external signal or manually by the pushbutton.
- ※ The siren message can be either a built-in siren or a user pre-recorded voice message.
- ※ 60-second digital IC for voice message recording via MIC or LINE input.

Connection Illustration



Specifications

Model	RH2815E
MIC Input	<5mV, 600 ohms(Ω)
Line Input	<400mV, 10K ohms(Ω)
Line Output	>200mV
Frequency Response	100Hz~3.4KHz(±3dB)
THD	<0.01% at 1kHz
ADC/DAC	Sampling frequency 8kHz 5Bit
Record Time	60 minutes
Alarm Activation Input	One
Alarm Activation Level	(0V) short-cut signal
Power Cable	(3×0.75 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	5~10W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.08kg
G.W	7.78kg

Telephone Interface

RH2818I



Specifications

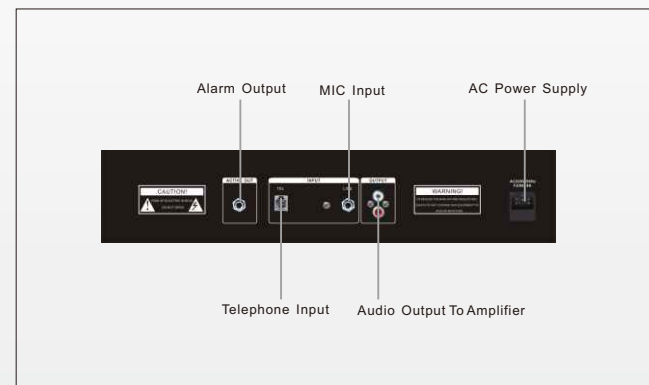
Model	RH2818I
Line Input	Phone signal
Line Output	10K ohms(Ω)200mV~0.775V(0dB)
Monitor Speaker	Built-in full range speaker 5W
Alarm Output	(0V) short-cut signal
Power Cable	(3 × 0.5 mm ²) × 1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	5~10W
Dimension	89(H) × 483(W) × 350(D)mm
Packing Size	185(H) × 520(W) × 435(D)mm
N.W	6.2kg
G.W	7.76kg

Features

The Telephone Interface can automatically answer an incoming phone call and broadcast the caller's voice over the PA system and even to individual zones, and a microphone input is provided for talking back to the caller.

- ✧ The interface can automatically answer an incoming phone call and broadcast the caller's voice over the PA system.
- ✧ Automatic or manual mode optional.
- ✧ Built-in monitor speaker and volume control.

Connection Illustration



16 Channel Power Sequencer

RH2828S



Specifications

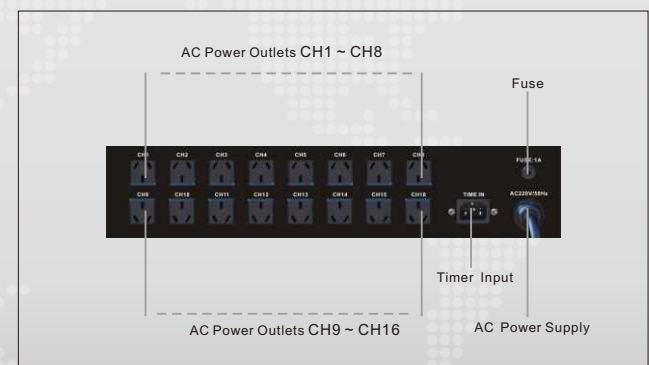
Model	RH2828S
Total Capacity	Total capacity 2.5KW
Control Signal	AC 220V, 10mA
Time Interval	0.4S~0.5S
Channel Switch Capacity	2 KW(VA)
Channels	CH1~CH16
Power Cable	(3 × 1.5 mm ²) × 1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	25~30W
Dimension	89(H) × 483(W) × 350(D)mm
Packing Size	185(H) × 520(W) × 435(D)mm
N.W	7.08kg
G.W	8.62kg

Features

The Power Sequencer is used to manage a PA system's power requirements so that it may turn on up to 16 system components according to the order that is desired-effectively preventing high powered equipment from overloading the AC mains.

- ✧ 16 power up sequence.
- ✧ Total output power rated at 2.5KW.
- ✧ Power start using shorted signal from program timer to realize timing power output.

Connection Illustration



10 Channel 24VDC Switch Power Supply

RH28210S



Specifications

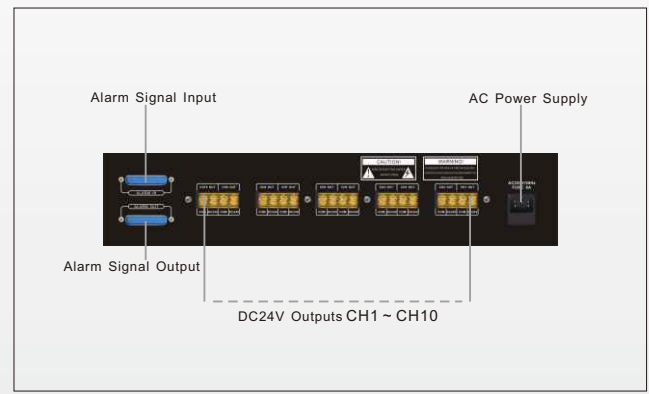
Model	RH28210S
Channels Controlled	10 channels CH1 ~ CH10
Alarm Activation	'ALARM In' 'ALARM OUT'
Alarm Activation Level	High level +12V or low level 0V, can be set through the switch 'HIGHT'/'LOW' on the rear panel
Voltage Output	DC24Vx1A/channel, less than 20 Ohm on 1k cable
Power Cable	(3×1.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	20~300W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	8.84kg
G.W	10.38kg

Features

The 24VDC Switch Power Supply is a 10 channels switching power supply for use in a public address system to forcefully insert 24VDC over the system to provide power for volume control override and other emergency equipment, activated by a 10 channels input, the input alarm signals control the 24V power source outputs, thus forcefully cutting over the PA system.

- ※ 10 channels of DC24V outputs.
- ※ 10 alarm signal inputs provided to activate DC power outputs.
- ※ Each channel has LED indicator.
- ※ 25-pin activation input and output bus.

Connection Illustration



16-Channel 24VDC Switch Power Supply

RH28216S



Specifications

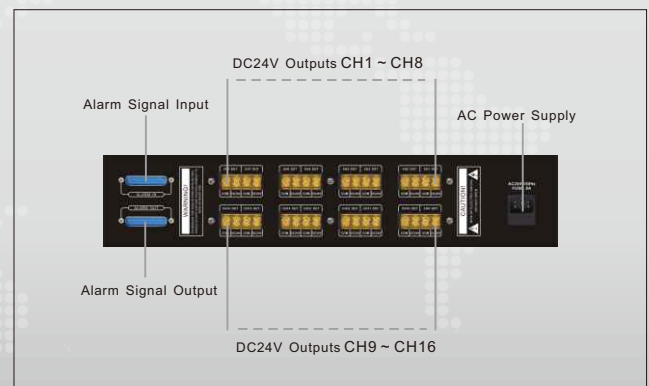
Model	RH28216S
Channels Controlled	10 channels CH1 ~ CH16
Alarm Activation	'ALARM In' 'ALARM OUT'
Alarm Activation Level	High level +12V or low level 0V, can be set through the switch 'HIGHT'/'LOW' on the rear panel
Voltage Output	DC24Vx1A/channel, less than 20 Ohm on 1k cable
Power Cable	(3×1.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	20~300W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	8.84kg
G.W	10.38kg

Features

The 24VDC Switch Power Supply is a 16 channels switching power supply for use in a public address system to forcefully insert 24VDC over the system to provide power for volume control override and other emergency equipment, activated by a 16 channels input, the input alarm signals control the 24V power source outputs, thus forcefully cutting over the PA system.

- ※ 16 channels of DC24V outputs.
- ※ 16 alarm signal inputs provided to activate DC power outputs.
- ※ Each channel has LED indicator.
- ※ 25-pin activation input and output bus.

Connection Illustration



M/S Amplifier Switch

RH2821M



Features

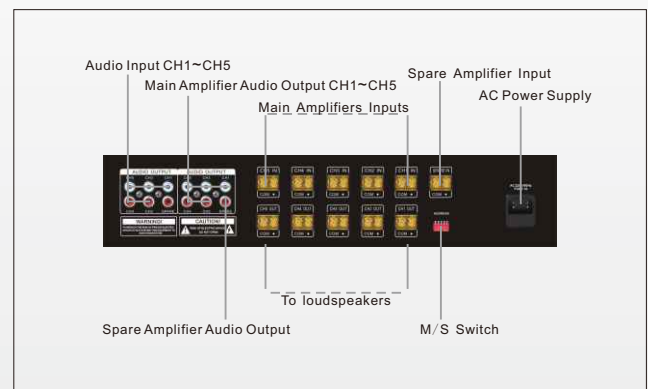
The M/S Amplifier Switch Monitors up to five main power amplifiers which will be switched automatically to the spare amplifier should any one fails, with five independent channels, it can also be operated manually for power amplifier upgrades and maintenance, each channel has a volume control, manual switch, and status indicator.

- ✧ Connect to 5 main amplifiers and 1 spare amplifier.
- ✧ Automatic detection of fault units, and the first fault detected unit will be automatically switched to the spare unit, other fault units if later detected will be brought to your attention by the indicators.
- ✧ Prompt tone will ring should any main unit fails.
- ✧ Indicators have three different indications: Normal, Fault, or Spare.
- ✧ Address setting using decimal system.

Specifications

Model	RH2821M
Main Channels	5 channels 'CH1~CH5'
Spare Channel	One
Channel Capacity	150V/20A, audio signal
Input Signal	0.775V (0 dB), 10k ohms(Ω), unbalanced
Output Signal	0.775V (0 dB), 10k ohms(Ω), unbalanced (maximum volume)
Cycle Time	20mS, cycle times 30
Input Checking	50mV, cycle time 20mS
Output Checking	100mV, cycle time 20mS
Speaker Terminals	SPEAKER OUTPUT (CH1 ~ CH5)
Power Cable	(3×1.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	20~25W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.9kg
G.W	8.1kg

Connection Illustration



Lightning Arrestor

RH2825L



Features

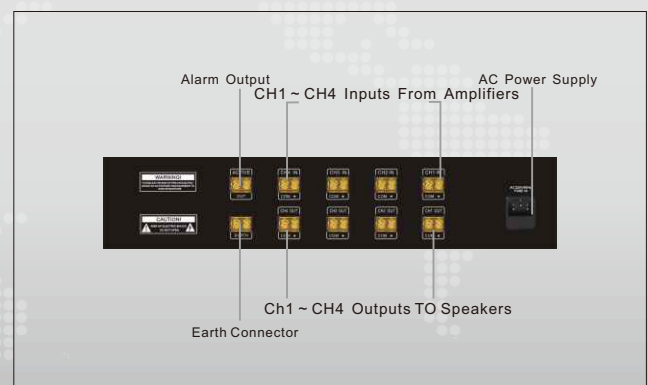
The Lightning Arrestor protects PA system with outdoor speakers from potential damage caused by thunder storms and lightning. Four independent channels provide protection for up to 20A of audio power per channel, when a channel exceeds the threshold the speakers are disconnected from the rest of the system to prevent damage to other equipments.

- ✧ 4 signal inputs (70V/100V audio signal) and 4 signal outputs (70V/100V audio signal).
- ✧ Automatic detection of lightning strike to the audio line if it happens & the inputs and outputs will be cut off automatically.
- ✧ Four independent channels provide protection for up to 20A of audio power per channel.
- ✧ Protection against lightning strikes, over-voltage, and electric leakage.
- ✧ Indicators for normal and protection state.
- ✧ Lightning protection grade: IEC529/EN60 529 protection grade satisfied: IP 20.

Specifications

Model	RH2825L
Channels Controlled	4 channels (CH1 ~ CH4), optional
Input Capacity	Each channel 70/100V, 20A, audio signal
Output Capacity	Each channel 70/100V, 20A, audio signal
Lightning Protection Grade	IEC529/EN60 529 protection grade satisfied: IP20
Overload Threshold	165~300V (peak)
Impulse Discharge Current	Iimp(8/20)us current peak: 30KA
Current Leakage Protection	≤10mA
Insulation Resistance	≥10MΩ
Alarm Output Level	(0V) short-cut signal (ACTIVE OUT)
Power Cable	(3×1.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	20~25W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	7.9kg
G.W	9.1kg

Connection Illustration



Pre Amplifier

RH2811P



Specifications

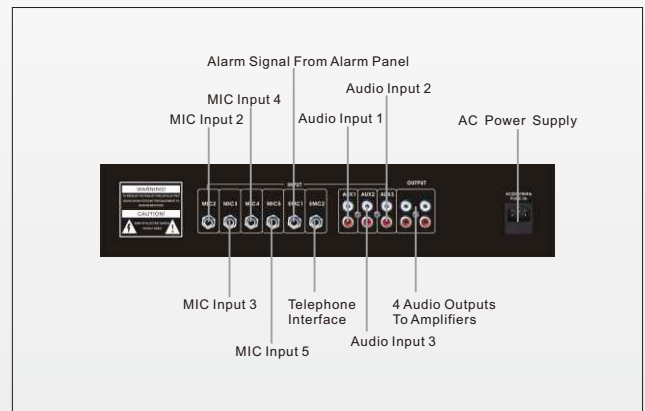
Model	RH2811P
MIC. Input	600 ohms(Ω)5mV
EMC Input	10K ohms(Ω)200mV
Line Input	10K ohms(Ω)200mV
Line Output	10K ohms(Ω)0.775V(0dB)
Frequency Response	60Hz~15KHz(\pm 3dB)
THD	<0.01% at 1kHz
S/N	>70dB
Muting Function	MIC 1 overrides other input signals with 0~30dB attenuation, EMC1/2 overrides all inputs except MIC1
Power Supply	AC 220V \pm 10% 50-60Hz
Power Consumption	10~15W
Dimension	89(H) \times 483(W) \times 350(D)mm
Packing Size	185(H) \times 520(W) \times 435(D)mm
N.W	5.96kg
G.W	7.62kg

Features

The Pre-amplifier with five balanced MIC inputs, three AUX level inputs and two EMC(priority) level inputs. Priority muting is achieved via MIC 1 and EMC for overriding music for paging and emergency alarms. Individual controls are provided for MIC and AUX inputs, bass & treble controls are provided for overall tone control.

- ※ Built-in CHIME and SIREN circuit.
- ※ 10 level indicators.
- ※ Built-in chime, with mute function.
- ※ 4 outputs for four amplifiers.
- ※ 5 MIC inputs, 3 AUX inputs, 2 EMC inputs.
- ※ EMC1,2 have priority over all inputs except MIC1.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller, BASS and TREBLE tone controller.

