

RH-AUDIO COMMERCIAL SOUND SYSTEM



GUANGZHOU XINGHONGDE ELECTRONICS TECHNOLOGY CO., LTD.



COMPANY

BRIEF INTRODUCTION

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**

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.

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.

We will treat everyone we encounter as we wish to be treated,with integrity and respect.

We work closely with our customers all over the world to impress our customers with the quality and timeliness of our services in a pleasant and friendly manner.

We know sometimes you have very detailed and unique requirements,we'll gladly work with you to develop specific solutions.



COMPANY QUALIFICATIONS & HONORS



Innovation Certificate



High-Tech Certificate



EC-RED



RoHS



AAA Credit Certificate



CASME Certificate



IP PA Software



Utility Model Patent



CE



FCC



RoHS



CCC



CCC



CCC



OHSAS18001:2007



ISO14001:2015



ISO9001:2015



Utility Model Patents

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 **Public Address System**
Commercial Sound System

PA Amplifier Series



Mixer Amplifier

RH060D/RH130D/RH260D/RH360D/RH500D/RH650D



Descriptions & Features

The 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/650W** available.
- ✧ Class-D amplifier circuitry.
- ✧ 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.

Rear Panel

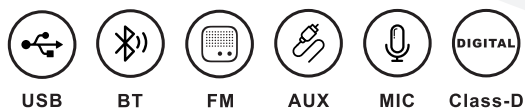


Specifications

| Model | RH060D | RH130D | RH260D | RH360D | RH500D | RH650D |
|--------------------|------------------------------------------------------------------|------------|------------|----------|------------|----------|
| Rated Power | 60W | 120W | 240W | 350W | 500W | 650W |
| 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 | Volume controls, treble control, bass control, mute control | | | | | |
| Cooling | DC12V FAN | | | | | |
| Indicators | DC12V FAN; Power: 'POWER'; level: '0,2,4,6,8,10' | | | | | |
| AC Fuse | T2.5A/250V | T2.5A/250V | T2.5A/250V | T5A/250V | T6.3A/250V | T8A/250V |
| Power Cable | (3×0.75mm ²)×1.5m | | | | | |
| Power Supply | AC 100V~240V 50/60Hz | | | | | |
| Power Consumption | 78W | 156W | 312W | 455W | 650W | 845W |
| Dimension | 89(H)×483(W)×350(D)mm | | | | | |
| Packing Size | 185(H)×520(W)×435(D)mm | | | | | |
| N.W | 7.40kg | 8.80kg | 12.00kg | 13.40kg | 13.50kg | 16.65kg |
| G.W | 8.90kg | 10.30kg | 13.50kg | 14.90kg | 15.00kg | 18.50kg |

Mp3 Mixer Amplifier

RH060DM/RH130DM/RH260DM/RH360DM/RH500DM/RH650DM



Descriptions & Features

The **Mp3/Bt/Fm 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/650W** available.
- ※ Class-D amplifier circuitry.
- ※ Built-in **U disk MP3 player, FM tuner and Bluetooth receiver**.
- ※ 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.

Rear Panel



Specifications

| Model | RH060DM | RH130DM | RH260DM | RH360DM | RH500DM | RH650DM |
|--------------------|------------------------------------------------------------------|------------|------------|----------|------------|----------|
| Rated Power | 60W | 120W | 240W | 350W | 500W | 650W |
| 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 dB attenuation | | | | | |
| Output Regulation | <3 dB, from level without signal to be loaded fully | | | | | |
| Controls | Volume controls, treble control, bass control, mute control | | | | | |
| Cooling | DC12V FAN | | | | | |
| Indicators | DC12V FAN; Power: 'POWER'; level: '0,2,4,6,8,10' | | | | | |
| AC Fuse | T2.5A/250V | T2.5A/250V | T2.5A/250V | T5A/250V | T6.3A/250V | T8A/250V |
| Power Cable | (3×0.75mm ²)×1.5m | | | | | |
| Power Supply | AC 100V~240V 50/60Hz | | | | | |
| Power Consumption | 78W | 156W | 312W | 455W | 650W | 845W |
| Dimension | | | | | | |
| Packing Size | 185(H)×520(W)×435(D)mm | | | | | |
| N.W | 5.40kg | 5.90kg | 10.30kg | 11.00kg | 13.00kg | 15.00kg |
| G.W | 6.90kg | 7.40kg | 11.80kg | 12.50kg | 14.50kg | 17.55kg |

Mp3 Mixer Amplifier

RH060WA/RH120WA/RH240WA/RH480WA



Descriptions & Features

The Mp3 Mixer Amplifiers are designed for background music/paging and public address system installations, these units are exceptional values, and are easy to install in a variety of system designs.

- ※ Power rates: 60W/120W/240W/480W available.
- ※ Class-D amplifier circuitry.
- ※ Built-in U disk MP3 player and Bluetooth receiver.
- ※ 70V/100V and 4~16Ω speaker loads.
- ※ 19" 1U height.
- ※ 3 MIC inputs, 2 AUX 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.

Rear Panel



Specifications

| Model | RH60WA | RH120WA | RH240WA | RH480WA |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|
| Rated Output Power | 60W | 120W | 240W | 480W |
| Output Mode | 70V(81 ohms(Ω))100V(167 ohms(Ω)) 70V(41 ohms(Ω))100V(84 ohms(Ω)) 70V(20 ohms(Ω))100V(42 ohms(Ω)) 70V(10 ohms(Ω))100V(21 ohms(Ω)) | | | |
| Microphone Input | MIC1/ MIC2: 600 ohms(Ω) 10mV, (Unbalanced) MIC3: 600 ohms(Ω) 10mV, (Balanced) | | | |
| Line Input | AUX1/ AUX2: LINE:10K ohms(Ω) 300mV, (Unbalanced) | | | |
| Auxiliary Output | 0. 775V (0dB) | | | |
| Frequency Response | 60Hz-20KHz(+3dB) | | | |
| Nonlinear Distortion | THD <0.5% at 1KHz, 1/3 Rated Output | | | |
| S/N | Line:>80dB, MIC:>65dB | | | |
| Output Adjustment Rate | <3dB | | | |
| Tone Adjustment Range | BASS:100Hz(+10dB), TREBLE:10KHz(+10dB) | | | |
| Indicator Light | PW, -20, -10, -3, CLIP | | | |
| Power Supply | AC100V-AC240V 50-60Hz | | | |
| Power Cord | 3x0.5mm²x1.5M | | | |
| Power Consumption | 70W | 140W | 280W | 560W |
| Machine Size | 480 (W) x 200 (D) x 40 (H) mm | | | |
| Package Size | 522 (W) x 284 (D) x 72 (H) mm | | | |
| Net Weight | 2.4Kg | 3Kg | 4.5Kg | 6Kg |
| Gross Weight | 3Kg | 3.6Kg | 5.1Kg | 6.6Kg |

5-Zone Mp3 Mixer Amplifier

RH060DF/RH130DF/RH260DF/RH360DF/RH500DF/RH650DF



Descriptions & Features

The **5-Zone Mp3/Bt/Fm 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.
- ※ Class-D amplifier circuitry.
- ※ Built-in **U disk MP3 player**, **FM tuner** and **Bluetooth receiver**.
- ※ **5 zoned 100V speaker outputs with individual volume control**.
- ※ 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.

Rear Panel



Specifications

| Model | RH060DF | RH130DF | RH260DF | RH360DF | RH500DF | RH650DF |
|--------------------|---------------------------------------------------------------|------------|------------|----------|------------|----------|
| Rated Power | 60W | 120W | 240W | 350W | 500W | 650W |
| 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 dB attenuation | | | | | |
| Output Regulation | <3 dB,from level without signal to be loaded fully | | | | | |
| Controls | Volume controls, treble control, bass control, mute control | | | | | |
| Cooling | DC12V FAN | | | | | |
| Indicators | DC12V FAN; Power: 'POWER'; level:'0,2,4,6,8,10' | | | | | |
| AC Fuse | T2.5A/250V | T2.5A/250V | T2.5A/250V | T5A/250V | T6.3A/250V | T8A/250V |
| Power Cable | (3×0.75mm ²)×1.5m | | | | | |
| Power Supply | AC 100V~240V 50/60Hz | | | | | |
| Power Consumption | 78W | 156W | 312W | 455W | 650W | 845W |
| Dimension | 89(H)×483(W)×350(D)mm | | | | | |
| Packing Size | 185(H)×520(W)×435(D)mm | | | | | |
| N.W | 7.90kg | 8.90kg | 11.00kg | 12.50kg | 14.00kg | 15.00kg |
| G.W | 9.16kg | 10.16kg | 12.50kg | 13.76kg | 15.26kg | 17.00kg |

2CH Mp3 Mixing Amplifier

RH2250WM/RH2500WM



Descriptions & Features

The 2CH Mp3 Mixing Amplifiers are designed with a professional grade 2-channel 70/100V amplifier that delivers up to 250 or 500 Watts per channel, each channel has its individual controls including Bass tone, Treble tone and Volume control. This 2U rack-mountable commercial amplifiers feature Class D amplification technology that is extremely energy efficient but also capable of producing a powerful output signal for large, medium, or small audio systems such as restaurants, meeting halls, sports venues, and other spaces where multiple speakers are needed. Power rates: 2*250W/2*500W available.

- ✖ 2 channels of 70/100-volt and 4/8 ohms(Ω) output loads with 2*250W and 2*500W optional.
- ✖ Audio source options include Bluetooth, U disk and Aux input.
- ✖ A screen displays status while playing media source.
- ✖ Features Class D amplification technology.
- ✖ Each channel has individual bass, treble and volume control.
- ✖ Five microphone input jacks, Mic1/Mic2/Mic3 jacks provide 48V Phantom Power.
- ✖ Pushing the button "VOICE PRIORITY" the Mic1 can be set with priority over the other inputs.
- ✖ A line output supplies audio signal to additional amplifier.
- ✖ Complete protection provided for output short circuit, overload, high temperature with led meters to indicate the level status for each channel.

Rear Panel



Specifications

| Model | RH2250WM | RH2500WM |
|---------------------|-----------------------------------------------------------------|----------|
| Rated Power | 2x250W | 2x500W |
| Amplifier System | Class D 90% efficient (2 channels) | |
| Media Source Option | Bluetooth, U-disk or Aux input | |
| Speaker Output Mode | Low impedance: 4 & 8 ohms (Ω) Voltage line: 70V & 100V | |
| Aux Input | Unbalanced R&L (RCA) x 2 | |
| Line Output | Unbalanced R&L (RCA) x 1 | |
| Mic Input | Mic1/Mic2/Mic3 with XLR and 6.35 jack, Mic4/Mic5 with 6.35 jack | |
| Output Level Meter | Power, signal, clip, protection | |
| Frequency Response | 60 Hz ~ 15k Hz (± 3 dB) | |
| T.H.D | <1% at 1kHz, 1/3 rated power | |
| S/N | ≥75dB | |
| Tone Control | BASS: 100 Hz (± 10 dB), TREBLE: 10k Hz (± 10 dB) | |
| Protection | Short circuit, overload, high temperature | |
| AC Fuse | T4A | T8A |
| Power Supply | AC 110-240V- 50/60Hz | |
| Power Consumption | 300W | 600W |
| Power Cord | (3×0.75 mm ²)×1.5m | |
| Chassis Design | 2U rack with handles and mounting ears | |
| Dimension (HxWxD) | 89x483x350mm | |
| Carton Size (HxWxD) | 185x520x435mm | |
| Net Weight | 9.00 kg | 11.00 kg |
| Gross Weight | 10.50 kg | 12.50 kg |

Pre Amplifier

RH2811P



Descriptions & Features

The Pre-amplifier RH2811P has five 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.

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(±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 ±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 | 5.96kg |
| G.W | 7.62kg |

Rear Panel



Mp3 Pre Amplifier

RH2811PM



Descriptions & Features

- ※ Built-in USB player, Bluetooth receiver, FM receiver.
- ※ Equipped with preamplifier boards with controls on front panel.
- ※ 5 MIC inputs, 3 AUX inputs, 2 EMC inputs, 4 AUX outputs.
- ※ MIC1 input has priority over other inputs.
- ※ BASS and TREBLE tone controllers are provided.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller of all outputs.
- ※ Built-in SIREN circuitry with pushbutton on front panel for an orderly emergency evacuation of people and conducting a fire or an emergency drill manually.
- ※ Connecting Alarm Panel for emergency broadcasting automatically.
- ※ Built-in CHIME circuitry with pushbutton on front panel for attracting listeners' attention prior to speaking.
- ※ 4 signal outputs for connecting 4 units of power amplifiers.

Rear Panel



Specifications

| Model | RH2811PM |
|--------------------|-------------------------------------------------------------------------------------------------------|
| Media Source | U disk, Bluetooth, FM |
| Bluetooth Password | 1688 |
| MIC Input | MIC 1,2,3,4,5: 18mV/600 ohms, Unbalanced |
| AUX Input | AUX 1,2,3: 200mV/10k ohms, Unbalanced |
| EMC Input | EMC 1,2: 1.5V/10k ohms, Unbalanced |
| Tone | BASS:±10dB at 100Hz, TREBLE:±10dB at 10KHz |
| Frequency Response | 20Hz - 20KHz |
| S/N Ratio | MIC 1,2: 70dB; AUX 1,2,3: 80dB |
| THD | Less than 0.1% |
| Muting Function | MIC 1 overrides other input signals with 0-30 dB attenuation, EMC1,2 overrides all inputs except MIC1 |
| LED Indicators | POWER, signal level |
| Protection | AC fuse |
| Power Requirements | AC220V±10%, 50/60Hz |
| Power Consumption | 50W |
| Dimensions (W×D×H) | 483(W)×366(D)×89(H)mm |
| Weight | 7.5Kg |



Class-D



Descriptions & Features

The 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/500W/650W** available.
- ✧ Class-D amplifier circuitry.
- ✧ 70V/100V and 4~16Ω loads.
- ✧ 6.35mm and XLR input & output jacks for convenient connection.
- ✧ Volume controller.
- ✧ 5 level indicators.
- ✧ Protections of short circuit, overload, high temperature.

Rear Panel



Specifications

| Model | RH350DH | RH500DH | RH650DH |
|--------------------|-----------------------------------------------------|------------|----------|
| Rated Power | 350W | 500W | 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 | | |
| AC Fuse | T5A/250V | T6.3A/250V | T8A/250V |
| Power Cable | (3×0.75mm ²)×1.5m | | |
| Power Supply | AC 100V~240V 50/60Hz | | |
| Power Consumption | 455W | 585W | 845W |
| Dimension | 89(H)×483(W)×366(D)mm | | |
| Packing Size | 185(H)×520(W)×435(D)mm | | |
| N.W | 14.30kg | 15.60kg | 16.80kg |
| G.W | 15.80kg | 17.10kg | 18.30kg |

Power Amplifier

RH1000DH/RH1500DH/RH2000DH



Class-D



Descriptions & Features

The 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.
- ※ Class-D amplifier circuitry.
- ※ 70V/100V and 4~16Ω loads.
- ※ 6.35mm and XLR input & output jacks for convenient connection.
- ※ Volume controller.
- ※ 5 level indicators.
- ※ Protections of short circuit, overload, high temperature.

Rear Panel



Specifications

| Model | RH1000DH | RH1500DH | RH2000DH |
|--------------------|------------------------------------------------------|----------|----------|
| 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 | | |
| AC Fuse | T25A/250V | | |
| Power Cable | (3×1.5 mm²)×1.5m | | |
| Power Supply | AC 220V ±10% 50-60Hz | | |
| Power Consumption | 1300W | 1950W | 2600W |
| Dimension | 50(H)×483(W)×305(D)mm | | |
| Packing Size | 115(H)×520(W)×390(D)mm | | |
| N.W | 4.50kg | 5.70kg | 6.20kg |
| G.W | 5.80kg | 7.50kg | 8.50kg |

2CH Power Amplifier

RH2120DW/RH2240DW/RH2350DW/RH2480DW



Class-D



Specifications

| Model | RH2120DW | RH2240DW | RH2350DW | RH2480DW |
|-------------------|-------------------------------------------------|----------|----------|----------|
| Rated Power | 2x120W | 2x240W | 2x350W | 2x500W |
| Output Mode | Line voltage 70V/100V, Low impedance 4 ohms (Ω) | | | |
| Input Terminal | Phoenix terminal | | | |
| Output Terminal | Phoenix terminal | | | |
| Input Sensitivity | 2.7KΩ 0.775V~1V, balanced signal | | | |
| Aux Output | 0.775V (0 dBV) | | | |
| Fre. Response | 100Hz~18kHz (±3dB) | | | |
| THD | <0.3% at 1kHz, 1/3 rated power | | | |
| S/N | ≥85 dB | | | |
| Cooling | DC24V FAN | | | |
| Indicators | POWER, SIGNAL, DISTORTION, PROT | | | |
| AC Fuse | T2.5A | T5A | T6.3A | T8A |
| Controls | 2 Volume control, 1 Power on/off | | | |
| Power Input | PFC POWER, AC100V~240V, 50/60Hz | | | |
| Consumption | 288W | 576W | 840W | 1200W |
| Dimension | 89(H)×483(W)×366(D) mm | | | |
| Net Weight | 8.5kg | 10.5kg | 11.5kg | 12.5kg |

Descriptions & Features

These 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.

- ※ Standard 19" 2U rack-mounting housing.
- ※ Built-in 2 channels of Class D amplifier.
- ※ 2 channels of 70/100-volt output load.
- ※ 2 channels of 4 ohms(Ω) output load.
- ※ Equipped with 2 channels of audio inputs with gain control.
- ※ Audio loop outputs that provide to additional amplifiers.
- ※ LED indicator lights include Power, Signal, Clip and Protection.
- ※ Protections of short circuit, overload, high temperature.

Rear Panel



4CH Power Amplifier

RH4120DW/RH4240DW/RH4350DW/RH4480DW



Class-D



Specifications

| Model | RH4120DW | RH4240DW | RH4350DW | RH4480DW |
|-------------------|-------------------------------------------------|----------|----------|----------|
| Rated Power | 4x120W | 4x240W | 4x350W | 4x500W |
| Output Mode | Line voltage 70V/100V, Low impedance 4 ohms (Ω) | | | |
| Input Terminal | Phoenix terminal | | | |
| Output Terminal | Phoenix terminal | | | |
| Input Sensitivity | 2.7KΩ 0.775V~1V, balanced signal | | | |
| Aux Output | 0.775V (0 dBV) | | | |
| Fre. Response | 100Hz~18kHz (±3dB) | | | |
| THD | <0.3% at 1kHz, 1/3 rated power | | | |
| S/N | ≥85 dB | | | |
| Cooling | DC24V FAN | | | |
| Indicators | POWER, SIGNAL, DISTORTION, PROT | | | |
| AC Fuse | T5A | T10A | T15A | T20A |
| Controls | 4 Volume control, 1 Power on/off | | | |
| Power Input | PFC POWER, AC100V~240V, 50/60Hz | | | |
| Consumption | 576W | 1152W | 1680W | 2400W |
| Dimension | 89(H)×483(W)×366(D) mm | | | |
| Net Weight | 11.5kg | 14.5kg | 15.5kg | 16.5kg |

Descriptions & Features

These 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.

- ※ Standard 19" 2U rack-mounting housing.
- ※ Built-in 4 channels of Class D amplifier.
- ※ 4 channels of 70/100-volt output load.
- ※ 4 channels of 4 ohms(Ω) output load.
- ※ Equipped with 4 channels of audio inputs with gain control.
- ※ Audio loop outputs that provide to additional amplifiers.
- ※ LED indicator lights include Power, Signal, Clip and Protection.
- ※ Protections of short circuit, overload, high temperature.

Rear Panel



Mp3/Fm Mixing Amplifier

RH60PM/RH120PM


Descriptions & Features

This compact mixing amplifier is designed as convenient solution for small PA installations with USB player, Bluetooth and FM tuner receiver in a compact housing. And this amplifier features two unbalanced microphone inputs and two AUX inputs, moreover the MIC1 has "VOICE PRIORITY" over the other inputs except of the alarm input.

- ✧ Built-in USB player, FM tuner and Bluetooth receiver.
- ✧ Class-D amplifier circuitry.
- ✧ 70/100-volt and 4~16 ohms(Ω) output loads.
- ✧ Two microphone (MIC1 & MIC2) jacks, MIC2 supports 48V Phantom Power with switch ON/OFF.
- ✧ EMC input has priority over the other inputs.
- ✧ SMT circuit boards with highly stable performance.
- ✧ High-definition display for the working status of playing programme.
- ✧ Individual volume controller for inputs, and master volume controller for all.
- ✧ BASS and TREBLE tone controllers.
- ✧ Power supply AC100-240V and DC24V.
- ✧ Protection provided for output short circuit, overload, high temperature, peak current limiters.

Rear Panel



Specifications

| Model | RH60PM | RH120PM |
|---------------------|----------------------------------------------------------------|---------|
| Rated Power | 60W | 120W |
| Output Mode | Low impedance: 4/8 ohms (Ω), Voltage line: 70V & 100V | |
| Compatible Media | USB, SD, Bluetooth, FM, Aux In | |
| Playable Formats | MP3, WMA, WAV, FLAC, APE | |
| Bluetooth Name | BGM SYSTEM | |
| Bluetooth Frequency | 2402~2480 MHz | |
| Bluetooth E.I.R.P | 2 dBm | |
| FM Tuner Frequency | 87.50~107.50 MHz | |
| Frequency Response | 60 Hz ~ 15k Hz (± 3 dB) | |
| THD | <1% at 1kHz, 1/3 rated power | |
| S/N | ≥ 75 dB | |
| Tone Control | BASS: 100 Hz (± 10 dB), TREBLE: 10k Hz (± 10 dB) | |
| Protection | Short circuit, overload, high temperature | |
| AC Power Supply | AC230V / 50Hz, 0.33A | |
| AC Fuse | T3.15A | T3.15A |
| DC Power Supply | DC24V, 3.13A | |
| Power Cord | (3 \times 0.75 mm ²) \times 1.5M | |
| Power Consumption | 84W | 168W |
| Dimensions | 71(H) \times 300(W) \times 191(D) mm | |
| Packing Size | 120(H) \times 350(W) \times 255(D) mm | |
| N.W | 4.8kg | 5.2kg |
| G.W | 5.5kg | 5.9kg |

Mp3 Mixing Amplifier

RH61MB



Descriptions & Features

This **USB/BT/Fm Mixing Amplifier** is designed as convenient solution for small to medium PA installations with USB player,Bluetooth receiver in a compact housing. Inputs for all audio source governed by front panel volume controls,and the digital screen displays the working status of playing programmes,which can be controlled by the front panel buttons or the remote control.

- ※ Rated Power: **60W**.
- ※ Built-in **U disk MP3 player**,**FM** and **Bluetooth receiver**.
- ※ 70/100-volt and 4/8 ohms(Ω) output loads.
- ※ SMT circuit boards with highly stable performance.
- ※ Three microphone jacks.
- ※ On the front panel the Mic1 has 6.35mm jack,on the rear panel it has XLR jack supporting 48V phantom power.
- ※ Mic1 has priority over the other inputs.
- ※ High-definition display for the working status of playing programme.
- ※ Individual volume controller for inputs,and master volume controller for all.
- ※ BASS and TREBLE tone controllers.
- ※ Complete protection is provided for output short circuit,overload, high temperature,peak current limiters

Rear Panel



Specifications

| Model | RH61MB |
|--------------------|----------------------------------------------------------------|
| Rated Power | 60W |
| Output Mode | Low impedance:4 & 8 ohms (Ω), Voltage line:70V & 100V |
| USB Music Format | Supported with MP3,WMA,WAV |
| Frequency Response | 55Hz ~ 22kHz (± 3 dB) |
| T.H.D | <1% at 1kHz,1/3 rated power |
| S/N | ≥ 75 dB |
| Tone Control | BASS:100 Hz (± 10 dB) , TREBLE:10k Hz (± 10 dB) |
| Audio Input | MIC,AUX, USB, BLUETOOTH |
| Protection | Short circuit,overload,high temperature |
| AC Fuse | T1A |
| Power Supply | AC 220-240V- 50/60Hz |
| Power Consumption | 95W |
| Power Cord | (3 \times 0.75 mm ²) \times 1.5M |
| Dimension | 100(H) \times 290(W) \times 260(D) mm |
| Carton Size | 155(H) \times 365(W) \times 305(D) mm |
| Net Weight | 5.50kg |
| Gross Weight | 6.30kg |

5-Zone Usb Mixing Amplifier

RH151MB/RH301MB



Descriptions & Features

The **5-Zone Usb/Bt/Fm Mixing Amplifiers** are designed to meet the requirements of medium sized professional public address installations, and designed with overall 70/100-volt and 4/8 ohms(Ω) loads and featured an industry leading 5 zoned 100 volt load solution, 150/300 watts of amplifier power are available, with provided an audio output to 5 different zones within the venue, each zone has its own separate switch on/off manually operated on front panel.

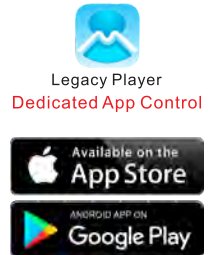
- ✧ Power rates: **150W**.
- ✧ Built-in **U disk MP3 player, FM and Bluetooth receiver**.
- ✧ **5 Zoned 70V or 100V speaker outputs** with individual switch ON/OFF.
- ✧ 70/100-volt and 4/8 ohms(Ω) output loads.
- ✧ Five microphone jacks, Mic1/Mic2/Mic3/Mic4 can support 48V phantom power.
- ✧ Mic1 has priority over the other inputs.
- ✧ High-definition display for the working status of playing programme.
- ✧ Built-in Chime and Siren circuitry with push-button and volume control.
- ✧ BASS and TREBLE tone controllers. Master volume control.
- ✧ Complete protection provided for output short circuit, overload, high temperature.
- ✧ Removable rack mounting brackets supplied.

Rear Panel



Specifications

| Model | RH151MB | RH301MB |
|---------------------|------------------------------------------------------------------|-------------|
| Rated Power | 150W | 300W |
| Speaker Output Mode | Low impedance: 4 & 8 ohms (Ω), Voltage line: 70V & 100V | |
| USB Music Format | Supported with MP3, WMA, WAV | |
| Frequency Response | 60Hz ~ 22kHz (± 3 dB) | |
| T.H.D | <1% at 1kHz, 1/3 rated power | |
| S/N | ≥ 75 dB | |
| Tone Control | BASS: 100 Hz (± 10 dB), TREBLE: 10k Hz (± 10 dB) | |
| Audio Input | MIC, AUX, SD, USB, BLUETOOTH | |
| Protection | Short circuit, overload, high temperature | |
| AC Fuse | F4A | F6A |
| Power Supply | AC 220-240V- 50/60Hz | |
| Power Consumption | 200W | 450W |
| Power Cord | (3 \times 0.75 mm ²) \times 1.5M | |
| Dimension (HxWxD) | 100x430x340mm | |
| Carton Size | 165x505x415mm | |
| Net Weight | 9.50 kg | 12.00 kg |
| Gross Weight | 11.00 kg | 13.00 kg |



Descriptions & Features

This Wifi/Usb/Bt Mixing Amplifier is designed as convenient solution for small to medium PA installations with USB player, Bluetooth and WiFi receiver supporting wifi connection via the App Legacy, we can enjoy online music or online internet radio including Tunein, Spotify, Tidal etc.



- ✧ Built-in WiFi wireless music streaming receiver, Bluetooth receiver and USB player.
- ✧ 70/100-volt and 4/8 ohms(Ω) output loads.
- ✧ SMT circuit boards with highly stable performance.
- ✧ Three microphone input jacks.
- ✧ On the front panel the Mic1 has 6.35mm jack, on the rear panel it has XLR jack supporting 48V phantom power.
- ✧ Mic1 has priority over the other inputs.
- ✧ High-definition display for the working status of playing programme.
- ✧ Individual volume controller for inputs, and master volume controller for all.
- ✧ BASS and TREBLE tone controllers.
- ✧ Protection provided for output short circuit, overload, high temperature, peak current limiters.

Rear Panel

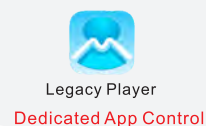


Specifications

| Model | RH60WIFI |
|--------------------|---------------------------------------------------------------------------|
| Rated Power | 60W |
| Output Mode | Low impedance: 4 & 8 ohms (Ω), Voltage line: 70V & 100V |
| WiFi Solution | Legacy Wireless Hi-Fi System |
| WiFi APP Name | Legacy Player |
| WiFi APP Version | Wi-Fi 8.2.11 b/g/n (AP/STA modes supported) |
| Wi-Fi Mode | Android, iOS |
| Music Format | Supported with MP3, WMA, WAV, ACC (ACC+), Apple lossless, ALAC, FLAC, APE |
| Frequency Response | 55Hz ~ 22kHz (± 3 dB) |
| T.H.D | <1% at 1kHz, 1/3 rated power |
| S/N | ≥ 75 dB |
| Tone Control | BASS: 100 Hz (± 10 dB), TREBLE: 10k Hz (± 10 dB) |
| Audio Input | MIC, AUX, USB, BLUETOOTH, WIFI |
| Protection | Short circuit, overload, high temperature |
| AC Fuse | T1A |
| Power Supply | AC 220-240V- 50/60Hz |
| Power Consumption | 95W |
| Power Cord | (3 \times 0.75 mm ²) \times 1.5M |
| Dimension | 100(H) \times 290(W) \times 260(D) mm |
| Carton Size | 155(H) \times 365(W) \times 305(D) mm |
| Net Weight | 5.50kg |
| Gross Weight | 6.30kg |

5-Zone Wifi/MP3 Mixing Amplifier

RH120WIFI/RH240WIFI/RH350WIFI



Descriptions & Features

The **5-Zone Wifi/Usb/Bt Mixing Amplifiers** are designed as convenient solution for small to medium PA installations with **USB player,Bluetooth** and **WiFi receiver** supporting wifi connection via **App Legacy**,we can enjoy online music or online internet radio including Tunein,Spotify,Tidal etc.