Connection Illustration



8 Channel Pre Amplifier

RH2881P



Specifications

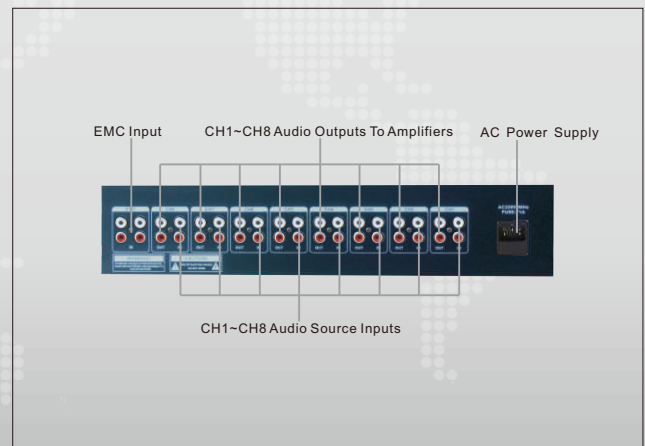
Model	RH2881P
MIC. Input	600 ohms(Ω)5mV
EMC Input	10K ohms(Ω)200mV
Line Input	10K ohms(Ω)200mV
Line Output	10K ohms(Ω)0.775V(0dB)
Frequency Response	60Hz~15KHz(\pm 3dB)
THD	<0.01% at 1kHz
S/N	>70dB
Muting Function	EMC inputs, MIC and CH1~CH8 attenuate 0~30dB
Power Supply	AC 220V \pm 10% 50-60Hz
Power Consumption	10~15W
Dimension	89(H) \times 483(W) \times 350(D)mm
Packing Size	185(H) \times 520(W) \times 435(D)mm
N.W	5.96kg
G.W	7.62kg

Features

The 8-Channel Pre-amplifier supports eight individual inputs and outputs, with one microphone input with priority, and two EMC inputs, built-in paging function with pushbutton for paging each zone.

- ※ 8 individual inputs from audio source.
- ※ 8 individual outputs to amplifiers.
- ※ 1 MIC input.
- ※ LED indicator.
- ※ Paging for 8 zones.
- ※ MIC input has priority.
- ※ Individual volume controller.

Connection Illustration



2 Channel Amplifier

RH28206W/RH28212W/RH28225W/RH28235W

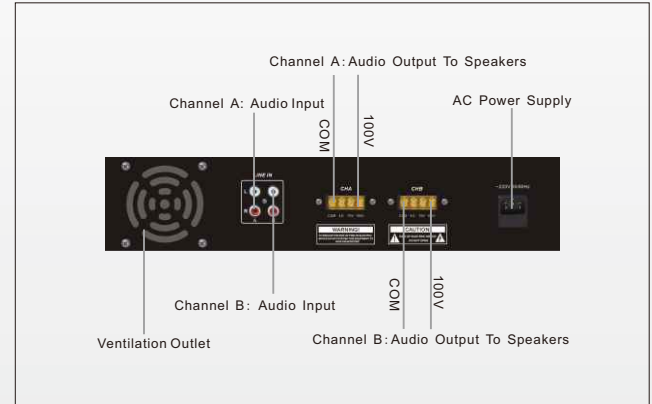


Features

The Series of PA Rack-mount 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.

- ※ Power rates: 60Wx2/120Wx2/240x2W/350Wx2 available.
- ※ 2 channel speaker selectors individually.
- ※ 70V/100V and 4~16Ω outputs.
- ※ 2 line inputs.
- ※ Individual volume controller for each channel.
- ※ Each channel has LED indicator.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH28206W	RH28212W	RH28225W	RH28235W
Rated Power	2x60W	2x120W	2x240W	2x350W
Output Mode	4-16 ohms(Ω) and 70V/100V			
Line Input	10K ohms(Ω) 260mV~470mV, unbalanced			
AUX Output	0.775V(0dB)			
Fre. Response	60Hz~15KHz(±3dB)			
THD	<0.5% at 1kHz, 1/3 rated power			
S/N	≥85dB			
Cooling	DC12V FAN			
Indicators	TEMP, POWER, CLIP, SIGNAL, PROT			
Protection	AC FUSE×6A	AC FUSE×8A	AC FUSE×10A	AC FUSE×12A
Output Regulation	<3 dB, from level without signal to be loaded fully			
Controls	1 volume control, power on/off			
Power Consumption	185W	310W	620W	830W
N.W	10.5kg	11.5kg	13.8kg	14.5kg
Dimension	89(H)*483(W)*366(D) MM			

4 Channel Amplifier

RH28406W/RH28412W/RH28418W/RH28424W

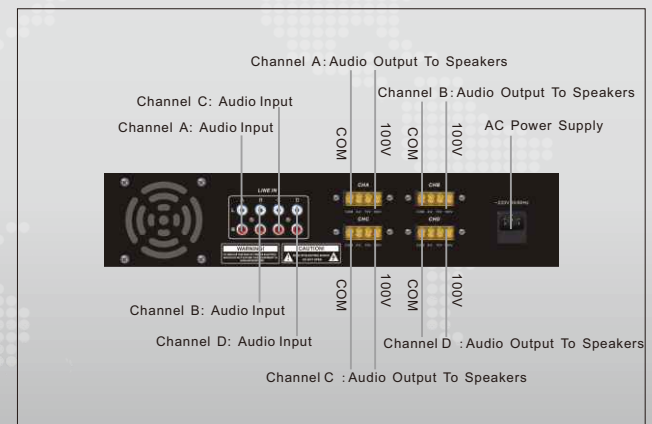


Features

The Series of PA Rack-mount 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.

- ※ Power rates: 60Wx4/120Wx4/180Wx4/240Wx4 available.
- ※ 4 channel speaker selectors individually.
- ※ 70V/100V and 4~16Ω outputs.
- ※ 4 line inputs.
- ※ Individual volume controller for each channel.
- ※ Each channel has LED indicator.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH28406W	RH28412W	RH28418W	RH28424W
Rated Power	4x60W	4x120W	4x180W	4x240W
Output Mode	4-16 ohms(Ω) and 70V/100V			
Line Input	10K ohms(Ω) 260mV~470mV, unbalanced			
AUX Output	0.775V(0dB)			
Fre. Response	60Hz~15KHz(±3dB)			
THD	<0.5% at 1kHz, 1/3 rated power			
S/N	≥85dB			
Cooling	DC12V FAN			
Indicators	TEMP, POWER, CLIP, SIGNAL, PROT			
Protection	AC FUSE×8A	AC FUSE×10A	AC FUSE×12A	AC FUSE×15A
Output Regulation	<3 dB, from level without signal to be loaded fully			
Controls	1 volume control, power on/off			
Power Consumption	360W	680W	950W	1480W
N.W	13.5kg	18.5kg	19.8kg	22.5kg
Dimension	89(H)*483(W)*366(D) MM			

Mixer Amplifiers **RH2807P/RH2813P/RH2826P/RH2836P/RH2850P**

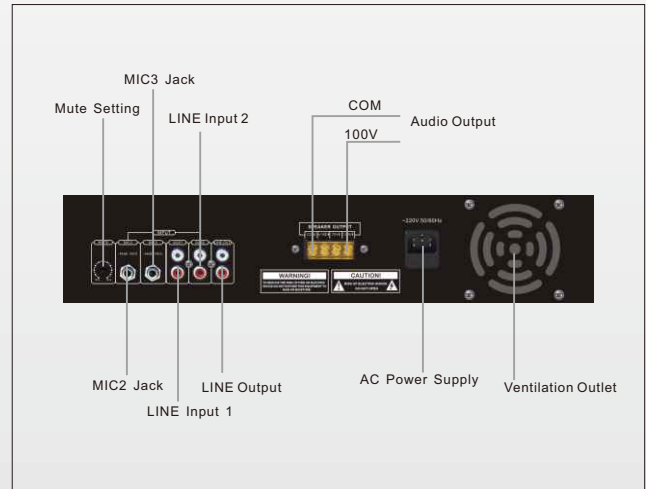


Features

The Series of PA Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH2807P	RH2813P	RH2826P	RH2836P	RH2850P
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms(Ω) and 70V/100V				
MIC Input	MIC:600 ohms(Ω)5mV~8mV, unbalanced				
Line Input	10K ohms(Ω)150mV~470mV, unbalanced				
Line Output	0.775(0 dBV)				
Frequency Response	60Hz~15kHz z(±3 dB)				
THD	<0.5% at 1kHz, 1/3 rated power				
S/N	Line:85dB ,MIC:>72dB				
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)				
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation				
Output Regulation	<3 dB, from level without signal to be loaded fully				
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control<3 dB, from level without signal to be loaded fully				
Cooling	DC12V FAN				
Indicators	DC12V FAN; Power: 'POWER'; level: '0,2,4,6,8,10' AC FUSE×8A				
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m				
Power Supply	AC 220V ±10% 50-60Hz				
Power Consumption	95W	185W	350W	485W	675W
Dimension	89(H)×483(W)×350(D)mm				
Packing Size	185(H)×520(W)×435(D)mm				
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg

MP3/FM Tuner Mixer Amplifier **RH2807PM/RH2813PM/RH2826PM/RH2836PM/RH2850PM**

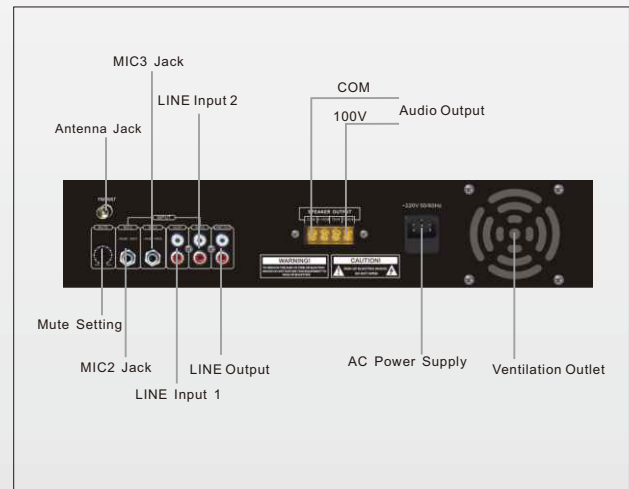


Features

The MP3/FM Tuner Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ Built-in U disk MP3 player and FM tuner 87.5 MHz~108 MHz.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH2807PM	RH2813PM	RH2826PM	RH2836PM	RH2850PM
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms(Ω) and 70V/100V				
MIC Input	MIC:600 ohms(Ω)5mV~8mV, unbalanced				
Line Input	10K ohms(Ω)150mV~470mV, unbalanced				
Line Output	0.775(0 dBV)				
Frequency Response	60Hz~15kHz z(±3 dB)				
THD	<0.5% at 1kHz, 1/3 rated power				
S/N	Line:85dB ,MIC:>72dB				
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)				
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation				
Output Regulation	<3 dB, from level without signal to be loaded fully				
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control <3 dB, from level without signal to be loaded fully				
Cooling	DC12V FAN				
Indicators	DC12V FAN; Power: 'POWER'; level: '0, 2, 4, 6, 8, 10'				AC FUSE×8A
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m				
Power Supply	AC 220V ±10% 50-60Hz				
Power Consumption	95W	185W	350W	485W	675W
Dimension	89(H)×483(W)×350(D)mm				
Packing Size	185(H)×520(W)×435(D)mm				
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg

6 Zone Mixer Amplifiers

RH2807PF/RH2813PF/RH2826PF/RH2836PF/RH2850PF

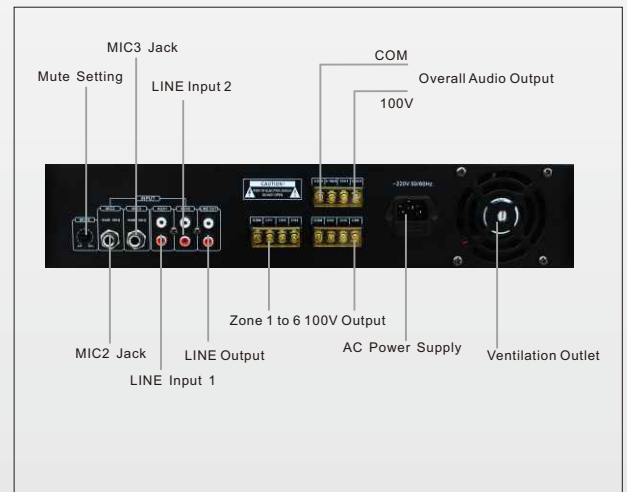


Features

The 6 Zone Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ 6 zone 100V speaker outputs with separate switch ON/OFF & LED indicator.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH2807PF	RH2813PF	RH2826PF	RH2836PF	RH2850PF
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms(Ω) and 70V/100V				
MIC Input	MIC:600 ohms(Ω)5mV~8mV, unbalanced				
Line Input	10K ohms(Ω)150mV~470mV, unbalanced				
Line Output	0.775(0 dBV)				
Frequency Response	60Hz~15kHz z(±3 dB)				
THD	<0.5% at 1kHz, 1/3 rated power				
S/N	Line:85dB ,MIC:>72dB				
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)				
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation				
Output Regulation	<3 dB, from level without signal to be loaded fully				
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control <3 dB, from level without signal to be loaded fully				
Cooling	DC12V FAN				
Indicators	DC12V FAN; Power: 'POWER'; level: '0, 2, 4, 6, 8, 10' AC FUSE×8A				
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m				
Power Supply	AC 220V ±10% 50-60Hz				
Power Consumption	95W	185W	350W	485W	675W
Dimension	89(H)×483(W)×350(D)mm				
Packing Size	185(H)×520(W)×435(D)mm				
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg

6 Zone MP3/FM Tuner Mixer Amplifiers **RH2807MF/RH2813MF/RH2826MF/RH2836MF/RH2850MF**

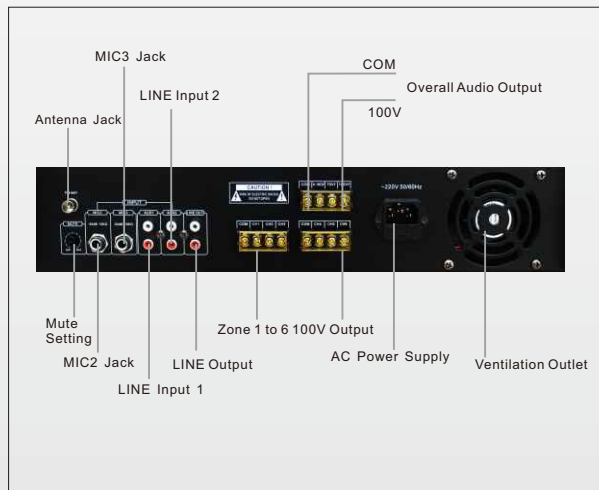


Features

The 6 Zone MP3/FM Tuner Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ Built-in SD/U disk MP3 player and FM tuner 87.5 MHz~108 MHz.
- ※ 6 zone 100V speaker outputs with separate switch ON/OFF & LED indicator.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.

Connection Illustration



Specifications

Model	RH2807FM	RH2813FM	RH2826MF	RH2836MF	RH2850MF
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms(Ω) and 70V/100V				
MIC Input	MIC:600 ohms(Ω)5mV~8mV, unbalanced				
Line Input	10K ohms(Ω)150mV~470mV, unbalanced				
Line Output	0.775(0 dBV)				
Frequency Response	60Hz~15kHz (±3 dB)				
THD	< 0.5% at 1kHz, 1/3 rated power				
S/N	Line:85dB ,MIC:>72dB				
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)				
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB dB attenuation				
Output Regulation	<3 dB, from level without signal to be loaded fully				
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control<3 dB, from level without signal to be loaded fully				
Cooling	DC12V FAN				
Indicators	DC12V FAN; Power: 'POWER'; level:'0,2,4,6,8,10' AC FUSE×8A				
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A
Power Cable	(3×0.75mm ²) × 1.5m				
Power Supply	AC 220V ±10% 50-60Hz				
Power Consumption	95W	185W	350W	485W	675W
Dimension	89(H)×483(W)×350(D)mm				
Packing Size	185(H)×520(W)×435(D)mm				
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg

Power Amplifier

RH2836W/RH2846W/RH2866W

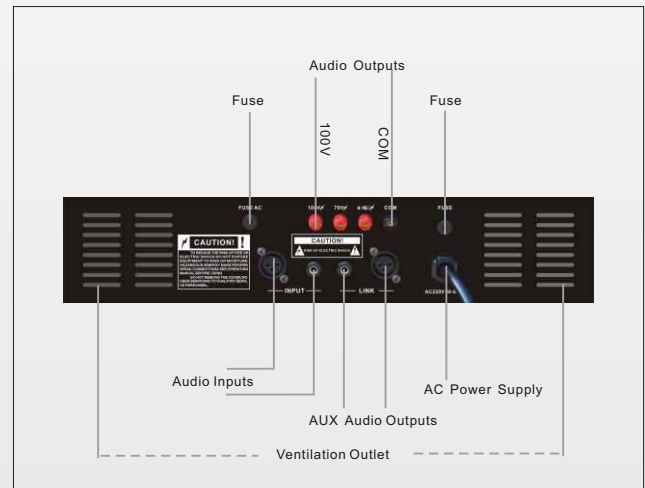


Features

The Series of PA Power Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 350W/450W/650W available.
- ※ 70V/100V and 4~16Ω loads.
- ※ RCA and XLR input sockets for convenient link.
- ※ Volume controller.
- ※ 5 level indicators.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH2836W	RH2846W	RH2866W
Rated Power	350W	450W	650W
Output Mode	4-16 ohms(Ω) and 70V/100V		
Line Input	10k ohms(Ω) < 1V, unbalanced		
Line Output	10k ohms(Ω) 0.775V(0 dB), unbalanced		
Frequency Response	60Hz~15kHz(±3dB)		
THD	< 0.5% at 1kHz, 1/3 rated power		
S/N	> 70 dB		
Damping Factor	200		
Slew Rate	15V/μS		
Output Regulation	< 3 dB, from level without signal to be loaded fully		
Controls	1 volume control, power on/off		
Cooling	DC 12V FAN		
Indicators	TEMP, POWER, CLIP, SIGNAL, PROT		
Protection	AC FUSE×10A	AC FUSE×12A	AC FUSE×15A
Power Cable	(3×0.75mm ²)×1.5m		
Power Supply	AC 220V ±10% 50-60Hz		
Power Consumption	485W	620W	880W
Dimension	89(H)×483(W)×366(D)mm		
Packing Size	185(H)×520(W)×435(D)mm		
N.W	15.2kg	17.8kg	19.8kg
G.W	16.8kg	19.3kg	21.5kg

High Power Amplifier

RH31000W/RH31500W/RH32000W

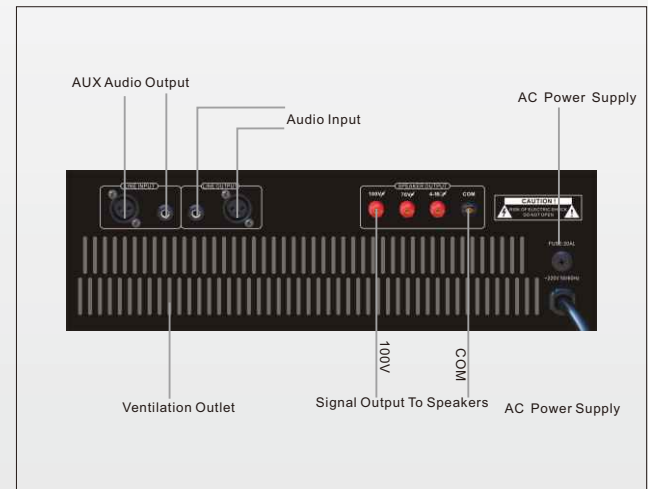


Features

The Series of PA Power Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed in a variety of system designs.

- ※ Power rates: 1000W/1500W/2000W available.
- ※ 70V/100V and 4~16Ω loads.
- ※ RCA and XLR input sockets for convenient link.
- ※ Volume controller.
- ※ 5 level indicators.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH31000W	RH31500W	RH32000W
Rated Power	1000W	1500W	2000W
Output Mode	4-16 ohms(Ω) and 70V/100V		
Line Input	10k ohms(Ω) <1V, unbalanced		
Line Output	10k ohms(Ω) 0.775V(0 dB), unbalanced		
Frequency Response	60Hz~15kHz(±3dB)		
THD	<0.5% at 1kHz, 1/3 rated power		
S/N	>105 dB		
Damping Factor	600		
Slew Rate	40V/ μS		
Output Regulation	<3 dB, from level without signal to be loaded fully		
Controls	1 volume control, power on/off		
Cooling	DC12V FAN		
Indicators	TEMP, POWER, CLIP, SIGNAL, PROT		
Protection	AC FUSE×10A	AC FUSE×12A	AC FUSE×15A
Power Cable	(3×1.5 mm ²)×1.5m		
Power Supply	AC 220V ±10% 50-60Hz		
Power Consumption	1350W	2000W	2500W
Dimension	132(H)×486(W)×483(D)mm		
Packing Size	225(H)×610(W)×585(D)mm		
N.W	25kg	27kg	31kg
G.W	27.5kg	30kg	34.5kg

Mixer Amplifiers

RH8070P/RH8130P/RH8260P/RH8360P/RH8500P

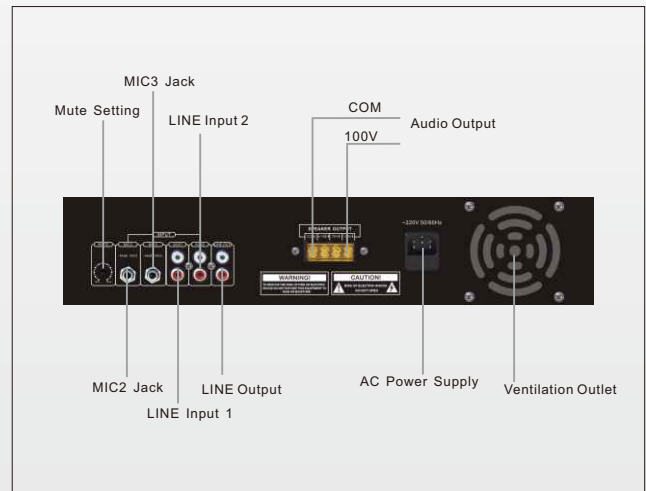


Features

The Series of PA Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH8070P	RH8130P	RH8260P	RH8360P	RH8500P
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms(Ω) and 70V/100V				
MIC Input	MIC: 600 ohms(Ω) 5mV~8mV, unbalanced				
Line Input	10K ohms(Ω) 150mV~470mV, unbalanced				
Line Output	0.775(0 dBV)				
Frequency Response	60Hz~15kHz z(±3 dB)				
THD	<0.5% at 1kHz, 1/3 rated power				
S/N	Line: 85dB, MIC: >72dB				
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)				
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation				
Output Regulation	<3 dB, from level without signal to be loaded fully				
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control <3 dB, from level without signal to be loaded fully				
Cooling	DC12V FAN				
Indicators	DC12V FAN; Power: 'POWER'; level: '0, 2, 4, 6, 8, 10' AC FUSE×8A				
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m				
Power Supply	AC 220V ±10% 50-60Hz				
Power Consumption	95W	185W	350W	485W	675W
Dimension	89(H)×483(W)×350(D)mm				
Packing Size	185(H)×520(W)×435(D)mm				
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg

MP3/FM Tuner Mixer Amplifier **RH8070PM/RH8130PM/RH8260PM/RH8360PM/RH8500PM**

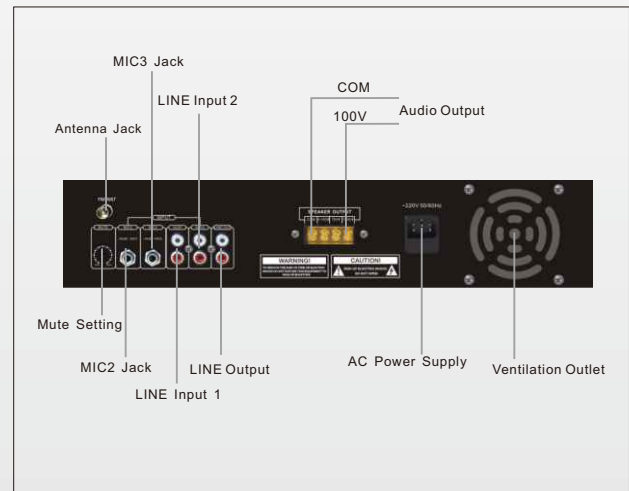


Features

The MP3/FM Tuner Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ Built-in U disk MP3 player and FM tuner 87.5 MHz~108 MHz.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH8070PM	RH8130PM	RH8260PM	RH8360PM	RH8500PM
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms(Ω) and 70V/100V				
MIC Input	MIC:600 ohms(Ω)5mV~8mV, unbalanced				
Line Input	10K ohms(Ω)150mV~470mV, unbalanced				
Line Output	0.775(0 dBV)				
Frequency Response	60Hz~15kHz (±3 dB)				
THD	<0.5% at 1kHz, 1/3 rated power				
S/N	Line:85dB ,MIC:>72dB				
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)				
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation				
Output Regulation	<3 dB, from level without signal to be loaded fully				
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control<3 dB, from level without signal to be loaded fully				
Cooling	DC12V FAN				
Indicators	DC12V FAN; Power: 'POWER'; level: '0,2,4,6,8,10' AC FUSE×8A				
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m				
Power Supply	AC 220V ±10% 50-60Hz				
Power Consumption	95W	185W	350W	485W	675W
Dimension	89(H)×483(W)×350(D)mm				
Packing Size	185(H)×520(W)×435(D)mm				
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg

6 Zone Mixer Amplifiers

RH8070PF/RH8130PF/RH2826PF/RH8360PF/RH8500PF

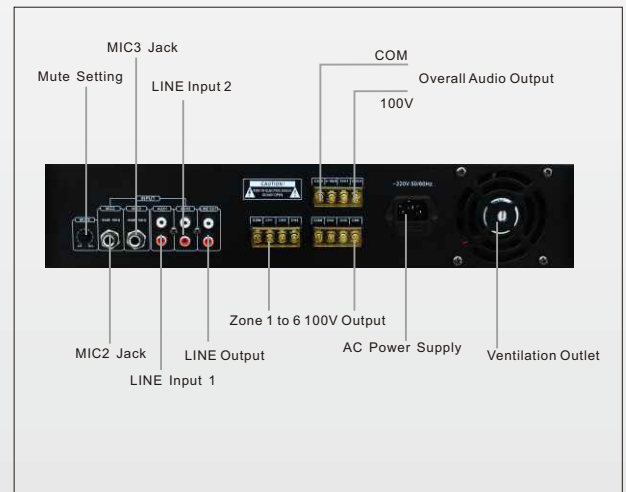


Features

The 6 Zone Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ 6 zones 100V speaker outputs with separate switch ON/OFF & LED indicator.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH8070PF	RH8130PF	RH2826PF	RH8360PF	RH8500PF
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms(Ω) and 70V/100V				
MIC Input	MIC:600 ohms(Ω)5mV~8mV, unbalanced				
Line Input	10K ohms(Ω)150mV~470mV, unbalanced				
Line Output	0.775(0 dBV)				
Frequency Response	60Hz~15kHz z(±3 dB)				
THD	<0.5% at 1kHz, 1/3 rated power				
S/N	Line:85dB ,MIC:>72dB				
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)				
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation				
Output Regulation	<3 dB, from level without signal to be loaded fully				
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control <3 dB, from level without signal to be loaded fully				
Cooling	DC12V FAN				
Indicators	DC12V FAN; Power: 'POWER'; level: '0, 2, 4, 6, 8, 10' AC FUSE×8A				
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m				
Power Supply	AC 220V ±10% 50-60Hz				
Power Consumption	95W	185W	350W	485W	675W
Dimension	89(H)×483(W)×350(D)mm				
Packing Size	185(H)×520(W)×435(D)mm				
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg

6 Zone MP3/FM Tuner Mixer Amplifiers **RH8070MF/RH8130MF/RH8260MF/RH8360MF/RH8500MF**

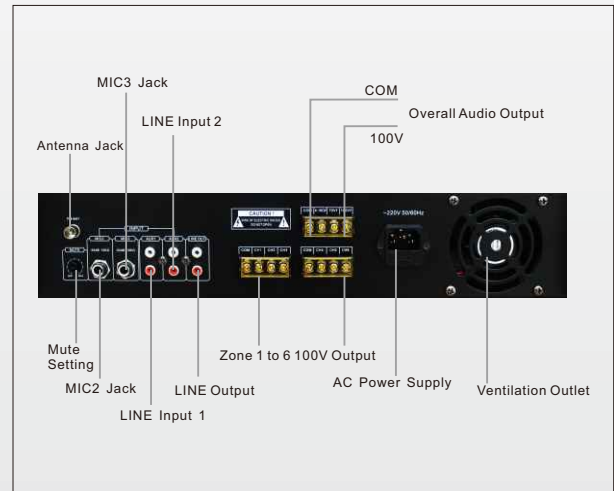


Features

The 6 Zone MP3/FM Tuner Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ Built-in SD/U disk MP3 player and FM tuner 87.5 MHz~108 MHz.
- ※ 6 zones 100V speaker outputs with separate switch ON/OFF & LED indicator.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH8070MF	RH8130MF	RH8260MF	RH8360MF	RH8500MF
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms(Ω) and 70V/100V				
MIC Input	MIC:600 ohms(Ω)5mV~8mV, unbalanced				
Line Input	10K ohms(Ω)150mV~470mV, unbalanced				
Line Output	0.775(0 dBV)				
Frequency Response	60Hz~15kHz z(±3 dB)				
THD	<0.5% at 1kHz, 1/3 rated power				
S/N	Line:85dB, MIC:>72dB				
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)				
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation				
Output Regulation	<3 dB, from level without signal to be loaded fully				
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control <3 dB, from level without signal to be loaded fully				
Cooling	DC12V FAN				
Indicators	DC12V FAN ; Power: 'POWER'; level: '0, 2, 4, 6, 8, 10' AC FUSE×8A				
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m				
Power Supply	AC 220V ±10% 50-60Hz				
Power Consumption	95W	185W	350W	485W	675W
Dimension	89(H)×483(W)×350(D)mm				
Packing Size	185(H)×520(W)×435(D)mm				
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg

Power Amplifier **RH8360W/RH8460W/RH8660W**

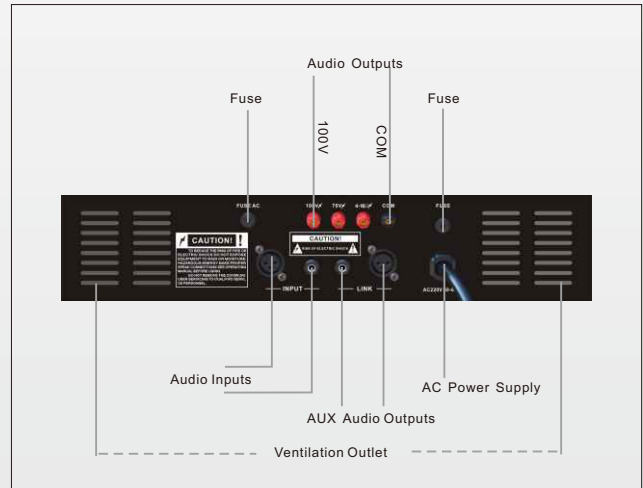


Features

The Series of PA Power Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 350W/450W/650W available.
- ※ 70V/100V and 4~16Ω loads.
- ※ RCA and XLR input sockets for convenient link.
- ※ Volume controller.
- ※ 5 level indicators.
- ※ Protections of short circuit, overload, high temperature.