Featured an industry leading 5 zoned 70 or 100 volt load solution provides an audio output to 5 different zones within the venue,each zone has its own individual switch on/off manually operated on front panel.

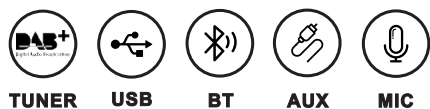
- ※ Built-in WiFi wireless receiver,Bluetooth receiver and USB player.
- ※ 70/100-volt and 4/8 ohms(Ω) output loads.
- ※ SMT circuit boards with highly stable performance.
- ※ Three XLR microphone input jacks supporting 48V Phantom Power.
- ※ Mic1 has priority over the other inputs,and it has one 6.35mm jack on front panel.
- ※ High-definition display for the working status of playing programme.
- ※ BASS and TREBLE tone controllers.
- ※ Protection provided for output short circuit,overload,high temperature, peak current limiters.
- ※ Removable rack mounting brackets supplied.

Rear Panel



Specifications

| Model | RH120WIFI | RH240WIFI | RH350WIFI |
|--------------------|-------------------------------------------------------------------|-----------|-----------|
| Rated Power | 120W | 240W | 350W |
| Output Mode | Low impedance:4 & 8 ohms (Ω), Voltage line:70V & 100V | | |
| WiFi Solution | Legacy Wireless Hi-Fi System | | |
| WiFi APP Name | Legacy Player | | |
| WiFi APP Version | Wi-Fi 8.2.11 b/g/n(AP/STA modes supported) | | |
| Wi-Fi Mode | Android, iOS | | |
| Music Format | Supported with MP3,WMA,WAV,ACC(ACC+),Apple lossless,ALAC,FLAC,APE | | |
| Frequency Response | 60Hz ~ 22kHz (± 3 dB) | | |
| T.H.D | <1% at 1kHz,1/3 rated power | | |
| S/N | ≥ 75 dB | | |
| Tone Control | BASS:100 Hz (± 10 dB) , TREBLE:10k Hz (± 10 dB) | | |
| Audio Input | MIC,AUX, USB, BLUETOOTH, WIFI | | |
| Protection | Short circuit,overload,high temperature | | |
| AC Fuse | T2A | T4A | T4A |
| Power Supply | AC 220-240V- 50/60Hz | | |
| Power Consumption | 185W | 350W | 485W |
| Power Cord | (3×0.75 mm ²)×1.5M | | |
| Dimension | 100x430x340mm | | |
| Carton Size | 165x505x415mm | | |
| Net Weight | 11.80 kg | | |
| Gross Weight | 13.30 kg | | |



Descriptions & Features

These **Mixing Amplifiers** are designed as convenient solution which accommodates different kinds of audio sources including **USB/MP3-player,Bluetooth-receiver** and a **tuner receiver** supporting **FM/RDS/DAB/DAB+**,providing a solution of **Digital audio broadcasting (DAB+)**, the signals of which are transmitted in-band, on-channel (IBOC). Several stations can be carried within the same frequency spectrum. And with outstanding features including improved sound quality, reduced fading and multipath effects, enhanced immunity to weather, noise, and other interference, and expansion of the listener base by increasing the number of stations that can broadcast within a given frequency band.

- ✗ Compatible media:USB,Bluetooth,FM(RDS),DAB+(DAB),Aux in.
- ✗ 1 Aux input,1 Line output.
- ✗ Digital Class-D amplifier type with **60W and 120W** available.
- ✗ 70/100-volt and 4 to 16 ohms(Ω) output loads.
- ✗ Two 6.35mm microphone jacks.
- ✗ High-definition display for the working status of playing program.
- ✗ Controls:MIC1,MIC2,master volume,remote control.
- ✗ BASS and TREBLE tone controllers.
- ✗ Individual LED indicator for POWER/SIGNAL/PROTECTION.
- ✗ Protections provided for output short circuit,overload,high temperature,peak output level.



Rear Panel

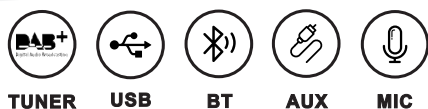


Specifications

| Model | RH1060MD | RH1120MD |
|-----------------------|----------------------------------------------------------------|----------|
| | 60W | 120W |
| Output Mode | Low impedance:4 & 8 ohms (Ω), Voltage line:70V & 100V | |
| Compatible Media | USB,Bluetooth,FM(RDS),DAB+(DAB),Aux in | |
| USB Playable Format | MP3,WMA,WAV | |
| Bluetooth Version | 5.0 version | |
| Tuner Frequency Range | FM(RDS): 87.50 - 108.00 MHz, DAB+(DAB): 168.00 - 240.00 MHz | |
| MIC Input | MIC1/MIC2 : 600 ohms(Ω) 5-10 mv ,unbalanced | |
| AUX Input | 10k ohms(Ω) 150-470 mv ,unbalanced | |
| LINE Output | 0.775V (0 dB) | |
| Frequency Response | 55Hz ~ 22kHz (\pm 3 dB) | |
| THD | <0.5% at 1kHz,1/3 rated power | |
| S/N | AUX:85 dB , MIC:>72 dB | |
| Tone | BASS:100 Hz (\pm 10 dB) , TREBLE:12k Hz (\pm 10 dB) | |
| Protection | AC FUSE: T3.15A, Short circuit,overload,high temperature | |
| Power Cord | (3 \times 0.5 mm ²) \times 1.5M (standard) | |
| Power Supply | AC 100-240V 50/60 Hz | |
| Power Consumption | 84W | 168W |
| Net Weight | 2.90kg | |
| Gross Weight | 3.90kg | 4.60kg |
| Dimension | 72x305x275mm | |
| Carton Size | 130x350x350mm | |

6-ZONE MP3/DAB+ MIXING AMPLIFIER

RH-MD6120WZ/RH-MD6240WZ/RH-MD6350WZ



Descriptions & Features

These Mixing Amplifiers are designed as convenient solution which accommodates different kinds of audio sources including USB/MP3-player,wireless-receiver and a tuner receiver supporting FM(RDS)/DAB+(DAB).

This series of pa amplifiers also possess two groups of AUX inputs,one group of AUX outputs,and five microphone inputs,the MIC1 input overrides the other audio sources.A digital screen displays the working status of playing program,which can be controlled by the front panel buttons or the remote control.

Built-in CHIME and SIREN circuitry with individual control on front panel.120/240/350 watts of amplifier power are available.Featured an industry leading 6 zoned 70 or 100 volt load solution provides an audio output to 5 different zones within the venue,each zone has its own separate switch on/off manually operated on front panel.

All units feature protections against operation under quite severe misuse such as over temperature, over voltage,over load and short circuit speaker line conditions.Widely used in the small to medium distributed speaker systems for PA,paging,or background music.

- ✧ Compatible media:USB,BT,FM(RDS),DAB+(DAB),Aux In.
- ✧ 70/100-volt and 4/8 ohms(Ω) output loads.
- ✧ 120W/240W/350W power outputs available.
- ✧ 2 groups of Aux inputs,1 group of Aux outputs.
- ✧ 6 Zones 70V or 100V speaker outputs with separate switch ON/OFF.
- ✧ Five 48V Phantom Power microphone jacks,and four 6.35mm microphone jacks.
- ✧ Mic 1 has priority over the other inputs.
- ✧ High-definition display for the working status of playing program.
- ✧ Built-in Chime and Siren circuitry with push-button and volume control.
- ✧ BASS and TREBLE tone controllers.
- ✧ Individual and master volume control.
- ✧ Individual LED indicator for POWER/SIGNAL/PROTECTION.
- ✧ Complete protection provided for output short circuit,overload,high temperature.
- ✧ Removable rack mounting brackets supplied.

DAB+
Digital Audio Broadcasting

Rear Panel

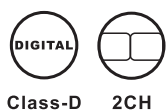


Specifications

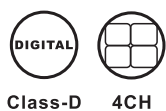
| Model | RH-MD6120WZ | RH-MD6240WZ | RH-MD6350WZ |
|-----------------------|----------------------------------------------------------------------------|-------------|-------------|
| Rated Power | 120W | 240W | 350W |
| Output Mode | Low impedance:4 & 8 ohms (Ω), Voltage line:70V & 100V | | |
| Compatible Media | USB,Bt,FM(RDS),DAB+(DAB),Aux in | | |
| Playable Format | MP3,WAV | | |
| Bluetooth Version | 5.0 version | | |
| Tuner Frequency Range | FM(RDS): 87.50 - 108.00 MHz; DAB+(DAB): 87.50 - 108.00 MHz | | |
| MIC Input | MIC1/MIC2/MIC3 (unbalanced 6.35mm jack);MIC1/MIC2/MIC3 (balanced XLR jack) | | |
| AUX1 Input | RCA(L&R)*1 | | |
| AUX2 Input | RCA(L&R)*1 | | |
| AUX output | LINE-RCA(L&R)*1, RECORD-RCA(L&R)*1 | | |
| Frequency Response | 60 Hz ~ 15k Hz (± 3 dB) | | |
| T.H.D | <1% at 1kHz,1/3 rated power | | |
| S/N | ≥ 75 dB | | |
| Tone Control | BASS:100 Hz (± 10 dB) , TREBLE:10k Hz (± 10 dB) | | |
| Protection | Short circuit,overload,high temperature | | |
| AC Fuse | T2A | T4A | T6A |
| Power Supply | AC 220-240V- 50/60Hz | | |
| Power Consumption | 216W | 445W | 650W |
| Power Cord | (3 \times 0.75 mm ²) \times 1.5M | | |
| Dimension (HxWxD) | 89x430x340mm | | |
| Carton Size (HxWxD) | 185x520x435mm | | |
| Net Weight | 9.00 kg | 11.80 kg | 14.30 kg |
| Gross Weight | 10.50 kg | 13.30 kg | 15.80 kg |

Professional Amplifier DP Series

RH2350DP/RH2500DP/RH2650DP/RH2800DP/RH21000DP
RH4350DP/RH4500DP/RH4650DP/RH4800DP/RH41000DP



RH2350DP/RH2500DP/RH2650DP/RH2800DP/RH21000DP



RH4350DP/RH4500DP/RH4650DP/RH4800DP/RH41000DP

Product Features

- ✖ 1U height 9" width of standard cabinet, compact size, lightweight and portable.
- ✖ ClassD power module with fixed switching frequency.
- ✖ The soft start LLC resonant SMPS module.
- ✖ The active power factor correction (PFC), can be stable working in full voltage range (90-264V).
- ✖ The efficient speaker EMF absorption system.
- ✖ The unique peak limiter and ripple cancellation network.
- ✖ The fan with temperature control and variable speed, airflow from front to rear.
- ✖ Connection mode selection (stereo / parallel / bridge).
- ✖ Input sensitivity switch (0.775v/1v/32dB).
- ✖ The whole circuit protection, including: soft start, DC, infrasonic frequency, VHF, overheat, short circuit, mute on / off.
- ✖ The low frequency powerful, depth is extremely low, mid high frequency with high transparent, clear and sweet.
- ✖ The integration design of the power amplifier module and power supply module, more than 85% components with mechanical automation operation, to ensure the consistency of the product.

Applications

- The touring / portable audio performance ;
- The KTV/ bar / Music Hall ;
- The stadium / arena ;

Technical Specifications

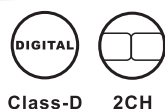
| | |
|-------------------------------------------------------------------|----------------|
| Frequency response 8Ω, 20Hz--20kHz, 1/8 rated power | ±0.5dB |
| THD+N (typical) 8Ω, 1kHz, 1/8 rated power | ≤0.035% |
| Intermodulation distortion 8Ω, 60+7kHz, 1/8 rated power | ≤0.15% |
| Signal To Noise Ratio 8Ω, 1kHz, 1v sensitivity | ≥104dB |
| Input sensitivity | 0.775v/1v/32dB |
| Input impedance (balanced / unbalanced) | 20KΩ/10KΩ |
| Conversion rate | ≥20v/uS |
| Damping factor | ≥600 |
| Resolution | ≥70dB |

Specifications

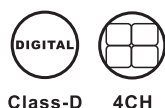
| Model | RH2350DP | RH2500DP | RH2650DP | RH2800DP | RH21000DP | RH4350DP | RH4500DP | RH4650DP | RH4800DP | RH41000DP |
|-------------------------------|----------------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------|
| 8Ω stereo power | 350W x2 | 500W x2 | 650W x2 | 800W x2 | 1000W x2 | 350W x4 | 500W x4 | 650W x4 | 800W x4 | 1000W x4 |
| 4Ω stereo power | 580W x2 | 800W x2 | 1050W x2 | 1300W x2 | 1650W x2 | 580W x4 | 800W x4 | 1050W x4 | 1300W x4 | 1650W x4 |
| 2Ω stereo power | 800W x2 | 1100W x2 | 1400W x2 | 1750W x2 | 2100W x2 | | | | | |
| 8Ω Bridge power | 1160W x1 | 1600W x1 | 2100W x1 | 2600W x1 | 3300W x1 | 1160W x2 | 1600W x2 | 2100W x2 | 2600W x2 | 3300W x2 |
| 4Ω Bridge power | 1600W x1 | 2200W x1 | 2800W x1 | 3500W x1 | 4200W x1 | | | | | |
| Product dimension (W x L x H) | 483x251x45 mm | | | | | | | | | |
| Package dimension (W x L x H) | 530x360x100 mm | | | | | | | | | |
| Net weight | 4.1kg | 4.2kg | 4.4kg | 4.6kg | 4.9kg | 5.0kg | 5.2kg | 5.5kg | 5.8kg | 6.5kg |
| Gross weight | 5.3kg | 5.4kg | 5.6kg | 5.8kg | 6.1kg | 6.2kg | 6.4kg | 6.7kg | 7.0kg | 7.5kg |

Professional Amplifier DS Series

RH2900DS/RH21100DS/RH21800DS/RH22100DS
RH22400DS/RH22800DS/RH41500DS/RH41800DS



RH2900DS/RH21100DS/RH21800DS/RH22100DS/RH22400DS/RH22800DS



RH41500DS/RH41800DS

Product Features

- ※ 1U height of standard cabinet, compact size, lightweight and portable.
- ※ ClassD power module with fixed switching frequency.
- ※ The soft start LLC resonant SMPS module.
- ※ The active power factor correction (PFC), can be stable working in full voltage range (90-264V).
- ※ The efficient speaker EMF absorption system.
- ※ The unique peak limiter and ripple cancellation network.
- ※ The fan with temperature control and variable speed, airflow from front to rear.
- ※ Connection mode selection (stereo / parallel / bridge).
- ※ Input sensitivity switch (0.775v/1v/32dB).
- ※ The whole circuit protection, including: soft start, DC, infrasonic frequency, high-frequency, overheat, short circuit, mute on / off.
- ※ The low frequency powerful, depth is extremely low, mid high frequency with high transparent, clear and sweet.
- ※ The integration design of the power amplifier module and power supply module, more than 85% components with mechanical automation operation, to ensure the consistency of the product.

Applications

The touring / portable audio performance ;
The KTV/ bar / Music Hall ;
The stadium / arena ;

Technical Specifications

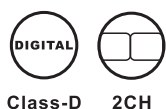
| | |
|-------------------------------------------------------------------|----------------|
| Frequency response 8Ω, 20Hz--20kHz, 1/8 rated power | ±0.5dB |
| THD+N (typical) 8Ω, 1kHz, 1/8 rated power | ≤0.035% |
| Intermodulation distortion 8Ω, 60+7kHz, 1/8 rated power | ≤0.15% |
| Signal To Noise Ratio 8Ω, 1kHz, 1v sensitivity | ≥106dB |
| Input sensitivity | 0.775v/1v/32dB |
| Input impedance (balanced / unbalanced) | 20KΩ/10KΩ |
| Damping factor | ≥20v/uS |
| Damping factor | ≥600 |
| Resolution | ≥70dB |

Specifications

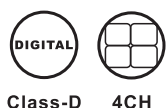
| Model | RH2900DS | RH21100DS | RH21800DS | RH22100DS | RH22400DS | RH22800DS | RH41500DS | RH41800DS |
|-------------------------------|----------------|-----------|-----------|-----------|---------------|-----------|---------------|-----------|
| 8Ωstereo power | 900W x2 | 1100W x2 | 1800W x2 | 2100W x2 | 2400W x2 | 2800W x2 | 1500W x4 | 1800W x4 |
| 4Ωstereo power | 1400W x2 | 1800W x2 | 3000W x2 | 3400W x2 | 3800W x2 | 4500W x2 | 2300W x4 | 2800W x4 |
| 2Ωstereo power | 1750W x2 | 2000W x2 | 3600W x2 | 4000W x2 | 5000W x2 | 5500W x2 | | |
| 8ΩBridge power | 2800W x1 | 3600W x1 | 5600W x1 | 6800W x1 | 7600W x1 | 9000W x1 | 4600W x2 | 5200W x2 |
| 4ΩBridge power | 3500W x1 | 4000W x1 | 7200W x1 | 8000W x1 | 10000W x1 | 11000W x1 | | |
| Product dimension (W x L x H) | 483x251x44 mm | | | | 483x308x44 mm | | 483x403x44 mm | |
| Package dimension (W x L x H) | 530x360x100 mm | | | | 523x445x80 mm | | 545x525x80 mm | |
| Net weight | 5.5kg | 5.7kg | 6.5kg | 6.8kg | 8.0kg | 8.3kg | 10.0kg | 10.2kg |
| Gross weight | 6.7kg | 6.9kg | 7.7kg | 8.0kg | 9.4kg | 9.7kg | 11.6kg | 11.8kg |

Professional Power Amplifier DZ Series

RH21800DZ/RH22100DZ/RH22500DZ/RH23000DZ
RH41000DZ/RH41500DZ/RH42000DZ



 RH21800DZ/RH22100DZ/RH22500DZ/RH23000DZ



 RH41000DZ/RH41500DZ/RH42000DZ

Product Features

- ※ 1U height of 11" standard cabinet, compact size, lightweight and portable.
- ※ ClassD power module with fixed switching frequency.
- ※ The soft start LLC resonant SMPS module.
- ※ The active power factor correction (PFC), can be stable working in full voltage range (90-264V).
- ※ The efficient speaker EMF absorption system.
- ※ The unique peak limiter and ripple cancellation network.
- ※ The fan with temperature control and variable speed, airflow from front to rear.
- ※ Connection mode selection (stereo / parallel / bridge).
- ※ Input sensitivity switch (0.775v/1v/32dB).
- ※ The whole circuit protection, including: soft start, DC, infrasonic frequency, high-frequency, overheat, short circuit, mute on / off.
- ※ The low frequency powerful, depth is extremely low, mid high frequency with high transparent, clear and sweet.
- ※ The integration design of the power amplifier module and power supply module, more than 85% components with mechanical automation operation, to ensure the consistency of the product.

Applications

The touring / portable audio performance ;
The KTV / bar / Music Hall ;
The stadium / arena ;

Technical Specifications

| | |
|-------------------------------------------------------------------|----------------|
| Frequency response 8Ω, 20Hz--20kHz, 1/8 rated power | ±0.5dB |
| THD+N (typical) 8Ω, 1kHz, 1/8 rated power | ≤0.035% |
| Intermodulation distortion 8Ω, 60+7kHz, 1/8 rated power | ≤0.15% |
| Signal To Noise Ratio 8Ω, 1kHz, 1v sensitivity | ≥106dB |
| Input sensitivity | 0.775v/1v/32dB |
| Input impedance (balanced / unbalanced) | 20KΩ/10KΩ |
| Conversion rate | ≥20v/uS |
| Damping factor | ≥600 |
| Resolution | ≥70dB |

Specifications

| Model | RH21800DZ | RH22100DZ | RH22500DZ | RH23000DZ | RH41000DZ | RH41500DZ | RH42000DZ |
|-------------------------------|----------------|-----------|---------------|-----------|---------------|---------------|-----------|
| 8Ω stereo power | 1800W x2 | 2100W x2 | 2500W x2 | 3000W x2 | 1000W x4 | 1500W x4 | 2000W x4 |
| 4Ω stereo power | 3000W x2 | 3600W x2 | 4000W x2 | 4700W x2 | 1650W x4 | 2400W x4 | 3000W x4 |
| 2Ω stereo power | 3900W x2 | 4200W x2 | 5200W x2 | 5700W x2 | | | |
| 8Ω Bridge power | 3000W x1 | 7200W x1 | 8000W x1 | 9400W x1 | 3300W x2 | 4800W x2 | 6000W x2 |
| 4Ω Bridge power | 7800W x1 | 8400W x1 | 10400W x1 | 11400W x1 | | | |
| Product dimension (W x L x H) | 483x251x44 mm | | 483x308x44 mm | | 483x251x44 mm | 483x403x44 mm | |
| Package dimension (W x L x H) | 530x360x100 mm | | 530x445x80 mm | | 530x445x80 mm | 545x525x80 mm | |
| Net weight | 6.5kg | 6.8kg | 8.0kg | 8.3kg | 6.5kg | 10.0kg | 10.2kg |
| Gross weight | 7.7kg | 8.0kg | 9.4kg | 9.7kg | 7.5kg | 11.6kg | 11.8kg |

Professional Power Amplifier Series

DSP & DANTE



Produce Features

- ※ Built-in analog digital signal processor, light weight body, strong power output.
- ※ Audio signals can be processed accurately by route, gain, phase, mute, parametric equalizer, delay, frequency division, compression and limitation.
- ※ The power amplifier adopts a stable and efficient ClassD power amplifier module.
- ※ The efficiency of the ClassD power amplifier module is over 92%, which makes the power amplifiers have high efficiency and reliability, and also has extremely high power density.
- ※ Power supply adopts high-efficiency and stable R-SMPS power supply system.
- ※ The soft start LLC resonant SMPS module.
- ※ The active power factor correction (PFC), can be stable working in full voltage range (90-264V).
- ※ Perfect protection system to effectively reduce damage caused by improper use and further improve machine reliability.
- ※ The efficient speaker EMF absorption system.
- ※ The unique peak limiter and ripple cancellation network.
- ※ The low frequency powerful, depth is extremely low, mid high frequency with high transparent, clear and sweet.
- ※ The integration design of the power amplifier module and power supply module, more than 85% components with mechanical automation operation, to ensure the consistency of the product.

DSP and Dante feature to be added on the DP, DS or DZ series.

DSP Features

- ※ DSP Specifications: Main frequency pling frequency 96KHz
24-bit A/D and D/A conversion
- ※ LCD display: Backlight 2x16 characteristics LCD display
- ※ Input impedance: 20kΩ/10kΩ Balanced /
unbalanced: 20kΩ/10kΩ
- ※ Max input level: +17dBu (5.5V)
- ※ Frequency response: 20Hz-20kHz (0-0.5dB)
- ※ Route: Each output channel can choose a different input channel or any combination of input channels
- ※ Gain: 0.1dB Adjustment range: +15dB, -40dB, 0.1dB per unit
- ※ Delay: 0-20ms separately delay control for each input and output channel, and the adjustment range is 0-20ms
- ※ EQ: PEQ/Lo-Shelf/Hi-Shelf Each input and output channel can be set up 31 equilibria, the EQ way is: PEQ/Lo-Shelf/Hi-Shelf
- ※ Limiter: starting time: 10ms-3000ms, Step: 1ms; Hold time: 0ms-3000ms, Step: 1ms; Release time: 10ms-3000ms, Step: 1ms;

Basic Technical Specifications

| | |
|-----------------------|--------------------------------------------------------------------------------------------|
| Input impedance | >20kΩ/>10kΩ |
| THD+N (typical) | <0.05% |
| Frequency response | <+/-0.5dB |
| Signal to Noise Ratio | >100dB |
| Damping factor | >600 |
| Conversion rate | >20V/us |
| Input sensitivity | 29dB, 32dB, 35dB, 38dB, 41dB |
| Impedance | ≥2Ω |
| Wind path | The fan with temperature control and variable speed, airflow from front to rear |
| Circuit protection | Soft start, DC, Infrasonic frequency, High-frequency, Overheat, Short circuit, Mute on/off |

Digital Signal Processor

RH-DSP84



DSP



- ※ **Number of analog input and output channels: 8 x 4**
- ※ Processor: ADI SHARC 21489
- ※ Sampling rate/quantization bit: 48K/24bit
- ※ 40bit DSP floating point engine
- ※ Input gain: 0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu
- ※ Phantom power supply: +48V/10mA max
- ※ Frequency response (20~20kHz): $\pm 0.3\text{dB}$
- ※ Maximum level: +18dBu
- ※ THD+N: <-95dB @17dBu
- ※ Input dynamic range: 113dB
- ※ Output dynamic range: 113dB
- ※ Channel isolation @ 1kHz: -108dB
- ※ Input impedance (balanced connection): 5.4K Ω
- ※ Output impedance (balanced connection): 600 Ω
- ※ System delay: <3ms
- ※ Working power supply: AC110~240V, 50Hz/60Hz
- ※ Dimensions (W x D x H): 482 x 260 x 45mm
- ※ Transportation weight: 4kg

Digital Signal Processor

RH-DSP88



DSP



- ※ **Number of analog input and output channels: 8 x 8**
- ※ Processor: ADI SHARC 21489
- ※ Sampling rate/quantization bit: 48K/24bit
- ※ 40bit DSP floating point engine
- ※ Input gain: 0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu
- ※ Phantom power supply: +48V/10mA max
- ※ Frequency response (20~20kHz): $\pm 0.3\text{dB}$
- ※ Maximum level: +18dBu
- ※ THD+N: <-95dB @17dBu
- ※ Input dynamic range: 113dB
- ※ Output dynamic range: 113dB
- ※ Channel isolation @ 1kHz: -108dB
- ※ Input impedance (balanced connection): 5.4K Ω
- ※ Output impedance (balanced connection): 600 Ω
- ※ System delay: <3ms
- ※ Working power supply: AC110~240V, 50Hz/60Hz
- ※ Dimensions (W x D x H): 482 x 260 x 45mm
- ※ Transportation weight: 4kg

Digital Signal Processor

RH-DSP812



DSP



- ※ **Number of analog input and output channels: 8 x 12**
- ※ Processor: ADI SHARC 21489
- ※ Sampling rate/quantization bit: 48K/24bit
- ※ 40bit DSP floating point engine
- ※ Input gain: 0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu
- ※ Phantom power supply: +48V/10mA max
- ※ Frequency response (20~20kHz): $\pm 0.3\text{dB}$
- ※ Maximum level: +18dBu
- ※ THD+N: <-95dB @17dBu
- ※ Input dynamic range: 113dB
- ※ Output dynamic range: 113dB
- ※ Channel isolation @ 1kHz: -108dB
- ※ Input impedance (balanced connection): 5.4K Ω
- ※ Output impedance (balanced connection): 600 Ω
- ※ System delay: <3ms
- ※ Working power supply: AC110~240V, 50Hz/60Hz
- ※ Dimensions (W x D x H): 482 x 260 x 45mm
- ※ Transportation weight: 4KG

Digital Signal Processor

RH-DSP84D



DSP



Dante



- ※ Number of analog input and output channels: 8 x 4
- ※ Number of Dante input and output channels: 8 x 8
- ※ Processor: ADI SHARC 21489
- ※ Sampling rate/quantization bit: 48K/24bit
- ※ 40bit DSP floating point engine
- ※ Input gain: 0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu
- ※ Phantom power supply: +48V/10mA max
- ※ Frequency response (20~20kHz): ± 0.3 dB
- ※ Maximum level: +18dBu
- ※ THD+N: <-95dB @ 17dBu
- ※ Input dynamic range: 113dB
- ※ Output dynamic range: 113dB
- ※ Channel isolation @ 1kHz: 108dB
- ※ Input impedance (balanced connection): 5.4K Ω
- ※ Output impedance (balanced connection): 600 Ω
- ※ System delay: <3ms
- ※ Working power supply: AC110~240V, 50Hz/60Hz
- ※ Dimensions (W x D x H): 482 x 260 x 45mm
- ※ Transportation weight: 4kg

Digital Signal Processor

RH-DSP88D



DSP



Dante



- ※ Number of analog input and output channels: 8 x 8
- ※ Number of Dante input and output channels: 8 x 8
- ※ Processor: ADI SHARC 21489
- ※ Sampling rate/quantization bit: 48K/24bit
- ※ 40bit DSP floating point engine
- ※ Input gain: 0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu
- ※ Phantom power supply: +48V/10mA max
- ※ Frequency response (20~20kHz): ± 0.3 dB
- ※ Maximum level: +18dBu
- ※ THD+N: <-95dB @ 17dBu
- ※ Input dynamic range: 113dB
- ※ Output dynamic range: 113dB
- ※ Channel isolation @ 1kHz: 108dB
- ※ Input impedance (balanced connection): 5.4K Ω
- ※ Output impedance (balanced connection): 600 Ω
- ※ System delay: <3ms
- ※ Working power supply: AC110~240V, 50Hz/60Hz
- ※ Dimensions (W x D x H): 482 x 260 x 45mm
- ※ Transportation weight: 4kg