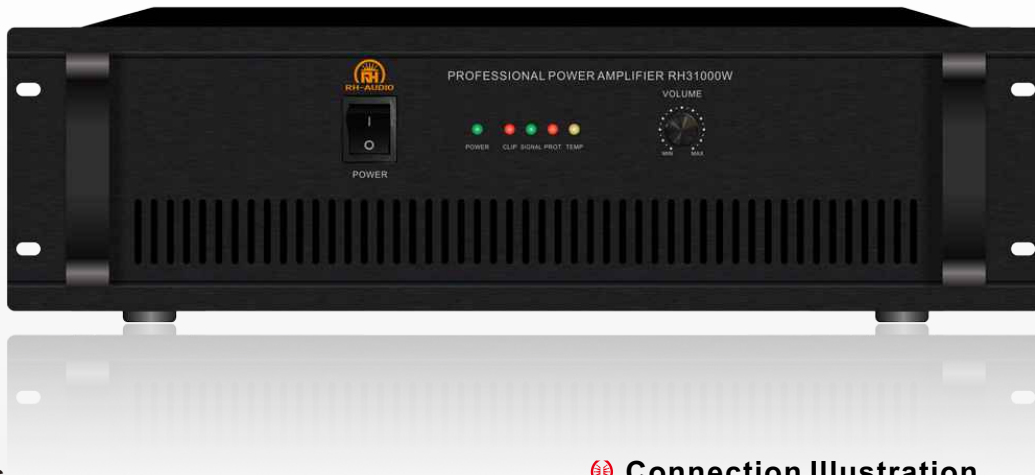
Connection Illustration



Specifications

Model	RH8360W	RH8460W	RH8660W
Rated Power	350W	450W	650W
Output Mode	4-16 ohms(Ω) and 70V/100V		
Line Input	10k ohms(Ω) <1V, unbalanced		
Line Output	10k ohms(Ω) 0.775V(0 dB), unbalanced		
Frequency Response	60Hz~15kHz(±3dB)		
THD	<0.5% at 1kHz, 1/3 rated power		
S/N	>70 dB		
Damping Factor	200		
Slew Rate	15V/ μS		
Output Regulation	<3 dB, from level without signal to be loaded fully		
Controls	1 volume control, power on/off		
Cooling	DC12V FAN		
Indicators	TEMP, POWER, CLIP, SIGNAL, PROT		
Protection	AC FUSE×10A	AC FUSE×12A	AC FUSE×15A
Power Cable	(3×0.75mm ²)×1.5m		
Power Supply	AC 220V ±10% 50-60Hz		
Power Consumption	485W	620W	880W
Dimension	89(H)×483(W)×366(D)mm		
Packing Size	185(H)×520(W)×435(D)mm		
N.W	15.2kg	17.8kg	19.8kg
G.W	16.8kg	19.3kg	21.5kg

High Power Amplifier **RH81000W/RH81500W/RH82000W**

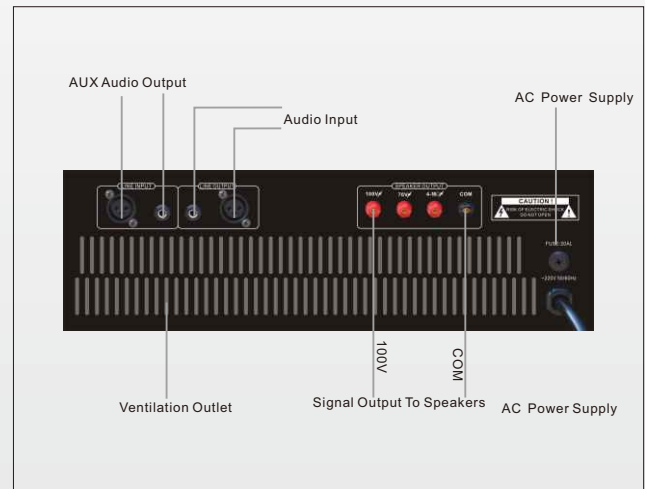


Features

The Series of PA Power Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 1000W/1500W/2000W available.
- ※ 70V/100V and 4~16Ω loads.
- ※ RCA and XLR input sockets for convenient link.
- ※ Volume controller.
- ※ 5 level indicators.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH81000W	RH81500W	RH82000W
Rated Power	1000W	1500W	2000W
Output Mode	4-16 ohms(Ω) and 70V/100V		
Line Input	10k ohms(Ω) <1V, unbalanced		
Line Output	10k ohms(Ω) 0.775V(0 dB), unbalanced		
Frequency Response	60Hz~15kHz(±3dB)		
THD	<0.5% at 1kHz, 1/3 rated power		
S/N	>105 dB		
Damping Factor	600		
Slew Rate	40V/ μS		
Output Regulation	<3 dB, from level without signal to be loaded fully		
Controls	1 volume control, power on/off		
Cooling	DC12V FAN		
Indicators	TEMP, POWER, CLIP, SIGNAL, PROT		
Protection	AC FUSE×10A	AC FUSE×12A	AC FUSE×15A
Power Cable	(3×1.5 mm ²)×1.5m		
Power Supply	AC 220V ±10% 50-60Hz		
Power Consumption	1350W	2000W	2500W
Dimension	132(H)×486(W)×483(D)mm		
Packing Size	225(H)×610(W)×585(D)mm		
N.W	25kg	27kg	31kg
G.W	27.5kg	30kg	34.5kg

Compact MP3/FM Tuner Mixer Amplifiers **RH1060M/RH1120M**



Optional: with 2CH wireless microphone

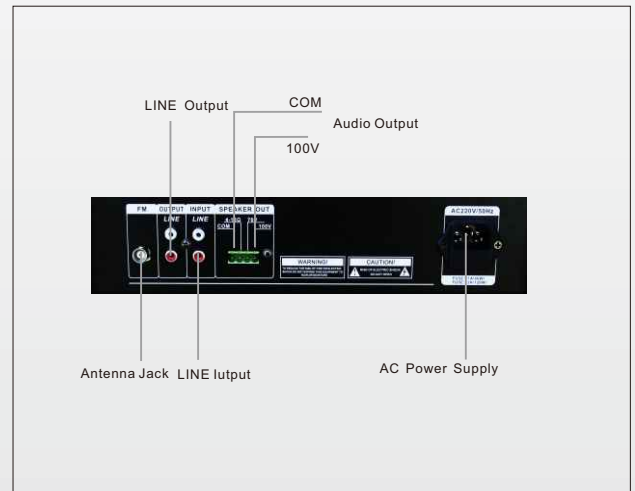
Features

The Compact MP3/FM Tuner Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed in small PA system designs.

- ※ Power rates: 60W/120W.
- ※ Built-in players of USB/SD, and FM tuner 87.5 MHz~108 MHz.
- ※ High-definition display for the working status of playing programmes.
- ※ 70V/100V and 4~16Ω loads.
- ※ 2 MIC inputs, 1 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.

Specifications

Connection Illustration



Model	RH1060M	RH1120M
Rated Power	60W	120W
Output Mode	4-16 ohms(Ω) and 70V/100V	
MIC Input	MIC:600 ohms(Ω)5mV~10mV, unbalanced	
Line Input	10K ohms(Ω)150mV~470mV, unbalanced	
Line Output	0.775(0 dBV)	
Frequency Response	60Hz~15kHz z(±3 dB)	
THD	<0.5% at 1kHz, 1/3 rated power	
S/N	Line:85dB ,MIC:>72dB	
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)	
Mute Function	MIC1 overrides MIC2,AUX1 inputs	
Output Regulation	<3 dB, from level without signal to be loaded fully	
Controls	3 volume controls, 1 treble control, 1 bass control	
Cooling	DC12V FAN	
Indicators	DC12V FAN; Power: 'POWER'; level:'0,2,4,6,8,10'	
Protection	AC FUSE X 1A	AC FUSE X 2A
Power Cable	(3×0.75mm ²)×1.5m	
Power Supply	AC 220V ±10% 50-60Hz	
Power Consumption	84W	168W
Dimension	72(H)×305(W)×275(D) mm	
Packing Size	130(H)×345(W)×345(D) mm	
N.W	5.0 Kg	5.5 Kg
G.W	5.7 Kg	6.2 Kg

Compact Mixer Amplifier **RH103P/RH106P/RH112P**

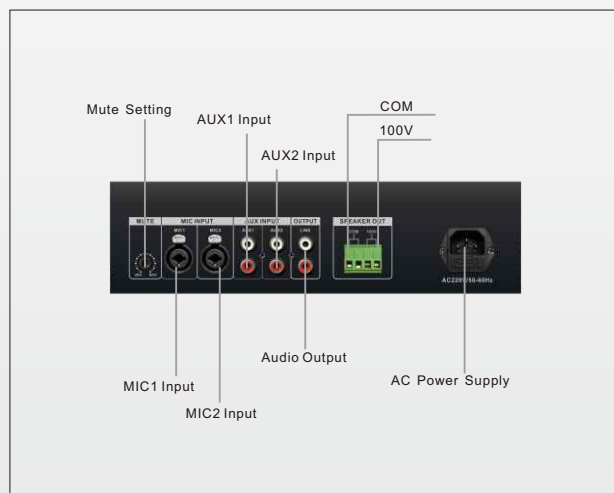


Features

The Compact Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in small PA system designs.

- ※ Power rates: 30W/60W/120W available.
- ※ 100V speaker load (70V optional).
- ※ 2 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Three 48V Phantom Power sockets support unbalanced 6.5Ø jack or balanced XLR jack.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Connection Illustration



Specifications

Model	RH103P	RH106P	RH112P
Rated Power	30W	60W	120W
Output Mode	100V		
MIC Input	MIC: 600 ohms(Ω) 5mV~8mV, unbalanced		
Line Input	10K ohms(Ω) 150mV~470mV, unbalanced		
Line Output	0.775(0 dBV)		
Frequency Response	60Hz~15kHz z(±3 dB)		
THD	< 0.5% at 1kHz, 1/3 rated power		
S/N	Line: 85dB, MIC: >72dB		
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)		
Mute Function	MIC1 overrides MIC2, AUX1, AUX2 with 0~30dB dB attenuation		
Output Regulation	< 3 dB, from level without signal to be loaded fully		
Controls	5 volume controls, 1 treble control, 1 bass control, 1 mute control < 3 dB, from level without signal to be loaded fully		
Cooling	DC12V FAN		
Indicators	DC12V FAN; Power: 'POWER'; level: 'PROT, CLIP, 0, -6, -2'		
Protection	AC FUSE X 1A	AC FUSE X 2A	AC FUSE X 2A
Power Cable	(3×0.75mm ²) × 1.5m		
Power Supply	AC 220V ±10% 50-60Hz		
Power Consumption	58W	84W	168W
Dimension	75(H)X280(W)X240(D)mm		
Packing Size	133(H)X330(W)X305(D)mm		
N.W	4.5 Kg	5.0 Kg	5.5 Kg
G.W	5.0 Kg	5.7 Kg	6.2 Kg

MP3/FM Mixer Amplifiers

RH2806M/RH2812M/RH2824M/RH2835M/RH2850M/RH2865M



Features

The Series of MP3/FM Tuner Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W/650W available.
- ※ Amplifier can be operated on either AC power or DC 24V.
- ※ Built-in USB/SD MP3 player and FM tuner 87.5 MHz~108 MHz.
- ※ Built-in the chime circuitry with pushbutton and volume control.
- ※ 70V/100V and 4~16Ω loads.
- ※ 4 MIC inputs, 3 AUX inputs, 1 LINE output.
- ※ MIC1 has priority over other inputs.
- ※ Three 48V Phantom Power sockets support unbalanced 6.5Ø jack or balanced XLR jack.
- ※ MIC & AUX inputs volume can be controlled.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ Protections of short circuit, overload, high temperature.

View with rack mounting brackets



Specifications

Model	RH2806M	RH2812M	RH2824M	RH2835M	RH2850M	RH2865M
Rated Power	60W	120W	240W	350W	500W	650W
Output Mode	Overall 4-16 ohms(Ω) and 70V/100V					
MIC Input	Four 48V Phantom Power sockets support unbalanced 6.5Ø jack or balanced XLR jack					
Line Input	10K ohms(Ω)150mV~470mV, unbalanced					
Line Output	0.775(0 dBV)					
Frequency Response	60Hz~15kHz (±3 dB)					
THD	<0.5% at 1kHz, 1/3 rated power					
S/N	Line:85dB, MIC:>72dB					
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)					
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation					
Output Regulation	<3 dB, from level without signal to be loaded fully					
Controls	7 volume controls, 1 treble control, 1 bass control, 1 mute control<3 dB, from level without signal to be loaded fully					
Cooling	DC12V FAN					
Indicators	DC12V FAN; Power: 'POWER'; level: 'PROT, CLIP 0, -8, -6, -4, -2'					
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m					
Power Supply	AC 220V ±10% 50-60Hz and DC 24V					
Power Consumption	95W	185W	350W	485W	675W	850W
Dimension	89(H)×483(W)×350(D)mm			89(H)×430(W)×340(D)mm		
Packing Size	185(H)×520(W)×435(D)mm			185(H)×468(W)×425(D)mm		
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg	16.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg	18.2W

5 Zone MP3/FM Tuner Mixer Amplifier RH2806ZM/RH2812ZM/RH2824ZM/RH2835ZM/RH2850ZM/RH2865ZM



Features

The Series of 5 Zone MP3/FM Tuner Mixer Amplifiers are designed for background music, paging and public address system installations, these units are exceptional values, loaded with features, and are easy to be installed to install in a variety of system designs.

- ※ Power rates: 60W/120W/240W/350W/500W/650W available.
- ※ Amplifier can be operated on either AC power or DC 24V.
- ※ Built-in USB/SD MP3 player and FM tuner 87.5 MHz~108 MHz.
- ※ 5 zone 100V speaker outputs with separate switch ON/OFF & LED indicator and with separate volume control.
- ※ Selector switch allows for independent or all zone broadcast.
- ※ Built-in the chime circuitry with pushbutton and volume control.
- ※ Overall 70V/100V and 4~16Ω loads.
- ※ 4 MIC inputs, 3 AUX inputs, 1 LINE output.
- ※ MIC1 has priority over other inputs.
- ※ Four 48V Phantom Power sockets support unbalanced 6.5Ø jack or balanced XLR jack.
- ※ MIC & AUX inputs volume can be controlled.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ Protections of short circuit, overload, high temperature.

Specifications

View with rack mounting brackets



Model	RH2806ZM	RH2812ZM	RH2824ZM	RH2835ZM	RH2850ZM	RH2865ZM
Rated Power	60W	120W	240W	350W	500W	650W
Output Mode	Overall 4-16 ohms(Ω) and 70V/100V; 5 zone 100V speaker outputs (70V optional)					
MIC Input	Four 48V Phantom Power sockets support unbalanced 6.5Ø jack or balanced XLR jack					
Line Input	10K ohms(Ω) 150mV~470mV, unbalanced					
Line Output	0.775(0 dBV)					
Frequency Response	60Hz~15kHz z(±3 dB)					
THD	< 0.5% at 1kHz, 1/3 rated power					
S/N	Line: 85dB, MIC: > 72dB					
Tone Control	BASS: 100Hz(±10dB), TREBLE: 12KHz(±10 dB)					
Mute Function	MIC1 overrides MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation					
Output Regulation	< 3 dB, from level without signal to be loaded fully					
Controls	7 volume controls, 1 treble control, 1 bass control, 1 mute control < 3 dB, from level without signal to be loaded fully					
Cooling	DC12V FAN					
Indicators	DC12V FAN; Power: 'POWER'; level: 'PROT, CLIP 0, -8, -6, -4, -2'					
Protection	AC FUSE×4A	AC FUSE×4A	AC FUSE×6A	AC FUSE×6A	AC FUSE×8A	AC FUSE×8A
Power Cable	(3×0.75mm ²)×1.5m					
Power Supply	AC 220V ±10% 50-60Hz and DC 24V					
Power Consumption	95W	185W	350W	485W	675W	850W
Dimension	89(H)×483(W)×350(D)mm			89(H)×430(W)×340(D)mm		
Packing Size	185(H)×520(W)×435(D)mm			185(H)×468(W)×425(D)mm		
N.W	10.5kg	11.5kg	13.8kg	14.5kg	15.5kg	16.5kg
G.W	11.8kg	13.1kg	15.4kg	15.8kg	17.2kg	18.2W

MP3 Program Player

RH2805M



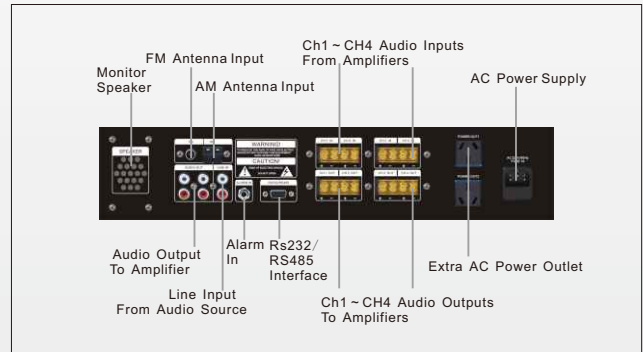
Features

- ※ LCD display.
- ※ With timer supporting to play according to time schedule.
- ※ Supports formats of MP3/WMA.
- ※ MIC and AUX inputs, individual volume control.
- ※ FLASH memory.
- ※ With two extra power outlets.
- ※ 4 channels for audio signal.
- ※ Built-in monitor speaker.
- ※ Built-in FM/AM radio.

Specifications

Model	RH2805M
Line Input	10K ohms(Ω) 330mV. unbalanced
MIC Input	600 ohms(Ω) 5~8mV. unbalanced
Line Output	10K ohms(Ω) 500mV. unbalanced
Memory Capacity	128M, 256M, 512M (optional)
Extra AC Power Outputs	Two AC power outputs
Channels Controlled	CH1~CH4
Monitor Speaker	Full range speaker 5W
S/N	>90dB
Frequency Response	20Hz~18KHz
Power Cable	(3×1.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	15~20W
Dimension	89(H)×483(W)×350(D)mm
Packing Size	185(H)×520(W)×435(D)mm
N.W	6.42kg
G.W	7.16kg

Connection Illustration



CD/DVD Player

RH2812CD



Features

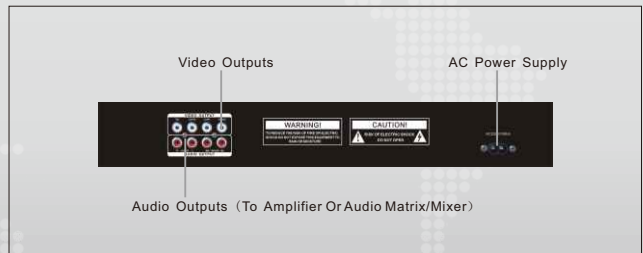
The USB/CD/DVD Player is an ideal as a background music source in a sound system of all sizes. With original splendid fluorescence dynamic screen on aluminum panel, this player provides you super decoding solution and strong Disc correction function.

- ※ Full functional infra-red leisurely remote controlling operation.
- ※ Built-in MP3 player with a USB slot for connecting external U Disk.
- ※ VIDEO output: 1VP-P.
- ※ AUDIO output: 1.5V.
- ※ With 19" rack mount bracket.
- ※ Supports more formats: DVD, VCD, CD, HDCD, DIVX, SVCK, MPEG4, Np3, WMA, CDR/RW format disc and auto play function.

Specifications

Model	RH2812CD
Audio Output	0.775V±0.2V (Output Impedance 600 Ohm)
Video Output	0.775V±0.2V (Output Impedance 75 Ohm)
Distortion	≤-60dB
S/N	≥80dB
Frequency Response	20Hz~18KHz
Power Cable	(2×0.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	10~15W
Dimension	51(H)×483(W)×250(D)mm
N.W	2.7kg
G.W	3.8kg

Connection Illustration



Digital AM/FM Tuner

RH2813RF



Features

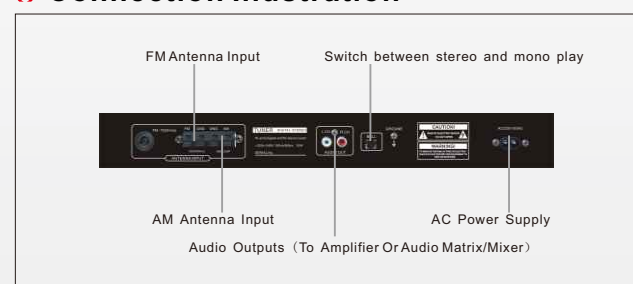
The Digital AM/FM Tuner is an ideal as a background music source in a sound system of all sizes. It incorporates a digital PLL synthesized tuner for precise reception of AM and FM signals.

- ※ Manual and automatic tuning with remote control.
- ※ Attractive 1U rack mount case.
- ※ Provides the full range of FM frequency from 87.5 to 108MHz, the AM frequency range is from 522 to 1620KHz.
- ※ Tuning is accomplished by pushbutton with frequency readout appearing on a backlit LCD display panel.
- ※ Preset stations to memory by storing AM/FM stations in advance, user can easily recall a broadcast station by designating the corresponding preset memory channel.
- ※ Push-release connectors are provided for an external AM loop antenna and FM dipole antennas are included with this unit.

Specifications

Model	RH2813RF
Rated Power	75 ohms
Audio Output	<500mV,10K ohms(Ω), unbalanced
Frequency Range	AM: 522KHz~1620KHz, FM: 87MHz~108MHz
Distortion	<0.01% at 1KHz
S/N	AM>40dB, FM>45dB
Frequency Response	20Hz~18KHz
Power Cable	(2×0.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	10~15W
Dimension	51(H)×483(W)×250(D)mm
N.W	2.3kg
G.W	3.1kg

Connection Illustration



Dual Cassette Deck

RH2838K



Features

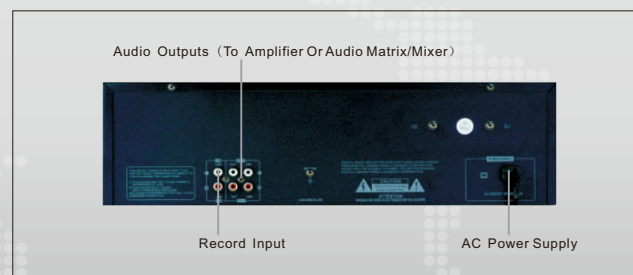
The Dual Cassette Deck is an ideal as a background music source in a sound system of all sizes, dual auto reverse lets you copy both sides of a tape with the press of button, or relay-play both sides of two tapes without interruption. also includes Dolby B and C noise reduction reduction to effectively eliminate tape hiss, auto-spacing to insert blank spaces between songs, high-speed dubbing, rec-level control, CD synchro recording, level meters, an auto tape-bias selector. With its two tape transports, the CP686 makes it easy to dub cassettes at regular or high speed, and you can configure the unit to relay-play from one deck to the other.

- ※ Featuring two cassette decks, one playback and one play/record.
- ※ Auto-reverse dual deck system.
- ※ A:play,B:play and record.
- ※ Continuous play with direction control.
- ※ Hi-speed dubbing.
- ※ DNR noise reduction system.

Specifications

Model	RH2838K
Audio Input	80mV/50k.MIN
Audio Output	<400mV,10K ohms(Ω), unbalanced
Harmonic Distortion	K305% THD 1%
S/N	>50dB
Frequency Response	20Hz~18KHz
Power Cable	(2×0.5 mm ²)×1.5m
Power Supply	AC 220V ±10% 50-60Hz
Power Consumption	10~15W
Dimension	120(H)×430(W)×260(D)mm
N.W	4.8kg
G.W	5.5kg

Connection Illustration



Paging Microphone with CHIME tune

RH300MC/RH301MC



RH300MC

Features

Compact desktop paging microphone with goose-neck positioning flexibility for sound reinforcement applications, ideal for PA system or any podium.

- ※ Exudes excellent speech and intelligibility.
- ※ Cuts through noisy backgrounds of live miking situations and large gatherings.
- ※ Effective control of feedback, reduced ambient handling noise, and low sensitivity to breath and popping sounds.
- ※ Features a wire-mesh wind filter.
- ※ Table stand with on/off switch.

Specifications

Model	RH300MC
Frequency Response	40Hz~16KHz
Capsule Type	Condenser
Polar Pattern	Super Cardioid
Output Impedance	200 Ω
Sensitivity	-38dB ± 2
Power Supply	DC9V/AC220V
Sound Pick-up Distance	40cm
Gooseneck Length	420mm
Cable Length	10m
Battery Working Time	18 hours
N.W	0.67kg



RH301MC

Features

Compact desktop paging microphone with goose-neck positioning flexibility for sound reinforcement applications, ideal for PA system or any podium.

- ※ Exudes excellent speech and intelligibility.
- ※ Cuts through noisy backgrounds of live miking situations and large gatherings.
- ※ Effective control of feedback, reduced ambient handling noise, and low sensitivity to breath and popping sounds.
- ※ Features a wire-mesh wind filter.
- ※ Table stand with on/off switch.

Specifications

Model	RH301MC
Frequency Response	40Hz~16KHz
Capsule Type	Condenser
Polar Pattern	Super Cardioid
Output Impedance	200 Ω
Sensitivity	-45dB ± 2
Power Supply	DC9V/AC220V
Sound Pick-up Distance	40cm
Gooseneck Length	390mm
Cable Length	10m
Battery Working Time	18 hours
N.W	0.72kg

2CH UHF Wireless Microphone

RH330U/RH331U



← RH330U RH331U →



Features

- ※ Using UHF640-840MHz band to avert interfering frequency.
- ※ All using quartz crystal oscillating circuits so the frequency is very steady.
- ※ Special design companding circuit, strongly improve S/N ratio.
- ※ Multilevel quiet control circuit, to avoid interference signal from outside open the mute system.
- ※ Using excellent dynamic cardioid direct cartridge, the timbre bright and clear.
- ※ All ready output and input socket, it will be more convenience to connect every equipment.

Specifications

Model	RH330U	RH331U
Overall		
Frequency Range	UHF640~840MHZ	
Stability	< ± 20PPM	
Dynamic Range	> 95dB	
T.H.D	< 0.5dB	
Frequency Response	50Hz~18KHZ (± 3dB)	
Audio Output	0~300mV	
Receiver		
Power Requirement	DC15~18V	
Power Consumption	5WATER	4WATER
S/N	> 95dB	
Image Rejection	> 80dB	
ACI	> 80dB	
Sensitivity	> 5dBu (SINAD=20dB)	
Measurement	420X75X50mm	480X200X50mm
Microphone		
RF Power	+ 10dBm	
Mode	FM	
Frequency Deviation	± 40KHz	
Power Requirement	1.5Vx2	1.5Vx2

2CH UHF Wireless Microphone

RH360U



Features

- ※ Using UHF700-880MHz band to avert interfering frequency.
- ※ All using quartz crystal oscillating circuits so the frequency is very steady.
- ※ Special design companding circuit, strongly improve S/N ratio.
- ※ Multilevel quiet control circuit, to avoid interference signal from outside open the mute system.
- ※ Using excellent dynamic cardioid direct cartridge, the timbre bright and clear.
- ※ All ready output and input socket, it will be more convenience to connect every equipment.

Specifications

Model	RH360U
Overall	
Frequency Range	UHF700~880MHZ
Stability	< ±20PPM
Dynamic Range	95dB
T.H.D	<0.5dB
Frequency Response	50Hz~18KHZ(±3dB)
Audio Output	0~300mV
Receiver	
Power Requirement	DC15~18V
Power Consumption	4W ATER
S/N	>98dB
Image Rejection	>85dB
ACI	>85dB
Sensitivity	>5dBu(SINAD=20dB)
Measurement	430X190X45mm
Microphone	
RF Power	+12dBm
Mode	FM
Frequency Deviation	±40KHz
Power Requirement	1.5Vx2

4CH UHF Wireless Microphone

RH335U



Features

- ※ Using UHF640-840MHz band to avert interfering frequency.
- ※ All using quartz crystal oscillating circuits so the frequency is very steady.
- ※ Special design companding circuit, strongly improve S/N ratio.
- ※ Multilevel quiet control circuit, to avoid interference signal from outside open the mute system.
- ※ Using excellent dynamic cardioid direct cartridge, the timbre bright and clear.
- ※ All ready output and input socket, it will be more convenience to connect every equipment.

Specifications

Model	RH335U
Overall	
Frequency Range	UHF640~840MHZ
Stability	< ±20PPM
Dynamic Range	>95dB
T.H.D	<0.5dB
Frequency Response	50Hz~18KHZ(±3dB)
Audio Output	0~300mV
Receiver	
Power Requirement	DC15~18V
Power Consumption	5W ATER
S/N	>95dB
Image Rejection	>80dB
ACI	>80dB
Sensitivity	>5dBu(SINAD=20dB)
Measurement	480X200X50mm
Microphone	
RF Power	+10dBm
Mode	FM
Frequency Deviation	±40KHz
Power Requirement	1.5Vx2

UHF Wireless Microphone

RH840U



Features

- ※ Using UHF640-840MHz band to avert interfering frequency.
- ※ All using quartz crystal oscillating circuits so the frequency is very steady.
- ※ Special design companding circuit, strongly improve S/N ratio.
- ※ Multilevel quiet control circuit, to avoid interference signal from outside open the mute system.
- ※ Using excellent dynamic cardioid direct cartridge, the timbre bright and clear.
- ※ All ready output and input socket, it will be more convenience to connect every equipment.

Specifications

Model	RH840U
Overall	
Frequency Range	UHF640~840MHZ
Stability	< ±20PPM
Dynamic Range	> 95dB
T.H.D	< 0.5dB
Frequency Response	50Hz~18KHz(±3dB)
Audio Output	0~300mV
Receiver	
Power Requirement	DC15~18V
Power Consumption	5W ATER
S/N	> 98dB
Image Rejection	> 85dB
ACI	> 85dB
Sensitivity	> 5dBu(SINAD=20dB)
Measurement	420×210×43mm
Microphone	
RF Power	+12dBm
Mode	FM
Frequency Deviation	±40KHz
Power Requirement	1.5Vx2

UHF Wireless Microphone

RH860U



Features

- ※ Using UHF640-840MHz band to avert interfering frequency.
- ※ All using quartz crystal oscillating circuits so the frequency is very steady.
- ※ Special design companding circuit, strongly improve S/N ratio.
- ※ Multilevel quiet control circuit, to avoid interference signal from outside open the mute system.
- ※ Using excellent dynamic cardioid direct cartridge, the timbre bright and clear.
- ※ All ready output and input socket, it will be more convenience to connect every equipment.

Specifications

Model	RH860U
Overall	
Frequency Range	UHF640~840MHZ
Stability	< ±20PPM
Dynamic Range	> 95dB
T.H.D	< 0.5dB
Frequency Response	50Hz~18KHz(±3dB)
Audio Output	0~300mV
Receiver	
Power Requirement	DC15~18V
Power Consumption	5W ATER
S/N	> 98dB
Image Rejection	> 85dB
ACI	> 85dB
Sensitivity	> 5dBu(SINAD=20dB)
Measurement	420×210×43mm
Microphone	
RF Power	+12dBm
Mode	FM
Frequency Deviation	±40KHz
Power Requirement	1.5Vx2

Active Column Speaker (Outdoor/Indoor)

RH804W/RH806W

Features

The Active Column Speakers produce good clear sound and acoustical clarity, suitable for indoor and outdoor applications. Even in extreme weather conditions, the aluminium alloy cases with top and bottom plates are fully dust and weatherproof, IP65 rated. Ideal for outdoor applications in stations, schools, stadiums, hotels, shopping malls, parks, gardens, hospitals, etc.