Digital Signal Processor

RH-DSP812D



DSP



Dante



- ※ Number of analog input and output channels: 8 x 12
- ※ Number of Dante input and output channels: 8 x 8
- ※ Processor: ADI SHARC 21489 x2
- ※ Sampling rate/quantization bit: 48K/24bit
- ※ 40bit DSP floating point engine
- ※ Input gain: 0/3/6/9/12/15/18/21/24/27/30/33/36/39/42/45/48 dBu
- ※ Phantom power supply: +48V/10mA max
- ※ Frequency response (20~20kHz): ± 0.3 dB
- ※ Maximum level: +18dBu
- ※ THD+N: <-95dB @ 17dBu
- ※ Input dynamic range: 113dB
- ※ Output dynamic range: 113dB
- ※ Channel isolation @ 1kHz: 108dB
- ※ Input impedance (balanced connection): 5.4K Ω
- ※ Output impedance (balanced connection): 600 Ω
- ※ System delay: <3ms
- ※ Working power supply: AC110~240V, 50Hz/60Hz
- ※ Dimensions (W x D x H): 482 x 260 x 45mm
- ※ Transportation weight: 4kg

Audio Source Series

Digital Tuner

RH650FRD

USB/BT/AUX/AM/FM/RDS/DAB+



| Model | RH650FRD |
|-----------------------|--------------------------------------------------------------------------------------------|
| System | Digital Tuner Player |
| Compatible media | USB, Bluetooth, FM(RDS), DAB+(DAB), AM, Aux in |
| Playable formats | USB: MP3, WAV, WMA, FLAC, APE |
| Bluetooth version | 5.0 version |
| Tuner Frequency Range | FM(RDS): 87.50 - 108.00 MHz ; DAB+(DAB): 168.00 - 240.00 MHz ; AM: 522 - 1620 KHz |
| Frequency response | 20 Hz - 20 KHz (±0.5 dB) |
| S/N ratio | More than 105 dB |
| T.H.D | Less than 0.005% |
| Unbalanced out L/R | Load impedance: Over 10 kΩ/kohms Output level: 2 Vrms (Max. 10 dBu) at 10 kΩ/kohms load |
| Balanced out L/R | Load impedance: Over 600Ω/ohms Output level: 8.23 dBu (Max. 24 dBu) at 600Ω/ohms load |
| Power supply | AC 100-240V 50/60 Hz |
| Power consumption | 30W (0.5W standby) |
| Product size | 372x267x49mm |
| Carton size | 520x355x117mm |
| Net Weight | 2.80kg |
| Gross Weight | 3.50kg |

Descriptions & Features

The Digital Tuner RH650FRD is an ideal as a background music source in a sound system of all sizes by providing broadcast program material, it incorporates a digital module for precise reception of AM, FM, RDS, DAB and DAB+ signals.

Also this player enjoys a USB port on front panel allowing to play USB disk, also an AUX input allowing to connect an additional audio source such as cd player, computer, mobile phone etc.

Moreover built-in Bluetooth receiver supporting connectivity with mobile device.

User can operate this device by pushing the buttons on its front panel or using its remote control.

※ Manual and automatic tuning with remote control.

※ Incorporates a digital module for precise reception of AM, FM, RDS, DAB and DAB+ signals.

※ Enjoys a USB port on front panel allowing to play USB disk.

※ An AUX input allowing to connect additional audio source.

※ Bluetooth connectivity.

※ 1U design for installation in standard equipment rack or on desk.



CD/DVD Player

RH2812CD

CD/DVD/USB



Descriptions & Features

The USB/CD/DVD Player RH2812CD 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.

- ※ With remote control.
- ※ 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 1.5U height.
- ※ Supports more formats: DVD, VCD, CD, HDCD, DIVX, SVCK, MPEG4, Np3, WMA, CDR/RW format disc and auto play function.

Specifications

| Model | RH2812CD |
|--------------------|------------------------------------------|
| Compatible Media | CD, DVD, USB |
| Playable Formats | CD: CD/CD-R, CD-RW; USB: MP3, WAV, WMA |
| 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 |
| Net Weight | 2.7kg |
| Gross Weight | 3.8kg |

Rear Panel



Digital CD Player

RH620CUB

CD/BT/USB



Descriptions & Features

This Digital CD player RH620CUB supports USB and Bluetooth connectivity, also includes an AUX input for local additional audio source, this highly versatile yet affordable media player is perfect for retail, education, hotel applications and any other pa commercial audio system.

The drive will load the CD automatically when it is inserted into this slot. On the rear side, the outputs are provided with RCA & XLR connection interface.

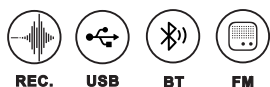
This player can be operated through the front panel pushbuttons, also can be done through its remote control.

1U height design for installation in standard equipment rack or on desk.

Specifications

| Model | RH620CUB |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------|
| System | CD/USB/BT Player |
| Compatible media | CD, USB, Bluetooth, Aux In |
| Playable formats | CD: CD, CD-R, CD-RW USB: MP3, WAV, WMA, FLAC, APE |
| Bluetooth version | 5.0 version |
| Frequency response | 20 Hz - 20 KHz (±0.5 dB) |
| S/N ratio | More than 105 dB |
| T.H.D | Less than 0.005% |
| Unbalanced out L/R | RCA terminal Load impedance: Over 10 kΩ/kohms Output level: 2 Vrms (Max. 10 dBu) at 10 kΩ/kohms load |
| Balanced out L/R | XLR terminal (1: GND, 2: Hot, 3: Cold) Load impedance: Over 600Ω/ohms Output level: 8.23 dBu (Max. 24 dBu) at 600Ω/ohms load |
| Power supply | AC 100-240V 50/60 Hz |
| Power consumption | 30W (0.5W standby) |
| Product size | 372x267x49mm |
| Carton size | 520x355x117mm |
| Net Weight | 3.30kg |
| Gross Weight | 4.00kg |





Specifications

| Model | RH350URP |
|----------------------|--------------------------------|
| Compatible Media | USB, Bluetooth, FM |
| USB Playable Formats | MP3, WAV, WMA |
| Bluetooth Version | 4.2 version |
| Frequency Response | 20 Hz - 20 KHz (± 0.5 dB) |
| S/N Ratio | More than 105 dB |
| T.H.D | Less than 0.005% |
| Record Input | RCA (R&L) |
| Audio Output | RCA (R&L) |
| Power Supply | AC 100-240V 50/60 Hz |
| Power Consumption | 30W (0.5W standby) |
| Product Size | 372x267x49mm |
| Carton Size | 520x355x117mm |
| Net Weight | 3.30kg |
| Gross Weight | 4.00kg |

Descriptions & Features

The Usb Recorder & Player RH350URP is designed with audio recorder, the recording file will be created in WAV format and saved in an external U disk connected with this unit through USB port on the front panel.

This unit can also be used as an USB player to play the MP3, WMA and WAV files. Built-in FM tuner with receiving frequency range 87.5 MHz~108 MHz.

Built-in Bluetooth receiver allowing you to connect with a mobile device. All these features make this unit be perfect for a variety of occasions where the recording and playing are required, such as class, lectures or meetings etc.

- ※ Supports voice recording.
- ※ Works as a USB disk player.
- ※ Built-in FM tuner.
- ※ Features Bluetooth connectivity.
- ※ Remote control.
- ※ Standard 1U height.

Rear Panel



Specifications

| Model | RH2838K |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Audio Output | 2 Ways and 4 Sound Tracks (-20dB Recording) |
| Frequency Response | 40-14000Hz (± 3 dB) Normal tape 40-1 SOOOHz (± 3 dB) Cro2 tape 40-16000Hz (± 3 dB) Metal tape |
| Wow Flutter Ratio | 0.15% |
| Separation | 60dB (1 KHz) |
| THD | K3 0.5% THD 1 % |
| Signal Input | 80mV/SOK MIN |
| Signal Output | 80mV/Sk |
| S/N | Ac11 OV 60Hz |
| Power Consumption in Working Mode | 10 W |
| Power Consumption in Ready Mode | 16.93" x 11" x 5.1" -inches |

Features

- ※ Excellent Hi-Fi Sound
- ※ Automatically Recording System with Good Recording
- ※ High-quality Auto Backspace Movement
- ※ First-class Hi-Fi Recording Movement
- ※ Double-color FL Mountain-like Electric Level Indicator
- ※ Digital DNR Professional Noise Reducing System
- ※ Multi Styles of Tape are Optional for Both Playing and Recording (A&B Deck)
- ※ Recording Electric Levels of the Left and Right Audio are of Independent Control

WHATS IN THE BOX

- ※ Dual Cassette Deck
- ※ Audio Cable

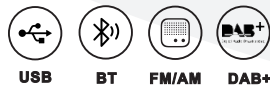
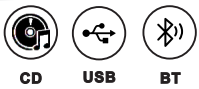
Rear Panel



2CH All-in-One Media Player

RH680CAS

CD/USB/BT/AM/FM/RDS/DAB+



Specifications

| Model | RH680CAS |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Compatible media | Channel A: CD, USB, Bluetooth Channel B: USB, Bluetooth, FM(RDS), DAB+(DAB), AM |
| Playable formats | CD: CD, CD-R, CD-RW USB: MP3, WAV, WMA, FLAC, APE |
| Bluetooth version | 5.0 version |
| Frequency range | FM(RDS): 87.50 - 108.00 MHz DAB+(DAB): 168.00 - 240.00 MHz AM: 522 - 1620 KHz |
| Frequency response | 20 Hz - 20 KHz (±0.5 dB) |
| S/N ratio | More than 105 dB |
| T.H.D | Less than 0.005% |
| Unbalanced out L/R | RCA terminal x 2 Load impedance: Over 10 kΩ/kohms Output level: 2 Vrms (Max. 10 dBu) at 10 kΩ/kohms load |
| Balanced out L/R | XLR terminal x 2 (1:GND, 2:Hot, 3:Cold) Load impedance: Over 600Ω/ohms Output level: 8.23 dBu (Max. 24 dBu) at 600Ω/ohms load |
| Power supply | AC 115/240V 50/60 Hz |
| Power consumption | 30W (0.5W standby) |
| Product size | 372x267x49mm |
| Carton size | 520x355x117mm |
| Net weight | 3.40kg |
| Gross weight | 4.10kg |

Descriptions & Features

This Media Player RH680CAS is an All-In-One audio source device which accommodates different kinds of audio sources into one single device with two channels:

Left side media combines a CD-Player, USB/MP3-player and Bluetooth-receiver.

Right side media combines USB/MP3-player, Bluetooth-receiver and a tuner

receiver supporting AM/FM(RDS)/DAB+(DAB).

This player can be operated through the front panel pushbuttons, also can be done through its remote control.

1U height design for installation in standard equipment rack or on desk.

※ Channel A combines a CD-Player, USB/MP3-player and Bluetooth-receiver.

※ Channel B combines USB/MP3-player, Bluetooth-receiver and a tuner receiver supporting FM/AM/RDS/DAB/DAB+.

※ Two groups of stereo outputs provided with RCA & XLR connection interface.

※ With remote control.

※ 1U design for installation in standard equipment rack or on desk.

Rear Panel



Mp3 Program Timing Player

RH2805M

USB/FM/AUX/TIMING



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 |

Descriptions & Features

The MP3 Program Player RH2805M is a kind of timing player of the MP3 program timing platform and integrating the playing of program and the timing control of the playing of the program from U disk.

Users can play MP3 from U disk or FM radio on a regular interval. A timer with 8 editable timing points cycling by a week, up to 100 editable.

Timing points for 1 day and power-off information memory of timing points.

Edit timing points on a computer and copy edited timing points from computer to built-in memory through USB interface. Suitable for any public places where the automatic timing tasks are required with sound remind such as school bell, shopping market timing announcement, company interval bell etc.

※ Built-in FM tuner.

※ Built-in local monitor speaker.

※ Built-in MP3 player with USB port.

※ Built-in 4G flash memory for uploading audio source.

※ With one microphone input for making announcement.

※ A featured timer with editable points for specific timing tasks.

※ 4CH AC power output sockets can be controlled by timing points.

※ 4CH 100V amplified signal inputs, 4 pairs of zone speaker output terminals.

Rear Panel



Paging Microphone with Chime

RH300MC/RH301MC

RH300MC



Descriptions & Features

This is a compact desktop paging microphone with goose-neck positioning flexibility for sound reinforcement applications, ideal for voice announcement system.

- ※ Built-in 2-tone chime unit.
- ※ Effective control of feedback, reduced ambient handling noise, and low sensitivity to breath and popping sounds.
- ※ Features a foam-mesh filter.
- ※ Table stand with on/off switch.

Specifications

| Model | RH300MC |
|------------------------|-------------------|
| Frequency Response | 40Hz~16KHz |
| Capsule Type | Condenser |
| Polar Pattern | Cardioid |
| Output Impedance | 200 Ω |
| Sensitivity | -38dB±2 |
| Power Supply | DC9V / AC110-240V |
| Sound Pick-up Distance | 40cm |
| Gooseneck Length | 420mm |
| Cable Length | 10m |
| Battery Working Time | 18hrs |
| Base Dimension(W*D*H) | 126*150*39mm |
| Net Weight | 0.67kg |

RH301MC



Descriptions & Features

This is a compact desktop paging microphone with goose-neck positioning flexibility for sound reinforcement applications, ideal for voice announcement system.

- ※ Built-in 4-tone chime unit.
- ※ Effective control of feedback, reduced ambient handling noise, and low sensitivity to breath and popping sounds.
- ※ Features a foam-mesh filter.
- ※ Table stand with on/off switch.

Specifications

| Model | RH301MC |
|------------------------|-------------------|
| Frequency Response | 40Hz~16KHz |
| Capsule Type | Condenser |
| Polar Pattern | Cardioid |
| Output Impedance | 200 Ω |
| Sensitivity | -45dB±2 |
| Power Supply | DC9V / AC110-240V |
| Sound Pick-up Distance | 40cm |
| Gooseneck Length | 390mm |
| Cable Length | 10m |
| Battery Working Time | 18 hours |
| Base Dimension(W*D*H) | 183*112*43mm |
| Net Weight | 0.72kg |

48V Phantom Power Paging Microphone

RH302MC/RH303MC

RH302MC



Descriptions & Features

This is a compact desktop paging microphone with goose-neck positioning flexibility for sound reinforcement applications, ideal for voice announcement system.

- ※ Supports connection with +48V Phantom Power.
- ※ Effective control of feedback, reduced ambient handling noise, and low sensitivity to breath and popping sounds.
- ※ Features a foam-mesh filter.
- ※ Table stand with on/off switch.

Specifications

| Model | RH302MC |
|------------------------|---------------------------|
| Frequency Response | 40Hz~16KHz |
| Capsule Type | Condenser |
| Polar Pattern | Cardioid |
| Output Impedance | 200 Ω |
| Sensitivity | -40dB±2 |
| Power Supply | DC3V or 48V Phantom Power |
| Sound Pick-up Distance | 45cm |
| Gooseneck Length | 410mm |
| Cable Length | 8m |
| Battery Working Time | 24hrs |
| Base Dimension(W*D*H) | 114*140*37mm |
| Net Weight | 0.78kg |

RH303MC



Descriptions & Features

This is a compact desktop paging microphone with goose-neck positioning flexibility for sound reinforcement applications, ideal for voice announcement system.

- ※ Supports connection with +48V Phantom Power.
- ※ Effective control of feedback, reduced ambient handling noise, and low sensitivity to breath and popping sounds.
- ※ Features a foam-mesh filter.
- ※ Table stand with on/off switch.

Specifications

| Model | RH303MC |
|------------------------|---------------------------|
| Frequency Response | 30Hz~20KHz |
| Capsule Type | Condenser |
| Polar Pattern | Cardioid |
| Output Impedance | 200 Ω |
| Sensitivity | -42dB±2 |
| Power Supply | DC3V or 48V Phantom Power |
| Sound Pick-up Distance | 45cm |
| Gooseneck Length | 410mm |
| Cable Length | 8m |
| Battery Working Time | 24hrs |
| Base Dimension(W*D*H) | 114*168*57mm |
| Net Weight | 0.60kg |

UHF Wireless Microphone

RH501UT/RH330U/RH331U/RH360U/RH640U/RH680U



RH501UT

UHF 1-Channel Wireless Microphone

Working Distance:200 meters
Belt-pack or handheld microphone



RH330U

UHF 2-Channel Wireless Microphone

Working Distance:30 meters
Belt-pack,handheld microphone or desktop microphone



RH331U

UHF 2-Channel Wireless Microphone

Working Distance:40 meters
Belt-pack,handheld microphone or desktop microphone



RH360U

UHF 2-Channel Wireless Microphone

Working Distance:80-100 meters
Belt-pack,handheld microphone or desktop microphone



RH640U

UHF 4-Channel Wireless Microphone

Working Distance:50-80 meters
Belt-pack,handheld microphone or desktop microphone



RH680U

UHF 8-Channel Wireless Microphone

Working Distance:50-80 meters
Belt-pack,handheld microphone or desktop microphone

PA Speaker Series



Full-Weather Column Speaker

RH-CS11/RH-CS12/RH-CS13/RH-CS14

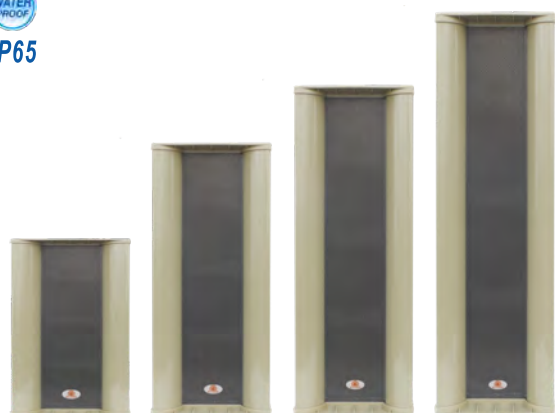


Specifications

| Model | RH-CS11 | RH-CS12 | RH-CS13 | RH-CS14 |
|----------------|---------------------------|---------------|---------------|---------------|
| Rated Power | 5W/10W | 10W/20W | 15W/30W | 20W/40W |
| Audio Input | 100V | 100V | 100V | 100V |
| Fre. Response | 100Hz-15KHz | 100Hz-15KHz | 100Hz-15KHz | 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 | | | |
| Net Weight | 1.60kg | 2.50kg | 3.30kg | 3.90kg |
| Speaker Driver | 4"×1 | 4"×2 | 4"×3 | 4"×4 |

Full-Weather Column Speaker

RH-CS51/RH-CS52/RH-CS53/RH-CS54

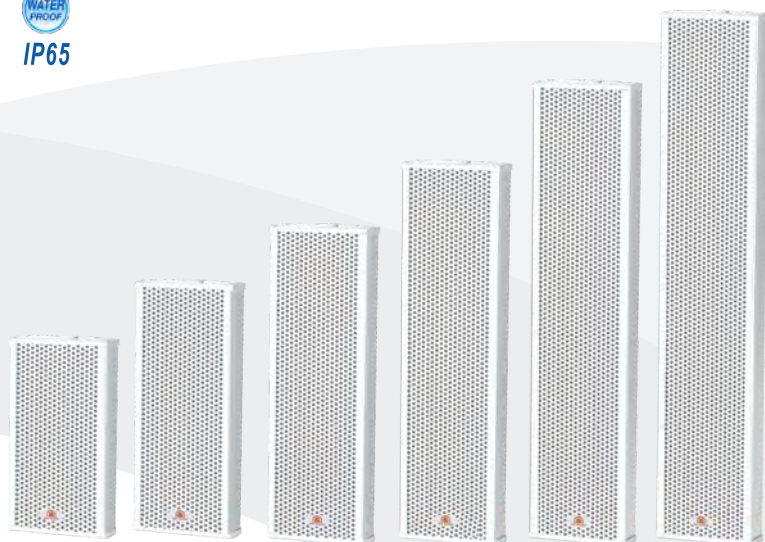


Specifications

| Model | RH-CS51 | RH-CS52 | RH-CS53 | RH-CS54 |
|----------------|---------------------------|---------------|---------------|---------------|
| Rated Power | 5W/10W | 10W/20W | 15W/30W | 20W/40W |
| Audio Input | 100V | 100V | 100V | 100V |
| Fre. Response | 100Hz-15KHz | 100Hz-15KHz | 100Hz-15KHz | 100Hz-15KHz |
| Sensitivity | 89±3dB | 92±3dB | 94±3dB | 95±3dB |
| Dimension | 258*151*125mm | 378*151*125mm | 498*151*125mm | 618*151*125mm |
| Installation | Indoor/Outdoor wall mount | | | |
| Material | Aluminium alloy | | | |
| Net Weight | 2.20kg | 3.20kg | 4.20kg | 5.00kg |
| Speaker Driver | 4"×1+1.5"×1 | 4"×2+1.5"×1 | 4"×3+1.5"×1 | 4"×4+1.5"×1 |

Full-Weather Column Speaker

RH-CS702/RH-CS704/RH-CS706/RH-CS708/RH-CS710/RH-CS712

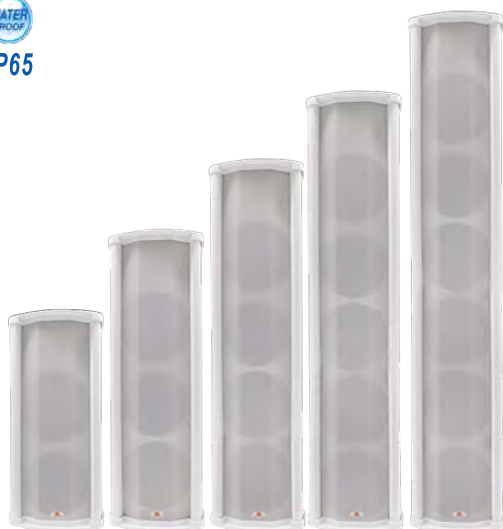


Specifications

| Model | RH-CS702 | RH-CS704 | RH-CS706 |
|--------------------|---------------------------|--------------|--------------|
| Rated Power | 10W/20W | 20W/40W | 30W/60W |
| Audio Input | 100V | 100V | 100V |
| Frequency Response | 140Hz-15KHz | 140Hz-15KHz | 140Hz-15KHz |
| Sensitivity | 93±3dB | 94±3dB | 95±3dB |
| Dimension (mm) | 304*227*125 | 520*227*125 | 736*227*125 |
| Installation | Indoor/Outdoor wall mount | | |
| Material | Aluminium alloy | | |
| Net Weight | 3.20kg | 5.00kg | 6.80kg |
| Speaker Driver | 6"×1 | 6"×2 | 6"×3 |
| Model | RH-CS708 | RH-CS710 | RH-CS712 |
| Rated Power | 40W/80W | 50W/100W | 60W/120W |
| Audio Input | 100V | 100V | 100V |
| Frequency Response | 140Hz-15KHz | 140Hz-15KHz | 140Hz-15KHz |
| Sensitivity | 96±3dB | 97±3dB | 98±3dB |
| Dimension (mm) | 952*227*125 | 1168*227*125 | 1384*227*125 |
| Installation | Indoor/Outdoor wall mount | | |
| Material | Aluminium alloy | | |
| Net Weight | 8.60kg | 10.50kg | 12.50kg |
| Speaker Driver | 6"×4 | 6"×5 | 6"×6 |

Full-Weather Column Speaker

RH-CS502/RH-CS504/RH-CS506/RH-CS508/RH-CS512



Specifications

| Model | RH-CS502 | RH-CS504 | RH-CS506 | RH-CS508 | RH-CS512 |
|----------------|---------------------------|---------------|---------------|---------------|-----------------|
| Rated Power | 10W/20W | 20W/40W | 30W/60W | 40W/80W | 60W/120W |
| Audio Input | 100V | 100V | 100V | 100V | 100V |
| Fre. Response | 80Hz-20KHz | 80Hz-20KHz | 80Hz-20KHz | 80Hz-20KHz | 80Hz-20KHz |
| Sensitivity | 91±3 dB | 92±3 dB | 93±3 dB | 94±3 dB | 95±3 dB |
| Dimension | 345*157*147mm | 480*157*147mm | 620*157*147mm | 770*157*147mm | 1045*157*147 mm |
| Installation | Indoor/Outdoor Wall mount | | | | |
| Material | Aluminium alloy | | | | |
| Net Weight | 3.4kg | 4.4kg | 5.4kg | 6.4kg | 7.4kg |
| Speaker Driver | 5**1+ 3**1 | 5**2+ 3**1 | 5**3+ 3**1 | 5**4+ 3**1 | 5**6+ 3**1 |

Full-Weather Column Speaker

RH-CS806/RH-CS812/RH-CS818/RH-CS824

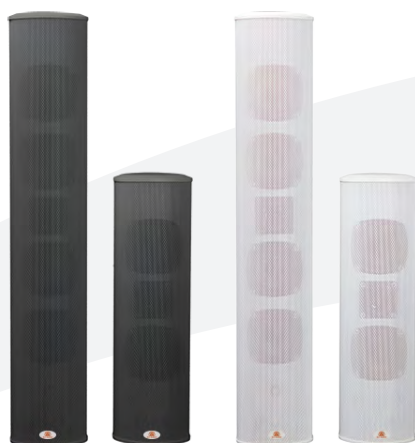


Specifications

| Model | RH-CS806 | RH-CS812 | RH-CS818 | RH-CS824 |
|--------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Rated Power | 30W/60W | 60W/120W | 90W/180W | 120W/240W |
| Audio Input | 100V | 100V | 100V | 100V |
| Frequency Response | 100Hz-15KHz | 100Hz-15KHz | 100Hz-15KHz | 100Hz-15KHz |
| Sensitivity | 105±3dB | 110±3dB | 115±3dB | 120±3dB |
| Dimension(mm) | 430*250*230 | 650*250*230 | 905*250*230 | 1305*250*230 |
| Installation | Indoor/Outdoor wall mount | | Indoor/Outdoor wall mount | |
| Material | Aluminium alloy | | Aluminium alloy | |
| Net Weight | 7.00kg | 9.00kg | 12.00kg | 15.00kg |
| Speaker Driver | Woofer 8**1+ Horn tweeter 1.5*1 | Woofer 8**2+ Horn tweeter 1.5*1 | Woofer 8**3+ Horn tweeter 1.5*1 | Woofer 8**4+ Horn tweeter 1.5*1 |

Full-Weather Column Speaker

RH-CS330TH/RH-CS360TH



Specifications

| Model | RH-CS330TH | RH-CS360TH |
|--------------------|------------------------------|-------------------------------|
| Rated Power | 100V- 5W/8W/15W/30W & 8Ω-30W | 100V- 8W/15W/30W/60W & 4Ω-60W |
| Audio Input | 100V | 100V |
| Frequency Response | 110-20KHZ | 110-20KHZ |
| Sensitivity | 87±3 dB | 88±3 dB |
| Dimension (mm) | 376*109*102mm | 606*109*102mm |
| Installation | Indoor/Outdoor wall mount | |
| Material | Aluminium alloy | |
| Net Weight | 3.0kg | 4.0kg |
| Speaker Driver | 3*×2 + 2*×1 | 3*×4 + 2*×1 |

Wall Mount Speaker

RH-MS55/RH-MS65



Specifications

| Model | RH-MS55 | RH-MS65 |
|--------------------|-----------------------------------|--------------------|
| Rated Power | 2.5W/5W/10W/20W | 3.75W/7.5W/15W/30W |
| Audio Input | 70V/100V/8Ω | 70V/100V/8Ω |
| Frequency Response | 80Hz~20KHz | 70Hz~20KHz |
| Sensitivity | 89±3dB | 91±3dB |
| Dimension | 110*155*235mm | 130*185*285mm |
| Installation | Wall mount with rotatable bracket | |
| Material | ABS enclosure,ABS bracket | |
| Finish | Black or white | |
| Net Weight | 2.60kg | 3.50kg |
| Speaker Driver | 5" *1+1" *1 | 6.5"*1+1"*1 |

Wall Mount Speaker

RH-MS15 Series



Specifications

| Model | RH-MS15/4A | RH-MS15/5A | RH-MS15/6A |
|--------------------|-----------------------------------|-----------------|---------------|
| Rated Power | 2.5/5/10/20W | 3.75/7.5/15/30W | 5/10/20/40W |
| Audio Input | 70V/100V/8Ω | 70V/100V/8Ω | 70V/100V/8Ω |
| Frequency Response | 100Hz-20KHz | 85Hz-20KHz | 70Hz-20KHz |
| Sensitivity | 87±3dB | 88±3dB | 89±3dB |
| Dimension | 215*170*150 mm | 242*182*162mm | 284*215*190mm |
| Installation | Wall mount with rotatable bracket | | |
| Material | ABS enclosure,metal bracket | | |
| Finish | Black or white | | |
| Net Weight | 2.20kg | 2.50kg | 3.50kg |
| Speaker Driver | 4" *1+1" *1 | 5" *1+1" *1 | 6" *1+1" *1 |

Wall Mount Speaker

RH-MS25 Series



Specifications

| Model | RH-MS25/5A | RH-MS25/6A | RH-MS25/8A |
|--------------------|-----------------------------------|---------------|---------------|
| Rated Power | 3.75/7.5/15/30W | 5/10/20/40W | 7.5/15/30/60W |
| Audio Input | 70V/100V/8Ω | 70V/100V/8Ω | 70V/100V/8Ω |
| Frequency Response | 90-20KHz | 90-20KHz | 40-20KHz |
| Sensitivity | 87±3dB | 88±3dB | 89±3dB |
| Dimension | 255*178*155mm | 310*213*195mm | 417*289*255mm |
| Installation | Wall mount with rotatable bracket | | |
| Material | ABS enclosure,metal bracket | | |
| Finish | Black or white | | |
| Net Weight | 3.10kg | 3.70kg | 6.60kg |
| Speaker Driver | 5"*1+1"*1 | 6"*1+1"*1 | 8"*1+1"*1 |