- ※ Built-in amplifier and 2-way speakers.
- ※ Weatherproof, IP65 rated.
- ※ Aluminium alloy material.
- ※ AC 220V or 110V operation.
- ※ Wall mounting bracket is supplied.

Specifications

Model	RH804W	RH806W
Rated Power	40W	60W
Peak Power	60W	90W
Line Input	52K ohms(Ω) 600mV, unbalanced	
Frequency Response	100Hz~20KHZ(±3dB)	
THD	<1% at 1kHz, 1/3 rated power	
S/N	>70dB	
Sensitivity	>35mV	
Speaker Unit	6.5" woofer, 1.5" tweeter	
Protection	AC FUSE×T1.6A×1	
Power Consumption	90W	120W
Installation	Wall mount with bracket	
Material	Aluminium alloy	
Power Cable	(3×0.75mm)×0.6M	
Power Supply	AC 220V± 10% 50~60Hz	
Dimension	500(H)×220(W)×120(D) mm	



Active Column Speaker (Outdoor/Indoor)

RH511W/RH512W/RH513W

Features

The Active Column Speakers produce good clear sound and acoustical clarity, suitable for indoor and outdoor applications. Even in extreme weather conditions, the aluminium alloy cases with top and bottom plates are fully dust and weatherproof, IP65 rated. Ideal for outdoor applications in stations, schools, stadiums, hotels, shopping malls, parks, gardens, hospitals, etc.

- ※ Built-in amplifier.
- ※ Weatherproof, IP65 rated.
- ※ Aluminium alloy material.
- ※ AC 220V or 110V operation.
- ※ Wall mounting bracket is supplied.

Specifications

Model	RH511W	RH512W	RH513W
Rated Power	10W	20W	30W
Peak Power	15W	30W	45W
Line Input	4.7K ohms(Ω) 330mV, unbalanced		
Frequency Response	100Hz~20KHZ(±3dB)		
THD	<1% at 1kHz, 1/3 rated power		
S/N	>70dB		
Slew Rate	1V/uS		
Speaker Unit	4"×1	4"×2	4"×3
Protection	AC FUSE×T1.5A×1		
Power Consumption	30W	45W	65W
Installation	Wall mount with bracket		
Material	Aluminium alloy		
Power Cable	(3×0.75mm)×0.6M		
Power Supply	AC 220V± 10% 50~60Hz		
Dimension	378×151×115 mm	498×151×115 mm	618×151×115 mm
N.W	3.3kg	4.3kg	5.1kg



2.0 Active Wall Mount Speaker

RH609W/RH619W



Features

The 2.0 Active Wall Mount Speakers produce good clear sound and acoustical clarity, suitable for AV applications such as meeting rooms, multi-media class rooms for small presentations.

- ※ Built-in 2CH digital stereo amplifier (Class D).
- ※ Two rated power available 20W and 30W.
- ※ Available in white and black.
- ※ Two way speaker system with woofer and tweeter.
- ※ Volume, treble and bass controls.
- ※ 3.5mm MIC jack.
- ※ Hi-fi sound quality
- ※ Mounting bracket is supplied.

Specifications

Model	RH609W	RH619W
Rated Power	20W×2@8Ω	30W×2@8Ω
Line Input	4.7k ohms(Ω)330mV, unbalanced	
Frequency Response	80Hz-18KHz/1W, ±0.5dB	70Hz-18KHz/1W, ±0.5dB
THD	20Hz-20KHz/1W, 0.05%	
S/N	>95dB	>98dB
Speaker Unit	5"×1+1"×1	6.5"×1+1"×1
Protection	AC FUSE×T1.5A×1	AC FUSE×T2.0A×1
Power Consumption	80W	100W
Installation	Wall mount with bracket	
Material	ABS enclosure, metal bracket	
Power Cable	(2×0.5mm)×1.5M	
Power Supply	220V-240V/50Hz-60Hz	
Dimension	(HxWxD) 250 x185 x170 mm	(HxWxD) 295 x215 x200 mm

2.4G Active Wall Mount Speaker

RH609G



Features

The 2.0 Active Speaker consists of one main active speaker & one sub passive speaker, the main active speaker "L" with built-in 2-channel "L&R" stereo amplifiers 20W×2.

The main active speaker "L" equipped with an antenna receives the signal from the 2.4G transmitter.

This active speaker system produces good clear sound and acoustical clarity, suitable for AV applications such as schools, meeting rooms, multi-media rooms for small presentations.

- ※ Built-in 2CH digital stereo amplifier (Class D).
- ※ Two way speaker system with woofer and tweeter.
- ※ "U" shaped adjustable mounting bracket is supplied.

Specifications

Model	RH609G
Rated Power	20W×2@8Ω
Line Input	4.7k ohms(Ω)330mV, unbalanced
Frequency Response	60Hz-18KHz/1W, ±0.5dB
THD	20Hz-20KHz/1W, 0.05%
S/N	>95dB
Speaker Unit	5"×1+1"×1
Protection	AC FUSE×T1.5A×1
Power Consumption	80W
Installation	Wall Mount
Material	ABS enclosure, metal bracket
Power Cable	(2×0.5mm)×1.5M
Power Supply	220V-240V/50Hz-60Hz
Dimension	(HxWxD) 250 x185 x170 mm

Active Wall Mount Speaker **RH108W**



Features

This Active Wall Mount Speaker is designed with built-in amplifier of 10W output power for offering an high cost-effective solution. TV, laptop or DVD player outputs could be easily fed into this speaker. It is an ideal economy choice for industrial and commercial applications in hotels, schools and factories where background music and paging is needed.

- ※ Built-in 10W amplifier.
- ※ 2 way of 6" woofer and 1" tweeter.
- ※ ABS material.
- ※ Easy to install.
- ※ With volume control.

Specifications

Model	RH108W
Rated Power	10W
Line Input	4.7k ohms(Ω)330mV, unbalanced
Frequency Response	100Hz-20KHz±3dB
THD	20Hz-20KHz/1W, 0.05%
S/N	>70 dB
Speaker Unit	6"×1+1"×1
Protection	AC FUSE×T0.5A×1
Power Consumption	20W
Installation	Wall mount
Material	ABS
Power Cable	(2×0.5mm)×1.5M
Power Supply	AC 220V ± 10% 50-60Hz
Dimension	275(H)×182(W)×120(D) mm
N.W	1.38W

Active In-ceiling Speaker **RH225W/RH223W/RH226W**



RH225W (coaxial)



RH223W/RH226W

Features

These Active Ceiling Speakers are designed with built-in amplifier of 10W output power for offering an high cost-effective solution. TV, laptop or DVD player outputs could be easily fed into this speaker. It is an ideal economy choice for industrial and commercial applications in hotels, offices and meeting rooms where background music and paging is needed.

- ※ Built-in amplifier.
- ※ ABS material
- ※ Easy to install.
- ※ With back cover.
- ※ Anti-aging, high sensitivity, clear sound and reliable performance.

Specifications

Model	RH225W	RH223W	RH226W
Rated Power	10W	6W	10W
Line Input	4.7k ohms(Ω)330mV, unbalanced		
Frequency Response	60Hz-20KHZ(±3dB)	100Hz-20KHZ(±3dB)	80Hz-15KHZ(±3dB)
THD	<1% at 1kHz, 1/3 rated power		
S/N	>76dB		
Speaker Unit	5"×1	4"×1	6"×1
Protection	AC FUSE×T0.5A×1		
Power Consumption	15W	10W	15W
Installation	In-ceiling		
Material	ABS		
Power Cable	(3×0.75mm ²)×1.5m		
Power Supply	AC 220V ± 10% 50-60Hz		
Dimension	Φ 220×165	Φ 180×100	Φ 210×100
Cutting Hole	Φ 180	Φ 160	Φ 190
N.W	1.65kg	0.95kg	1.35kg

Indoor Column Speaker **RH-CS62/RH-CS63/RH-CS64**



Features

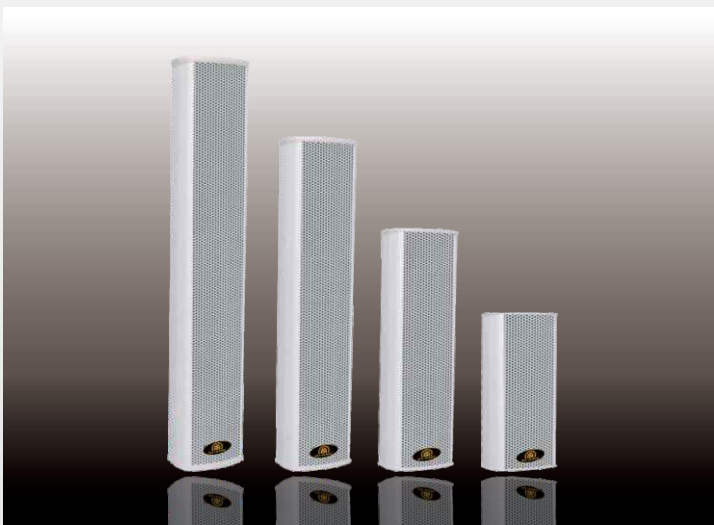
These Column Speakers produce good clear sound and acoustical clarity for background music and paging, suitable for indoor applications such as hotels, stations, offices, restaurants, etc.

The wooden enclosure and fabric grille are of grey color, easy and secure wall mount through the mounting hook.

Specifications

Model	RH-CS62	RH-CS63	RH-CS64
Rated Power	10W/20W	15W/30W	20W/40W
Audio Input	70V/100V		
Frequency Response	130Hz-15KHz		
Sensitivity	92±3dB	93±3dB	94±3dB
Dimension	360*160*115mm	485*160*115mm	610*160*115mm
Installation	Indoor wall mount		
Material	Wood enclosure/fabric mesh		
N.W	3kg	4kg	5kg
Speaker Unit	4**2	4**3	4**4

Outdoor/Indoor Column Speaker **RH-CS32/RH-CS34/RH-CS36/RH-CS38**



Features

These Column Speakers produce good clear sound and acoustical clarity for background music and paging, suitable for indoor applications such as hotels, stations, offices, restaurants, etc.

With metal extruded aluminum alloy enclosure with cast aluminium top and bottom plates.

Specifications

Model	RH-CS32	RH-CS34	RH-CS36	RH-CS38
Rated Power	5W/10W	10W/20W	15W/30W	20W/40W
Audio Input	70V/100V			
Fre. Response	170Hz-15KHz			
Sensitivity	88±3dB	91±3dB	93±3dB	95±3dB
Dimension	260*106*75mm	405*106*75mm	548*106*75mm	691*106*75mm
Installation	Indoor/Outdoor wall mount			
Material	Aluminium alloy			
N.W	1.34kg	2.04kg	2.74kg	3.46kg
Speaker Unit	2.5**2	2.5**4	2.5**6	2.5**8

Outdoor/Indoor Column Speaker **RH-CS11/RH-CS12/RH-CS13/RH-CS14**



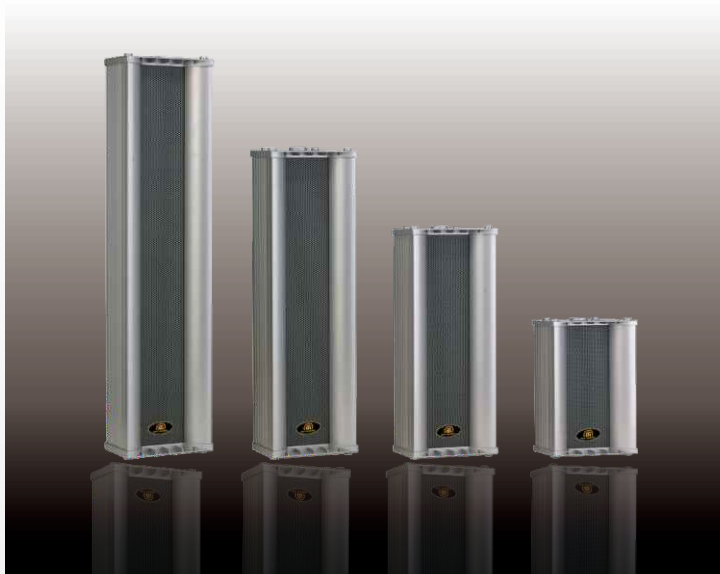
Features

These Full-weather Column Speakers which produce good clear sound and acoustical clarity for background music and paging, suitable for indoor and outdoor applications such as stations, gardens, swimming pools, stadiums, and tennis courts, etc. Even in extreme weather conditions, the all metal extruded aluminum alloy enclosure with cast aluminium top and bottom plates are fully dust and weatherproof, IP65 rated.

Specifications

Model	RH-CS11	RH-CS12	RH-CS13	RH-CS14
Rated Power	5W/10W	10W/20W	15W/30W	20W/40W
Audio Input	70V/100V			
Fre. Response	100Hz-15KHz			
Sensitivity	88±3dB	89±3dB	90±3dB	91±3dB
Dimension	253*152*100mm	373*152*100mm	493*152*100mm	613*152*100mm
Installation	Indoor/Outdoor wall mount			
Material	Aluminium alloy			
N.W	1.6kg	2.54kg	3.28kg	3.92kg
Speaker Unit	4**1	4**2	4**3	4**4

Outdoor/Indoor Column Speaker **RH-CS51/RH-CS52/RH-CS53/RH-CS54**



Features

These Full-weather Column Speakers which produce good clear sound and acoustical clarity for background music and paging, suitable for indoor and outdoor applications such as stations, gardens, swimming pools, stadiums, and tennis courts, etc. Even in extreme weather conditions, the all metal extruded aluminum alloy enclosure with cast aluminium top and bottom plates are fully dust and weatherproof, IP65 rated.

Easy and secure wall mount installation in outdoor area through the supplied metal mounting brackets.

- ※ Durable case.
- ※ Suitable for in/outdoor use.
- ※ Aluminium alloy enclosure and metal grille.