Waterproof Wall Mount Speaker

RH-MS720/RH-MS760 PP housing, aluminum grill



Specifications

| Model | RH-MS720 | RH-MS760 |
|--------------------|------------------------------------------|------------------------------------------|
| 100V input | 2.5W/5W/10W/20W | 7.5W/15W/30W/60W |
| 70V input | 1.25W/2.5W/5W/10W/20W | 3.75W/7.5W/15W/30W/60W |
| 8 Ohm input | 20W | 60W |
| Ip Rated | Ip66 waterproof | Ip66 waterproof |
| Sensitivity(1m/1W) | 87±3 dB | 94±3 dB |
| Frequency Response | 80Hz-20KHz | 60Hz-20KHz |
| Dimension(D*W*H) | 146*138*238 mm | 200*190*330 mm |
| Installation | Adjustable bracket | |
| Material | PP housing and bracket Aluminum grill | PP housing and bracket Aluminum grill |
| Woofer Driver | 4**1 (waterproof) | 6.5**1 (waterproof) |
| Tweeter Driver | 1**1 (waterproof) | 1.5**1 (waterproof) |
| Finish | White or Black | White or Black |
| Net Weight | 1.80 kg | 3.60 kg |

Waterproof Wall Mount Speaker

RH-MS820/RH-MS860



Specifications

| Model | RH-MS820 | RH-MS860 |
|--------------------|-----------------------------------|------------------|
| Rated Power | 2.5/5/10/20W | 7.5W/15W/30W/60W |
| Audio Input | 70V/100V/8Ω | 70V/100V/8Ω |
| Rrequency Response | 80Hz-20KHz | 70Hz-20KHz |
| Sensitivity | 89±3dB | 90±3dB |
| Dimension | 158*129*238mm | 214*178*329mm |
| Installation | Wall mount with rotatable bracket | |
| Material | ABS enclosure, metal bracket | |
| Finish | Black or white | |
| Net Weight | 2.40kg | 4.80kg |
| Speaker Driver | 4**1+1.5**1 | 6**1+1.5**1 |

Wall Mount Speaker

RH-MS35 Series



Specifications

| Model | RH-MS35/4A | RH-MS35/5A | RH-MS35/6A |
|--------------------|-----------------------------------|---------------|----------------|
| Rated Power | 4W/8W/15W/20W | 5W/8W/15W/30W | 5W/10W/20W/40W |
| Audio Input | 70V/100V/8Ω | 70V/100V/8Ω | 70V/100V/8Ω |
| Frequency Response | 95-20KHz | 80-20KHz | 65-20KHz |
| Sensitivity | 90dB | 90dB | 90dB |
| Dimension | 255*176*170mm | 280*194*185mm | 310*215*203mm |
| Installation | Wall mount with rotatable bracket | | |
| Material | ABS enclosure, metal bracket | | |
| Finish | Black or white | | |
| Net Weight | 2.8kg | 3.2kg | 4.3kg |
| Speaker Driver | 4**1+1**1 | 5**1+1**1 | 6**1+1**1 |

Wall Mount Speaker



RH-MS15



RH-MS04



RH-MS03

Descriptions

These 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).
- ※ Full ABS enclosure and front grille.
- ※ Easy and secure wall mount through the mounting hook.

Specifications

| Model | RH-MS15 | RH-MS04 | RH-MS03 |
|--------------------|----------------------------------|---------------|--------------|
| Rated Power | 5W/10W | 3W/6W | 1.5W/3W |
| Audio Input | 100V | 100V | 100V |
| Frequency Response | 150-15KHz | 150-15KHz | 250-10KHz |
| Sensitivity | 91±3dB | 91±3dB | 91±3dB |
| Dimension | 260*185*120mm | 161*161*100mm | 120*120*60mm |
| Installation | Wall mount through mounting hook | | |
| Material | ABS enclosure & grille | Full ABS | Full ABS |
| Finish | White | White | White |
| Net Weight | 1.30kg | 0.80kg | 0.40kg |
| Speaker Driver | 6.5"×1 | 4"×1 | 2.5"×1 |

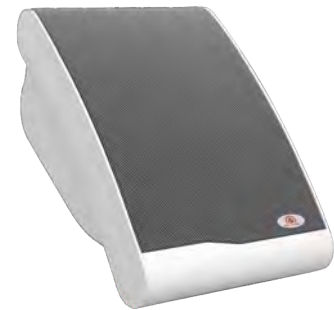
Wall Mount Speaker



RH-MS18



RH-MS19



RH-MS20

Descriptions

These 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).
- ※ ABS enclosure with metal grille.
- ※ Easy and secure wall mount through the mounting hook.

Specifications

| Model | RH-MS18 | RH-MS19 | RH-MS20 |
|--------------------|----------------------------------|-----------------------------|--------------|
| Rated Power | 5W/10W | 5W/10W | 3W/6W/10W |
| Audio Input | 100V | 100V | 100V |
| Frequency Response | 100-15KHz | 150-15KHz | 140-18KHz |
| Sensitivity | 92±3dB | 92±3dB | 92±3dB |
| Dimension | 275*182*120mm | 350*240*100mm | 280*110*80mm |
| Installation | Wall mount through mounting hook | | |
| Material | ABS enclosure, metal grille | ABS enclosure, metal grille | Full ABS |
| Finish | White enclosure, gray grille | White | White |
| Net Weight | 1.35kg | 1.70kg | 1.10kg |
| Speaker Driver | 6.5"×1 | 6.5"×1 | 6.5"×1+2"×1 |

Ceiling Speaker

RH-T13/RH-T13F/RH-T23



Dual-cone



Dual-cone
Moisture-proof



Dual-cone

Descriptions

These Ceiling Speakers can deliver incredible stereo sound to any room or commercial applications, from speakers you can barely see by being installed directly overhead, without having to sacrifice any wall, floor, or shelf space.

Built-in step-down transformer to simplify impedance calculations and to minimize power loss over the speaker cables, are most appropriate for high-voltage audio distribution systems.

Easy to install, requiring only that you cut a hole, feed the wires through, and simply drop the speaker by letting the spring clamps seize the ceiling with no extra assembly or mess.

These 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, coffee bars etc.

Specifications

| Model | RH-T13 | RH-T13F | RH-T23 |
|--------------------|----------------------------------------|-----------|-----------|
| Rated Power | 3W/6W | 3W/6W | 5W/10W |
| Audio Input | 100V | 100V | 100V |
| Frequency Response | 110-15KHz | 110-15KHz | 110-15KHz |
| Sensitivity | 90±3dB | 93±3dB | 93±3dB |
| Dimension | Φ200*67mm | Φ188*76mm | Φ228*90mm |
| Cutting Hole | Φ170mm | Φ170mm | Φ205mm |
| Installation | In-ceiling mounting with spring clamps | | |
| Grille | Iron | Aluminium | Iron |
| Finish | White | White | White |
| Net Weight | 0.70kg | 0.70kg | 1.00kg |
| Speaker Driver | 6**1 | 6**1 | 8**1 |

Ceiling Speaker

RH-T036/RH-T046/RH-T16/RH-TH105



Rimless



Rimless



Rimless



Rimless coaxial

Descriptions

These Ceiling Speakers can deliver incredible stereo sound to any room or commercial applications, from speakers you can barely see by being installed directly overhead, without having to sacrifice any wall, floor, or shelf space.

Built-in step-down transformer to simplify impedance calculations and to minimize power loss over the speaker cables, are most appropriate for high-voltage audio distribution systems.

Easy to install, requiring only that you cut a hole, feed the wires through, and simply drop the speaker by letting the spring clamps seize the ceiling with no extra assembly or mess.

These 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, coffee bars etc.

Specifications

| Model | RH-T036 | RH-T046 | RH-T16 | RH-TH105 |
|--------------------|----------------------------------------|------------|-----------|-----------|
| Rated Power | 3W/6W | 3W/6W | 3W/6W | 5W/10W |
| Audio Input | 100V | 100V | 100V | 100V |
| Frequency Response | 110-15KHz | 110-15KHz | 120-20KHz | 90-20KHz |
| Sensitivity | 90±3dB | 90±3dB | 87±3dB | 88±3dB |
| Dimension | Φ180*80mm | Φ180*190mm | Φ115*75mm | Φ188*76mm |
| Cutting Hole | Φ170mm | Φ170mm | Φ95mm | Φ170mm |
| Installation | In-ceiling mounting with spring clamps | | | |
| Material | ABS+metal | ABS+metal | ABS+metal | ABS+metal |
| Finish | White | White | White | White |
| Net Weight | 0.75kg | 1.00kg | 0.60kg | 0.70kg |
| Speaker Driver | 6**1 | 6**1 | 6**1 | 6**1+1**1 |

Ceiling Speaker

RH-TH906

Hi-fidelity class



Descriptions

This is a 2-way ceiling speaker with a high quality **6.5" Woven Cone** Woofer and a **1" Silk Dome tweeter** in a co-axial arrangement.

The Woven Cone with rubber surround is utilized for powerful middle and low frequency sound reproduction, while the 1" coaxially mounted silk dome tweeter round out the high sound pressure level.

The **sophisticated two-way crossover** works to deliver deep bass and exceptional top-end frequency response. Efficient and quick installation using improved swing-out dog legs and a frameless design. **Micro edge magnetic grills** provide for an unobtrusive appearance while allowing these speakers to fit beautifully in any interior design.

The premium performance capability ensures excellent sound character, providing pleasant sound throughout the listening area. perfectly suited for background music and speech reproduction in a wide range of environments, from retail, conference rooms and restaurants to hotels, office buildings, airports and home theaters etc.

Features

- ※ **Rimless design with magnetically-attached grille.**
- ※ **2-way coaxial sound system with professional crossover.**
- ※ **6.5" fiberglass woven cone woofer.**
- ※ **1" silk dome tweeter.**
- ※ 100V or 70V distributed speaker lines, or in 8 ohm direct mode.
- ※ Adjustable knob to select input mode and various power outputs:
Line 70V: 1.88W/3.75W/7.5W/15W/30W
Line 100V: 3.75W/7.5W/15W/30W
8Ω(Ohms): 30W

Specifications

| Model | RH-TH906 | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------|-------|
| Input Mode | 70V | 100V | 8Ω |
| Power Taps | 2=1.88W 3=3.75W 4=7.5W 5=15W 6=30W | 2=3.75W 3=7.5W 4=15W 5=30W 6=N.C. | 1=30W |
| ● DO NOT USE IN POSITION 1(8Ω) ON A 70V/100V SYSTEM, OR DAMAGE WILL OCCUR. ● DO NOT USE IN POSITION 6(N.C.) ON A 100V SYSTEM, OR DAMAGE WILL OCCUR. | | | |
| SPL(1W/1M) | 90 dB | | |
| Freq. Response | 70-20KHz | | |
| Woofer Driver | woven cone 6.5"×1 | | |
| Tweeter Driver | silk dome 1"×1 | | |
| Material | ABS enclosure, metal grille and clamps | | |
| Cutout Size | Φ205mm | | |
| Dimension | Φ235*101mm | | |

Ceiling Speaker

RH-TH804A/RH-TH805A/RH-TH806A/RH-TH808A



Descriptions & Features

The rimless speakes provide premium performance in background, foreground and music-plus-paging sound system.

These 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 conference rooms, coffee shops, restaurants, airports, hotels, home theaters etc.

- ※ **Rimless design with magnetically-attached grille.**
- ※ **2-way coaxial sound system with professional crossover.**
- ※ **Fiberglass woven cone woofer.**
- ※ **Silk dome tweeter.**
- ※ 100V operation with easy selection of power through a length of cable.

Specifications

| Model | RH-TH804A | RH-TH805A | RH-TH806A | RH-TH808A |
|-----------------|-----------------------------|--------------------|-----------------------|-------------------|
| Input Mode | 100V | 100V | 100V | 100V |
| Power Selection | 1.25W, 2.5W, 5W, 10W | 2.5W, 5W, 10W, 20W | 3.75W, 7.5W, 15W, 30W | 5W, 10W, 20W, 40W |
| SPL(1W/ 1M) | 85 dB | 86 dB | 88 dB | 89 dB |
| Freq. Response | 90-20KHz | 80-20KHz | 70-20KHz | 60-20KHz |
| Woofer Drive | woven cone 4"×1 | woven cone 5"×1 | woven cone 6"×1 | woven cone 8"×1 |
| Tweeter Driver | silk dome 1"×1 | silk dome 1"×1 | silk dome 1.5"×1 | silk dome 1.5"×1 |
| Material | ABS enclosure, metal grille | | | |
| Cutout Size | Φ150mm | Φ185mm | Φ205mm | Φ250mm |
| Dimension | Φ168*80mm | Φ198*85mm | Φ225*105mm | Φ273*110mm |
| Finish | White | White | White | White |

Ceiling Speaker

RH-TH51/RH-TH61/RH-TH81



Coaxial



Coaxial



Coaxial

Descriptions

These Coaxial Ceiling Speakers utilize powerful low woofer and high tweeter for achieving high-fidelity sound performance.

Built-in step-down transformer to simplify impedance calculations and to minimize power loss over the speaker cables, are most appropriate for high-voltage audio distribution systems.

And adopt high quality ABS material baffle with dog-ears for easy blind mount installations, plus the clear and high-fidelity performance, these speakers are ideal for a variety of settings ranging from restaurant and retail settings to professional offices and reception / waiting areas.

Specifications

| Model | RH-TH51 | RH-TH61 | RH-TH81 |
|--------------------|------------------------------|------------|------------|
| Rated Power | 10W/20W | 15W/30W | 20W/40W |
| Audio Input | 100V | 100V | 100V |
| Frequency Response | 100~20KHz | 90~20KHz | 60~20KHz |
| Sensitivity | 88±3dB | 90±3dB | 93±3dB |
| Dimension | Φ 203*80mm | Φ 230*90mm | Φ270*105mm |
| Cutting Hole | Φ 170mm | Φ200mm | Φ240mm |
| Installation | In-ceiling with dog-ear hook | | |
| Material | ABS enclosure, metal grille | | |
| Finish | White | White | White |
| Net Weight | 1.20kg | 1.60kg | 2.10kg |
| Speaker Driver | 5"*1+1"*1 | 6"*1+1"*1 | 8"*1+1"*1 |

Ceiling Speaker

RH-THS65/RH-THS66/RH-THS68



Coaxial



Coaxial



Coaxial

Descriptions

These Coaxial Ceiling Speakers utilize powerful low woofer and high tweeter with back cover for achieving high-fidelity sound performance.

Built-in step-down transformer to simplify impedance calculations and to minimize power loss over the speaker cables, are most appropriate for high-voltage audio distribution systems.