Specifications

Model	RH-CS51	RH-CS52	RH-CS53	RH-CS54
Rated Power	5W/10W	10W/20W	15W/30W	20W/40W
Audio Input	70V/100V			
Fre. Response	100Hz-15KHz			
Sensitivity	89±3dB	92±3dB	94±3dB	95±3dB
Dimension	258*151*125mm	378*151*115mm	498*151*125mm	618*151*115mm
Installation	Indoor/Outdoor wall mount			
Material	Aluminium alloy			
N.W	2.2kg	3.2kg	4.2kg	5kg
Speaker Unit	4**1	4**2	4**3	4**4

Outdoor/Indoor Column Speaker **RH-CS702/RH-CS704/RH-CS706/RH-CS708/RH-CS710/RH-CS712**



Specifications

Model	RH-CS702	RH-CS704	RH-CS706	RH-CS708	RH-CS710	RH-CS712
Rated Power	10W/20W	20W/40W	30W/60W	40W/80W	50W/100W	60W/120W
Audio Input	70V/100V	70V/100V	70V/100V	70V/100V	70V/100V	70V/100V
Fre. Resp.	140Hz-15KHz			140Hz-15KHz		
Sensitivity	93±3dB	94±3dB	95±3dB	96±3dB	97±3dB	98±3dB
Dimension	304*227*125	520*227*125	736*227*125	952*227*125	1168*227*125	1384*227*125
Installation	Indoor/Outdoor wall mount					
Material	Aluminium alloy					
N.W	3.2kg	5kg	6.8kg	8.6kg	10.5kg	12.5kg
Speaker Unit	6**1	6**2	6**3	6**4	6**5	6**6

Outdoor/Indoor Column Speaker **RH-CS806/RH-CS812/RH-CS818/RH-CS824**



Specifications

2-way system with horn tweeter

Model	RH-CS806	RH-C812	RH-CS818	RH-CS824
Rated Power	30W/60W	60W/120W	90W/180W	120W/240W
Audio Input	70V/100V			
Fre. Response	100Hz-15KHz			
Sensitivity	105±3dB	110±3dB	115±3dB	120±3dB
Dimension	430*250*230mm	650*250*230mm	905*250*230mm	1305*250*230mm
Installation	Indoor/Outdoor wall mount			
Material	Aluminium alloy			
N.W	7.0kg	9.0kg	12.0kg	15.0kg
Speaker Unit	6.5**1+1.5**1	6.5**2+1.5**1	6.5**3+1.5**1	6.5**4+1.5**1

Wall Mount Speaker **RH-MS15/4 / RH-MS15/5 / RH-MS15/6 / RH-MS16**



Features

The Wall Mounted Speakers generally produce better sound without taking up the valuable floor space, can be placed anywhere for commercial applications such as the sound reproduction in areas such as schools, conference rooms, shopping malls, restaurants, factories, gymnasiums etc.

- ※ 2-way wall mount speaker.
- ※ Built-in 100V transformer (This technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers).
- ※ Also 8 Ohm input is available without transformer.
- ※ ABS enclosure, metal grille, metal bracket.
- ※ Fast installation by U shaped stainless and rotatable mounting bracket could be adjusted at request.

Specifications

Model	RH-MS15/4	RH-MS15/5	RH-MS15/6	RH-MS16
Rated Power	20W	30W	40W	15W
Audio Input	70V/100V			70V/100V
Fre. Response	100Hz-20KHz	85Hz-20KHz	70Hz-20KHz	150~15KHz
Sensitivity	87±3dB	88±3dB	89±3dB	91±3dB
Dimension	215*170*150 mm	242*182*162mm	284*215*190mm	260*185*120mm
Installation	Wall mount			Wall mount
Material	ABS (black or white)			ABS
N.W	2.2kg	2.5kg	3.5kg	1.3Kg
Speaker Unit	4" *1+1" *1	5" *1+1" *1	6" *1+1" *1	6" *1

Wall Mount Speaker **RH-MS25/5 / RH-MS25/6 / RH-MS25/8 / RH-MS15**



Features

The Wall Mounted Speakers generally produce better sound without taking up the valuable floor space, can be placed anywhere for commercial applications such as the sound reproduction in areas such as schools, conference rooms, shopping malls, restaurants, factories, gymnasiums etc.

- ※ 2-way wall mount speaker.
- ※ Built-in 100V transformer (This technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers).
- ※ Also 8 Ohm input is available without transformer.
- ※ ABS enclosure, metal grille, metal bracket.
- ※ Fast installation by U shaped stainless and rotatable mounting bracket could be adjusted at request.

Specifications

Model	RH-MS25/5	RH-MS25/6	RH-MS25/8	RH-MS15
Rated Power	30W	40W	60W	10W
Audio Input	70V/100V			70V/100V
Fre. Response	90~20KHz	90~20KHz	40~20KHz	150~15KHz
Sensitivity	87±3dB	88±3dB	89±3dB	91±3dB
Dimension	255*178*155mm	310*213*195mm	417*289*255mm	260*185*120mm
Installation	Wall mount			Wall mount
Material	ABS (black or white)			ABS
N.W	3.1Kg	3.7Kg	6.6Kg	1.3Kg
Speaker Unit	5**1+1.5**1	6**1+1.5**1	8**1+1.5**1	6" *1

Wall Mount Speaker **RH-MS18H/RH-MS18**



🔊 Features

The Wall Mounted Speakers generally produce better sound without taking up the valuable floor space, can be placed anywhere for commercial applications such as the sound reproduction in areas such as schools, shopping malls, restaurants, factories, gymnasiums etc.

- ※ Built-in 100V transformer (This technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers).
- ※ Also 8 Ohm input is available without transformer.
- ※ ABS enclosure, metal grille.
- ※ Easy and secure wall mount through the mounting hook.

🔊 Specifications

Model	RH-MS18H	RH-MS18
Rated Power	6W/10W	5W/10W
Audio Input	70V/100V	70V/100V
Fre. Response	150Hz-15KHz	100Hz-15KHz
Sensitivity	92±3dB	92±3dB
Dimension	275*182*120mm	275*182*120mm
Installation	Wall mount	Wall mount
Material	ABS	ABS
N.W	1.38kg	1.35kg
Speaker Unit	6.5" *1+1" *1	6.5" *1

Wall Mount Speaker **RH-MS12/RH-MS19**



🔊 Features

The Wall Mounted Speakers generally produce better sound without taking up the valuable floor space, can be placed anywhere for commercial applications such as the sound reproduction in areas such as schools, shopping malls, restaurants, factories, gymnasiums etc.

- ※ Built-in 100V transformer (This technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers).
- ※ Also 8 Ohm input is available without transformer.
- ※ ABS enclosure, metal grille.
- ※ Easy and secure wall mount through the mounting hook.

🔊 Specifications

Model	RH-MS12	RH-MS19
Rated Power	6W/10W	5W/10W
Audio Input	70V/100V	70V/100V
Fre. Response	110Hz-15KHz	150Hz-15KHz
Sensitivity	92±3dB	92±3dB
Dimension	260*180*120mm	350*240*100mm
Installation	Wall mount	Wall mount
Material	ABS	ABS
N.W	1kg	1.7kg
Speaker Unit	6.5" *1	6.5" *1

Ceiling Speaker **RH-TH51/RH-TH61/RH-TH81/RH-THS65/RH-THS66/RH-THS68**



Features These Ceiling Speakers are ideally suited for installation in areas for the sound reproduction of reading announcements, declaring states of emergency and playing background music such as shopping malls, restaurants, stations, hotels etc.
Built-in 100V transformer (this technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers, also 8 Ohm input is available without transformer.)

Specifications

Model	RH-TH51	RH-TH61	RH-TH81	RH-THS65	RH-THS66	RH-THS68
Rated Power	10W/20W	15W/30W	20W/40W	20/10/5/2.5W/8Ω	30/15/7.5/3.8W/8Ω	40/20/10/5W/8Ω
Audio Input	70V-100V			70V-100V/8Ω		
Fre. Response	100Hz-20KHz	90Hz-20KHz	60Hz-20KHz	100Hz-20KHz	90Hz-20KHz	80Hz-20KHz
Sensitivity	88±3dB	90±3dB	93±3dB	89±3dB	92±3dB	96±3dB
Cutting Hole	Φ170 mm	Φ200 mm	Φ240 mm	Φ170 mm	Φ200 mm	Φ240 mm
Dimension	Φ203*80 mm	Φ230*90 mm	Φ270*105 mm	Φ203*150 mm	Φ230*155mm	Φ270*190 mm
Installation	In-ceiling			In-ceiling		
Material	ABS+IRON			ABS+IRON		
N.W	1.25kg	1.6kg	2.1kg	1.7kg	2.2kg	3.1kg
Speaker Unit	5" *1+1" *1	6" *1+1" *1	8" *1+1" *1	5" *1+1" *1	6" *1+1" *1	8" *1+1" *1

Ceiling Speaker **RH-THS51/RH-THS61/RH-THS81/RH-TH36 (Rimless)**

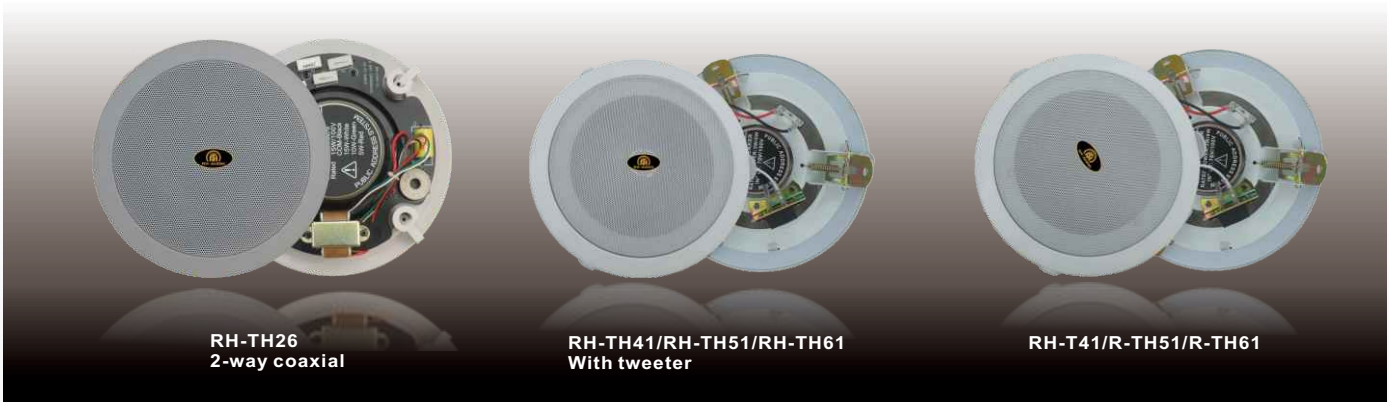


Features These Ceiling Speakers are ideally suited for installation in areas for the sound reproduction of reading announcements, declaring states of emergency, and playing background music such as shopping malls, restaurants, stations, hotels etc.
Built-in 100V transformer (this technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers, also 8 Ohm input is available without transformer.)

Specifications

Model	RH-THS51	RH-THS61	RH-THS81	RH-TH36 rimless
Rated Power	20/10/5/2.5W/8Ω	30/15/7.5/3.8W/8Ω	40/20/10/5W/8Ω	30/15/10W
Audio Input	70V-100V/8Ω			70V-100V
Fre. Response	100Hz-20KHz	90Hz-20KHz	80Hz-20KHz	80Hz-20KHz
Sensitivity	91±3dB	93±3dB	96±3dB	96±3dB
Cutting Hole	Φ170 mm	Φ200 mm	Φ240 mm	Φ200mm
Dimension	Φ203*150 mm	Φ230*155mm	Φ270*190 mm	Φ225*90mm
Installation	In-ceiling			In-ceiling
Material	ABS+IRON			ABS+IRON
N.W	1.7kg	2.2kg	3.1kg	1.7kg
Speaker Unit	5" *1+1" *1	6" *1+1" *1	8" *1+1" *1	6" *1+1" *1

Ceiling Speaker **RH-TH26/RH-TH41/RH-TH51/RH-TH61/RH-T41/RH-T51/RH-T61**



Features These Ceiling Speakers are ideally suited for installation in areas for the sound reproduction of reading announcements, declaring states of emergency, and playing background music such as shopping malls, restaurants, stations, hotels etc.
Built-in 100V transformer (This technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers, also 8 Ohm input is available without transformer.)

Model	RH-TH26	RH-TH41	RH-TH51	RH-TH61	RH-T41	RH-T51	RH-T61
Rated Power	30/15/10W	3W/6W			3W/6W		
Audio Input	70V-100V	70V-100V			70V-100V		
Fre. Response	80Hz-20KHz	110Hz-15KHz			110Hz-15KHz		
Sensitivity	96±3dB	90±3dB			90±3dB		
Cutting Hole	Φ200mm	Φ155mm	Φ170mm	Φ225mm	Φ155mm	Φ170mm	Φ225mm
Dimension	Φ230*155mm	Φ180*50mm	Φ200*67mm	Φ245*75mm	Φ180*50mm	Φ200*67mm	Φ245*75mm
Installation	In-ceiling	In-ceiling			In-ceiling		
Material	ABS	ABS			ABS		
N.W	2.2kg	0.7kg	0.75kg	1.05kg	0.65kg	0.7kg	1kg
Speaker Unit	6" *1+1" *1	4" *1+1" *1	5" *1+1" *1	6" *1+1" *1	4" *1	5" *1	6" *1

Ceiling Speaker **RH-T13/RH-T23/RH-T64/RH-T21/RH-T11**



Features These Ceiling Speakers are ideally suited for installation in areas for the sound reproduction of reading announcements, declaring states of emergency, and playing background music such as shopping malls, restaurants, metro stations, hotels etc.
Built-in 100V transformer (This technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers, also 8 Ohm input is available without transformer.)

Model	RH-T13	RH-T23	RH-T64	RH-T21	RH-T11
Rated Power	3W/6W	5W/10W	3W/6W	3W/6W	3W/6W
Audio Input	70V-100V	70V-100V	70V-100V	70V-100V	70V-100V
Fre. Response	110Hz-15KHz	110Hz-15KHz	110Hz-15KHz	100Hz-18KHz	120Hz-20KHz
Sensitivity	93±3dB	93±3dB	92±3dB	93±3dB	87±3dB
Cutting Hole	Φ170mm	Φ205mm	Φ200mm	Φ175mm	Φ95mm
Dimension	Φ188*76mm	Φ228*90mm	Φ227*118mm	Φ200*90mm	Φ103*80mm
Installation	In-ceiling	In-ceiling	In-ceiling	In-ceiling	In-ceiling
Material	ABS	ABS	ABS	IRON	ABS
N.W	0.7kg	1kg	1kg	0.95kg	0.4kg
Speaker Unit	6" *1	8" *1	6.5" *1	6" *1	2.5" *1

Rimless In-wall Speaker

RH-T22/RH-T32/RH-T42



Features

The In-wall Loudspeakers allow you to create a full surround sound set of speaker concealed within the wall.

Delivers a clean articulate sound to a wide listening area.

Designed to blend seamlessly into the room, and is an ideal choice for larger rooms where outstanding sound reproduction is desired.

Use as surrounds/ front speakers for home theater, or for multi room audio installations etc.

Specifications

Model	RH-T22	RH-T32	RH-T42
Power	Rated 40W / Max.60W	Rated 50W / Max.80W	Rated 60W / Max.100W
Audio Input	8 Ohm	8 Ohm	8 Ohm
Fre. Response	90Hz-15KHz	80Hz-15KHz	60Hz-15KHz
Sensitivity	88±3dB	90±3dB	92±3dB
Cutting Hole (H*W)	288*188mm	395*153mm	484*194mm
Dimension (H*W*D)	320*220*100mm	428*185*90mm	513*225*95mm
Installation	In-wall	In-wall	In-wall
Material	ABS enclosure+metal grille		
N.W	2.0 kg	3.0 kg	3.0 kg
Speaker Unit	6.5" *1+1.5" *1	5.25" *2 +1.5" *1	6.5" *2 +1.5" *1

In-wall Speaker

RH-T52/RH-T62/RH-T82



Features

The In-wall Loudspeakers allow you to create a full surround sound set of speaker concealed within the wall.

Delivers a clean articulate sound to a wide listening area.

Designed to blend seamlessly into the room, and is an ideal choice for larger rooms where outstanding sound reproduction is desired.

Use as surrounds/ front speakers for home theater, or for multi room audio installations etc.

Specifications

Model	RH-T52	RH-T62	RH-T82
Rated Power	20W	30W	40W
Audio Input	70V-100V	70V-100V	70V-100V
Fre. Response	90Hz-15KHz	80Hz-15KHz	60Hz-15KHz
Sensitivity	88±3dB	90±3dB	92±3dB
Cutting Hole	250*160mm	275*190mm	325*220mm
Dimension	280*192*73 mm	310*223*83 mm	360*256*100 mm
Installation	In-wall	In-wall	In-wall
Material	ABS enclosure+metal grille		
N.W	1.6kg	2.1kg	2.7kg
Speaker Unit	5" *1+1" *1	6" *1+1" *1	8" *1+1" *1

Indoor/Outdoor Horn Speaker **RH-HS34/RH-HS43/RH-HS50**



Features

The PA Horn Speakers are made from robust, virtually indestructible ABS or aluminium alloy material offering maximum protection against shock and weather making them ideal for mounting in extreme conditions with IP65 rated, whether on vehicles, boats or in exposed outdoor installations, all are fitted with a sturdy, adjustable mounting bracket.

Specifications

Model	RH-HS34	RH-HS43	RH-HS50
Rated Power	15W	30W	50W
Audio Input	70V/100V		
Fre. Response	400Hz-5KHz	400Hz-6KHz	380Hz-6.5KHz
Sensitivity	105±3dB	108±3dB	110±3dB
Dimension	222*162*232 mm	285*205*280 mm	Φ325*350 mm
Installation	Adjustable mounting bracket		
Material	ABS	ABS	Aluminium alloy
N.W	1.4kg	2kg	2.3kg

Indoor/Outdoor Horn Speaker **RH-HS45/RH-HS48/RH-HS200/RH-HS300**



Features

The PA Horn Speakers are made from robust, virtually indestructible ABS or aluminium alloy material offering maximum protection against shock and weather making them ideal for mounting in extreme conditions with IP65 rated, whether on vehicles, boats or in exposed outdoor installations, all are fitted with a sturdy, adjustable mounting bracket.

Specifications

Model	RH-HS45	RH-HS48	RH-HS200	RH-HS300
Rated Power	30W	50W	200W	300W
Audio Input	70V/100V		70V/100V	
Fre. Response	100Hz-10KHz	90Hz-20KHz	60Hz-18KHz	50Hz-18KHz
Sensitivity	97±3dB	99±3dB	102±3dB	105±3dB
Dimension	366*165*272 mm	362*252*310 mm	490*490*700mm	580*580*800mm
Installation	Adjustable mounting bracket		Adjustable mounting bracket	
Material	ABS	ABS	Resin	Resin
N.W	3.0kg	3.9kg	29Kg	45Kg

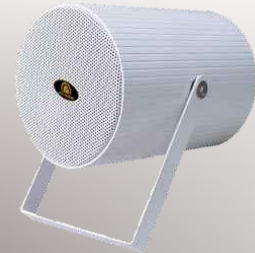
Indoor/Outdoor Projection Speaker **RH-CH05/RH-CH06/RH-CH31**



RH-CH05 Dual direction



RH-CH06



RH-CH31

Features

The Projection Speakers offer high quality sound with contemporary styling.

Designed for indoor and outdoor applications with IP65 rated.

These projection speaker are supplied with an adjustable 'U' shaped mounting bracket allowing for easy installation.

Specifications

Model	RH-CH05	RH-CH06	RH-CH31
Rated Power	10W//20W	10W/20W	20W/40W
Audio Input	70V/100V	70V/100V	70V/100V
Fre. Response	130Hz-15KHz	130Hz-15KHz	120Hz-15KHz
Sensitivity	91±3dB	91±3dB	92±3dB
Dimension	Φ 138*205 mm	Φ 138*205 mm	Φ 170*252 mm
Installation	Adjustable bracket	Adjustable bracket	Adjustable bracket
Material	Aluminium alloy	ABS	Aluminium alloy
N.W	2.4kg	1.4kg	2.8kg
Speaker Unit	5" *2	6" *1	6.5" *1

Pendant Speaker **RH-CL01/RH-CL08/RH-CL16/RH-CL18**



RH-CL01



RH-CL08



RH-CL16



RH-CL18

Features

The Pendent Speakers are designed for use where traditional ceiling mounted speakers are difficult or impractical to install.

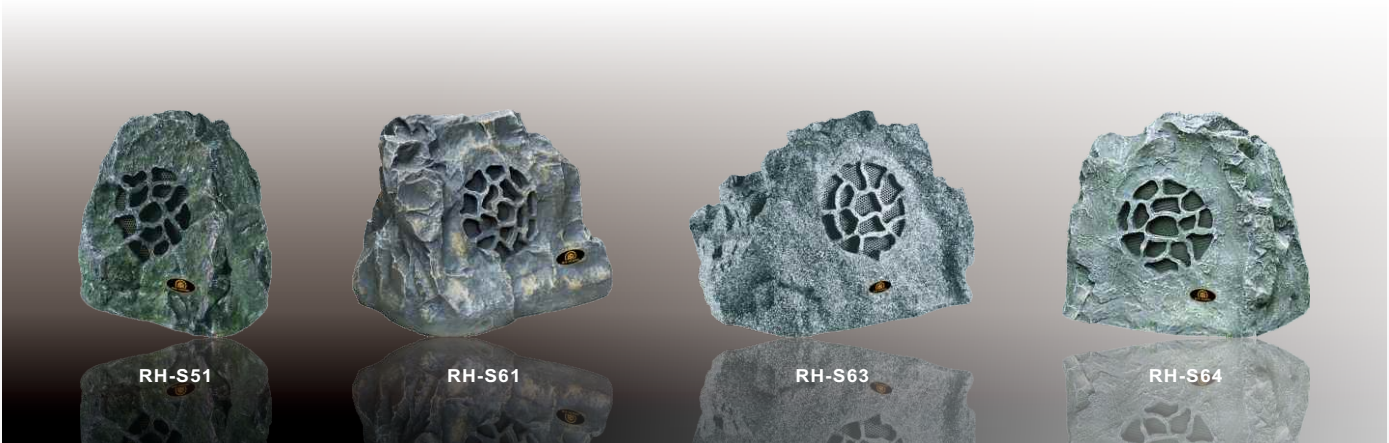
Used in such areas as very high raked, suspended, concrete, or exposed ceilings etc.

Installation requires a single fixing with connection concealed within the ceiling rose provided.

Specifications

Model	RH-CL01	RH-CL08	RH-CL16	RH-CL18
Rated Power	10W//20W	10W/20W	10W	10W
Audio Input	70V/100V	70V/100V	70V/100V	70V/100V
Fre. Response	130Hz-15KHz	130Hz-15KHz	150Hz-15KHz	150Hz-15KHz
Sensitivity	91±3dB	91±3dB	92±3dB	92±3dB
Dimension	Φ 138*205 mm	Φ 138*205 mm	Φ 180*370 mm	Φ 180*370 mm
Installation	Suspended	Suspended	Suspended	Suspended
Material	Aluminium alloy	ABS	ABS	ABS
N.W	2.1kg	1.4kg	1.2kg	1.1kg
Speaker Unit	5" *1	5" *1	5" *1	5" *1

Garden Speaker **RH-S51/RH-S61/RH-S63/RH-S64**



Features

The Best-performing Landscape Speakers deliver stereo performance over a wide listening area, an excellent choice for indoor if you prefer not to mount speakers to your home, and also for outdoor applications such as theme parks, hotels tennis courts, golf course, residential districts, villa districts or any architecturally landscaped areas etc.

The enclosure is constructed of all weather resistant with material of fibreglass reinforced plastic (FRP), to ensure performance and maintain a good appearance for years to come, in even the most temperamental and unpredictable climates with IP 65 rating.

Specifications

Model	RH-S51	RH-S61	RH-S63	RH-S64
Rated Power	20W	20W	20W	20W
Audio Input	70V/100V		70V/100V	
Fre. Response	100Hz-15KHz		100Hz-15KHz	
Sensitivity	95±3dB		95±3dB	
Dimension	230*210*255 mm	320*270*270 mm	370*290*260 mm	345*285*265 mm
Installation	Screwed		Screwed	
Material	Fibreglass reinforced plastic		Fibreglass reinforced plastic	
N.W	3kg±0.3kg	3.8kg±0.3kg	4.9kg±0.3kg	4.3kg±0.3kg
Speaker Unit	5.5" *1	5.5" *1	5.5" *1	5.5" *1

Garden Speaker **RH-S65/RH-S68/RH-S81/RH-S83**



Features

The Best-performing Landscape Speakers deliver stereo performance over a wide listening area, an excellent choice for indoor if you prefer not to mount speakers to your home, and also for outdoor applications such as theme parks, hotels tennis courts, golf course, residential districts, villa districts or any architecturally landscaped areas etc.

The enclosure is constructed of all weather resistant with material of fibreglass reinforced plastic (FRP), to ensure performance and maintain a good appearance for years to come, in even the most temperamental and unpredictable climates with IP 65 rating.

Specifications

Model	RH-S65	RH-S68	RH-S81	RH-S83
Rated Power	50W	30W	20W	50W
Audio Input	70V/100V		70V/100V	
Fre. Response	80Hz-15KHz	80Hz-15KHz	100Hz-15KHz	80Hz-15KHz
Sensitivity	95±3dB	93±3dB	91±3dB	95±3dB
Dimension	465*295*475mm	335*273*510mm	400*300*270mm	700*400*335mm
Installation	Screwed		Screwed	
Material	Fibreglass reinforced plastic		Fibreglass reinforced plastic	
N.W	7.8kg±0.8kg	3.8kg±0.5kg	4.9kg±0.3kg	4.3kg±1.1kg
Speaker Unit	6.5" *1	5" *2	6.5" *1	8" *1

Garden Speaker RH-S84/RH-KT27/RH-KT29/RH-KT31/RH-KT38



RH-S84

RH-KT27Y(Yellow)
RH-KT27R(Red)
RH-KT27G(Green)

RH-KT29

RH-KT31

RH-KT38

Features

The Best-performing Landscape Speakers deliver stereo performance over a wide listening area, an excellent choice for indoor if you prefer not to mount speakers to your home, and also for outdoor applications such as theme parks, hotels, tennis courts, golf course, residential districts, villa districts or any architecturally landscaped areas etc.

The enclosure is constructed of all weather resistant material of fibreglass reinforced plastic (FRP), to ensure performance and maintain a good appearance for years to come, in even the most temperamental and unpredictable climates with IP 65 rating.

Specifications

Model	RH-S84	RH-KT27Y/R/G	RH-KT29	RH-KT31	RH-KT38
Rated Power	30W	20W	20W	20W	20W
Audio Input	70V/100V	70V/100V	70V/100V	70V/100V	70V/100V
Fre. Response	80Hz-15KHz	150Hz-15KHz	150Hz-15KHz	150Hz-15KHz	150Hz-15KHz
Sensitivity	93±3dB	91±3dB	91±3dB	91±3dB	91±3dB
Dimension	385*265*335	Φ370*395	Φ380*450	Φ425*300	440*610*690
Installation	Screwed	Screwed	Screwed	Screwed	Screwed
Material	Fibreglass reinforced plastic				
N.W	6.5kg±0.7kg	4.2kg±0.5kg	4.5kg±0.5kg	5.5kg±0.5kg	7kg±0.8kg
Speaker Unit	6.5" *1	3.5" *4	5.5" *1	5.5" *1	5.5" *1

Garden Speaker RH-KT24/RH-KT26/RH-ST12/RH-ST11/RH-ST13



RH-KT24

RH-KT26

RH-ST12(with light)

RH-ST11(with light)

RH-ST13(with light)

Features

The Best-performing Landscape Speakers deliver stereo performance over a wide listening area, an excellent choice for indoor if you prefer not to mount speakers to your home, and also for outdoor applications such as theme parks, hotels, tennis courts, golf course, residential districts, villa districts or any architecturally landscaped areas etc.

The enclosure is constructed of all weather resistant material of fibreglass reinforced plastic (FRP), to ensure performance and maintain a good appearance for years to come, in even the most temperamental and unpredictable climates with IP 65 rating.

Specifications

Model	RH-KT24	RH-KT26	RH-ST12	RH-ST11	RH-ST13
Rated Power	20W	20W	20W	20W	20W
Audio Input	70V/100V	70V/100V	70V/100V	70V/100V	70V/100V
Fre. Response	150Hz-15KHz	130Hz-15KHz	150Hz-15KHz	150Hz-15KHz	150Hz-15KHz
Sensitivity	91±3dB	91±3dB	91±3dB	91±3dB	91±3dB
Dimension	310*285*480	330*325*485	265*265*765	390*365*735	330*330*395
Installation	Screwed	Screwed	Screwed	Screwed	Screwed
Material	Fibreglass reinforced plastic				
N.W	5.3kg±0.5kg	7.8kg±0.8kg	3.8kg±0.5kg	4.9kg±0.3kg	4.3kg±1.1kg
Speaker Unit	4" *1	5.5" *1	5.5" *1	5.5" *1	5.5" *1

Volume Control



Model: RH-6V/RH-30V/RH-60V/RH-120V
RH-6VF/RH-30VF/RH-60VF/RH-120VF
(F means with emergency input voltage 24VDC 15mA)



Model: RH-506V/RH-530V/RH-560V/RH-5120V
RH-506VF/RH-530VF/RH-560VF/RH-5120VF
(F means with emergency input voltage 24VDC 15mA)

5 Channels, affordable for 5 audio sources

Features If you have a multi-room audio system, you can control the volume of speakers in individual rooms by installing wall-mounted volume adjusters in each zone, the volume control wires between your amplifier/receiver and the speakers, letting you adjust the speaker volume with the soft touch 5 step rotary attenuation knob.

Specifications

Model	RH-6V RH-506V	RH-6VF RH-506VF	RH-30V RH-530V	RH-30VF RH-560VF	RH-60V RH-560V	RH-60VF RH-560VF	RH-120V RH-5120V	RH-120VF RH-5120VF
Method	Electric resistance		Transformer		Transformer		Transformer	
Rated Power	6W		30W		60W		120W	
EMC Input Voltage	24VDC 15mV		24VDC 15mV		24VDC 15mV		24VDC 15mV	
Attenuation	STEP 1: Off STEP 2: -4dB STEP 1: -1dB STEP 1: -0.5dB STEP 1: 0dB		STEP 1: Off STEP 2: -17dB STEP 1: -11dB STEP 1: -4.5dB STEP 1: 0dB		STEP 1: Off STEP 2: -18dB STEP 1: -11dB STEP 1: -5dB STEP 1: 0dB		STEP 1: Off STEP 2: -17dB STEP 1: -11dB STEP 1: -5.5dB STEP 1: 0dB	
Frequency Response	20~20KHz		20~20KHz		20~20KHz		20~20KHz	
Dimension	86×86×50		86×86×62		86×86×70		86×86×75	
Transformer Size	No		35×30×32		50×40×38		55×45×42	
Color	White		White		White		White	
N.W	62g		135g		295g		5.3g	

Standard 19" Rack



Features

- ※ 19-inch standard rack suitable for PA equipments.
- ※ With AC fans for cooling.
- ※ Disassembled for easy shipping.
- ※ Front glass door with lock.

Specifications

Model	RH-16U	RH-18U	RH-22U	RH-27U	RH-32U	RH-37U	RH-42U
Dimension	80×60×60	100×60×60	120×60×60	140×60×60	160×60×60	180×60×60	200×60×60
Interior Size	16U	18U	22U	27U	32U	37U	42U
Structure	Welding structure 2mm cold rolled sheet, with glass door						
Balance Foot	4	4	4	4	4	4	4
Wheel	4	4	4	4	4	4	4
Cooling Fan	2	2	2	2	2	2	2

[HTTP://WWW.RH-AUDIO.NET](http://www.rh-audio.net)

[EMAIL:INFO@RH-AUDIO.NET](mailto:info@rh-audio.net)

XINGHONGDE ELECTRONICS TECH.CO.,LTD.

The products are constantly improving,subject to change without notice.