And adopt high quality ABS material baffle with dog-ears for easy blind mount installations, plus the clear and high-fidelity performance, these speakers are ideal for a variety of settings ranging from restaurant and retail settings to professional offices and reception / waiting areas.

Specifications

| Model | RH-THS65 | RH-THS66 | RH-THS68 |
|--------------------|------------------------------------------|-------------------|----------------|
| Rated Power | 2.5W/5W/10W/20W | 3.8W/7.5W/15W/30W | 5W/10W/20W/40W |
| Audio Input | 70V/100V/8Ω | 70V/100V/8Ω | 70V/100V/8Ω |
| Frequency Response | 100~20KHz | 90~20KHz | 80~20KHz |
| Sensitivity | 88±3dB | 89±3dB | 90±3dB |
| Dimension | Φ231*161mm | Φ240*155mm | Φ280*190mm |
| Cutting Hole | Φ180mm | Φ210mm | Φ250mm |
| Installation | In-ceiling with dog-ear hook | | |
| Material | ABS enclosure & back cover, metal grille | | |
| Finish | White | White | White |
| Net Weight | 1.50kg | 2.20kg | 2.80kg |
| Speaker Driver | 5"×1+1"×1 | 6"×1+1"×1 | 8"×1+1"×1 |

Ceiling Speaker

RH-T008



Descriptions

The Ceiling Speaker can deliver incredible stereo sound to any room or commercial applications, from speakers you can barely see by being installed directly overhead, without having to sacrifice any wall, floor, or shelf space. Built-in step-down transformer to simplify impedance calculations and to minimize power loss over the speaker cables, are most appropriate for high-voltage audio distribution systems.

Easy to install, requiring only that you cut a hole, feed the wires through, and simply drop the speaker by letting the spring clamps seize the ceiling with no extra assembly or mess.

The speaker is 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, coffee bars etc.

Specifications

| Model | RH-T008 |
|--------------------|----------------------------------------|
| Rated Power | 5W |
| Audio Input | 100V |
| Frequency Response | 120-20KHz |
| Sensitivity | 87±3dB |
| Dimension | Φ115*75mm |
| Cutting Hole | Φ95mm |
| Material | In-ceiling mounting with spring clamps |
| Material | Aluminium Alloy |
| Finish | White |
| Net Weight | 0.6kg |
| Speaker Driver | 3"×1 |

Ceiling Speaker

RH-TWF33



Descriptions

The Waterproof Ceiling Speaker can deliver incredible stereo sound to any room or commercial applications, from speakers you can barely see by being installed directly overhead, without having to sacrifice any wall, floor, or shelf space.

Built-in step-down transformer to simplify impedance calculations and to minimize power loss over the speaker cables, are most appropriate for high-voltage audio distribution systems.

Easy to install, requiring only that you cut a hole, feed the wires through, and simply drop the speaker by letting the spring clamps seize the ceiling with no extra assembly or mess.

The speaker is 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, coffee bars etc.

Specifications

| Model | RH-TWF33 |
|--------------------|------------------------------------------|
| Rated Power | 6W/3W |
| Audio Input | 100V |
| Frequency Response | 100~20KHz |
| Sensitivity | 87±3dB |
| Dimension | Φ140*122mm |
| Cutting Hole | Φ125mm |
| Installation | In-ceiling with dog-ear hook |
| Material | ABS enclosure & back cover, metal grille |
| Finish | White |
| Net Weight | 1.50kg |
| Speaker Driver | 4"×1 |

Ceiling Speaker

RH-TPF563C/RH-TPF663C/RH-TPF863C

Fireproof



Descriptions

The Fireproof Metal Ceiling Speaker can deliver incredible stereo sound to any room or commercial applications, from speakers you can barely see by being installed directly overhead, without having to sacrifice any wall, floor, or shelf space.

Easy to install, requiring only that you cut a hole, feed the wires through, and simply drop the speaker by letting the spring clamps seize the ceiling with no extra assembly or mess.

This speaker is 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, coffee bars etc.

Specifications

| Model | RH-TPF563C | RH-TPF663C | RH-TPF863C |
|----------------|----------------------------------|---------------|---------------|
| Rated Power | 1.5W/3W/6W | 1.5W/3W/6W | 1.5W/3W/6W |
| Audio Input | 70V/100V | 70V/100V | 70V/100V |
| Freq.Resp.(HZ) | 130Hz~15KHz | 120Hz~18KHz | 80~20KHz |
| Sensitivity | 92dB | 92dB | 90±3dB |
| Dimension | Φ180*133mm | Φ230*133mm | Φ270*133mm |
| Cutting Hole | Φ160mm | Φ204mm | Φ230mm |
| Material | Metal enclosure, grille, bracket | | |
| Finish | White | White | White |
| Net Weight | 1.3kg | 1.7kg | 2.80kg |
| Speaker Unit | 5" full range | 6" full range | 8" full range |

Low impedance 8Ω Ceiling Speaker

RH-TH804C/RH-TH805C/RH-TH806C/RH-TH808C



Descriptions & Features

These are low-impedance (8-ohm) operation ceiling speakers are designed for both commercial and domestic environments which require Low Impedance Operation Only, such as homes, offices, cafes and restaurants etc.

- ※ Rimless design with magnetically-attached grille.
- ※ 2-way coaxial sound system with professional crossover.
- ※ Fibreglass woven cone woofer.
- ※ Silk dome tweeter.
- ※ Low impedance operation only.

Specifications

| Model | RH-TH804C | RH-TH805C | RH-TH806C | RH-TH808C |
|----------------|------------------------------|-----------------|------------------|------------------|
| Input Mode | 8Ω | 8Ω | 8Ω | 8Ω |
| Rated Power | 10W | 20W | 30W | 40W |
| Peak Power | 20W | 40W | 60W | 80W |
| SPL(1W/ 1M) | 85 dB | 86 dB | 88 dB | 89 dB |
| Freq. Response | 90-20KHz | 80-20KHz | 70-20KHz | 60-20KHz |
| Woofer Drive | woven cone 4" 1 | woven cone 5" 1 | woven cone 6" 1 | woven cone 8" 1 |
| Tweeter Driver | silk dome 1" 1 | silk dome 1" 1 | silk dome 1.5" 1 | silk dome 1.5" 1 |
| Material | ABS enclosure , metal grille | | | |
| Cutout Size | Φ168mm | Φ185mm | Φ205mm | Φ252mm |
| Dimension | Φ168*80mm | Φ198*85mm | Φ225*105mm | Φ273*110mm |
| Finish | White | White | White | White |

Low impedance Marine Ceiling Speaker

RH-TWF34/RH-TWF35/RH-TWF36



Descriptions

The RH-AUDIO Waterproof In-ceiling Speaker Series has a weatherproof design that makes it ideal for indoor or outdoor use.

These water-resistant ceiling speakers are specially made for damp environments and sound excellent so you can enjoy your music indoors & outdoors.

Can be used in bathrooms, outside under the porch and on ships etc.

Sleek, modern and attractive appearance with protection grille.

2-way coaxial system.

Waterproof featured Ip55.

8 Ohm impedance available for use with a variety of sound systems.

Three sizes are available.

4 Ohm optional.

Specifications

| Model | RH-TWF34 | RH-TWF35 | RH-TWF36 |
|--------------------|-------------|------------|------------|
| Rated Power | 20W | 25W | 30W |
| Peak Power | 40W | 50W | 60W |
| Audio Input | 8 ohm | 8 ohm | 8 ohm |
| Frequency Response | 155Hz-20KHz | 95Hz-20KHz | 85Hz-20KHz |
| Sensitivity(1w,1n) | 88±3dB | 90±3dB | 90±3dB |
| Hole for mounting | Φ105mm | Φ122mm | Φ147mm |
| Dimension | Φ141*70mm | Φ165*75mm | Φ190*90mm |
| Finished | White | White | White |
| Material | ABS | ABS | ABS |
| Speaker Unit | 4" 1+1" 1 | 5" 1+1" 1 | 6" 1+1" 1 |
| Net Weight | 0.5kg | 0.7kg | 0.8kg |

Full-Weather Horn Speaker

RH-HS34/RH-HS43/RH-HS15



Descriptions

The PA Horn Speakers are made of 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-HS15 |
|--------------------|-----------------------------|----------------|-----------------|
| Rated Power | 7.5W/15W | 15W/30W | 7.5W/15W |
| Audio Input | 100V | 100V | 100V |
| Frequency Response | 400Hz-5KHz | 400Hz-6KHz | 380Hz-6.5KHz |
| Sensitivity | 105±3dB | 108±3dB | 110±3dB |
| Dimension | 222*162*232 mm | 285*205*280 mm | Φ200*230mm |
| Installation | Adjustable mounting bracket | | |
| Material | ABS | ABS | Aluminium alloy |
| Net Weight | 1.40kg | 2.00kg | 2.30kg |

Full-Weather Horn Speaker

RH-HS30/RH-HS50/RH-HS100



Descriptions

These PA Horn Speakers are made of robust, virtually indestructible materials offering maximum protection against shock and weather and making them ideal for mounting in extreme conditions with IP65 level.

Suitable on vehicles, boats or in exposed outdoor installation.

Specifications

| Model | RH-HS30 | RH-HS50 | RH-HS100 |
|--------------------|-----------------------------|------------|------------|
| Rated Power | 15W/30W | 25W/50W | 50W/100W |
| Audio Input | 100V | 100V | 100V |
| Frequency Response | 100Hz-10KHz | 90Hz-20KHz | 60Hz-18KHz |
| Sensitivity | 97±3dB | 99±3dB | 102±3dB |
| Dimension | 246*292mm | 325*350mm | 504*370mm |
| Installation | Adjustable mounting bracket | | |
| Material | Aluminium alloy | | |
| Net Weight | 2.08kg | 2.30kg | 5.10kg |

Full-Weather Horn Speaker

RH-HS45/RH-HS48



Descriptions

The PA Horn Speakers are made of 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 mount-mounting bracket.

Specifications

| Model | RH-HS45 | RH-HS48 |
|--------------------|-----------------------------|----------------|
| Rated Power | 15W/30W | 25W/50W |
| Audio Input | 100V | 100V |
| Frequency Response | 100Hz-10KHz | 90Hz-20KHz |
| Sensitivity | 97 ± 3dB | 99 ± 3dB |
| Dimension | 366*165*272 mm | 362*252*310 mm |
| Installation | Adjustable mounting bracket | |
| Material | ABS | ABS |
| Net Weight | 3.00kg | 3.90kg |

Full-Weather Horn Speaker

RH-HS200/RH-HS300



Descriptions

These high power speakers are made from robust, virtually indestructible enclosure of synthetic resin and alloy metal brackets offering maximum protection against shock and weather making them ideal for mounting in extreme conditions.

These unique speakers is designed to provide clear, sharply-focused audio reproduction by utilizing a special two-way system, its 12-inch long-throw 190 magnetic 100-core woofer is utilized for powerful middle and low frequency sound reproduction, while the 120 magnetic 44-core titanium tweeter rounds out the high sound pressure level.

With IP65 rated, suitable for applications on vehicles, in schools, in stadiums or in any other exposed outdoor installations.

Fitted with a sturdy mounting bracket.

Specifications

| Model | RH-HS200 | RH-HS300 |
|--------------------|-----------------------------|---------------|
| Rated Power | 200W | 300W |
| Audio Input | 100V | 100V |
| Frequency Response | 60Hz-18KHz | 50Hz-18KHz |
| Sensitivity | 102 ± 3dB | 105 ± 3dB |
| Dimension | 490*490*700mm | 580*580*800mm |
| Installation | Adjustable mounting bracket | |
| Material | Resin | Resin |
| Net Weight | 29.00kg | 45.00kg |

Full-Weather Projection Speaker

RH-CH06/RH-CH07

(Uni-directional)



Descriptions

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-CH06 | RH-CH07 |
|----------------|------------------------------------------------|-----------------|
| Rated Power | 2.5W/5W/10W | 5W/10W/20W |
| Audio Input | 100V | 100V |
| Fre. Response | 110Hz-15KHz | 120Hz-15KHz |
| Sensitivity | 92±3dB | 92±3dB |
| Dimension | Φ 138*205mm | Φ 170*245mm |
| Installation | ABS enclosure, aluminum alloy grille & bracket | |
| Material | ABS | Aluminium alloy |
| Net Weight | 1.80kg | 2.70kg |
| Speaker Driver | 5"×1 | 6"×1 |

Full-Weather Projection Speaker

RH-CH30/RH-CH31

(Uni-directional)



Descriptions

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-CH30 | RH-CH31 |
|----------------|--------------------|--------------------|
| Rated Power | 2.5W/5W/10W | 5W/10W/20W |
| Audio Input | 100V | 100V |
| Fre. Response | 110Hz-15KHz | 120Hz-15KHz |
| Sensitivity | 92±3dB | 92±3dB |
| Dimension | Φ 138*205mm | Φ 170*252mm |
| Installation | Adjustable bracket | Adjustable bracket |
| Material | Aluminium alloy | Aluminium alloy |
| Net Weight | 1.80kg | 2.70kg |
| Speaker Driver | 5"×1 | 6"×1 |

Full-Weather Projection Speaker

RH-CH205/RH-CH210

(Bi-directional)



Descriptions

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-CH205 | RH-CH210 |
|----------------|--------------------|--------------------|
| Rated Power | 2.5W/5W/10W | 5W/10W/20W |
| Audio Input | 100V | 100V |
| Fre. Response | 110Hz-15KHz | 120Hz-15KHz |
| Sensitivity | 92±3dB | 92±3dB |
| Dimension | Φ 138*205mm | Φ 170*252mm |
| Installation | Adjustable bracket | Adjustable bracket |
| Material | Aluminium alloy | Aluminium alloy |
| Net Weight | 1.80kg | 2.70kg |
| Speaker Driver | 5"×2 | 6"×2 |

Full-Weather Pendant Speaker

RH-SL01/RH-SL02



Descriptions

The Pendant 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-SL01 | RH-SL02 |
|----------------|-----------------|-----------------|
| Rated Power | 2.5W/5W/10W | 5W/10W/20W |
| Audio Input | 100V | 100V |
| Fre. Response | 130Hz-15KHz | 110Hz-15KHz |
| Sensitivity | 91±3dB | 92±3dB |
| Dimension | Φ138mm | Φ170mm |
| Installation | Suspended | Suspended |
| Material | Aluminium alloy | Aluminium alloy |
| Net Weight | 2.20kg | 2.60kg |
| Speaker Driver | 5" *1 | 6" *1 |

Full-Weather Pendant Speaker

RH-SL08/RH-SL09



Descriptions

The Pendant 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-SL08 | RH-SL09 |
|----------------|-------------|-------------|
| Rated Power | 2.5W/5W/10W | 5W/10W/20W |
| Audio Input | 100V | 100V |
| Fre. Response | 110Hz-15KHz | 130Hz-15KHz |
| Sensitivity | 92±3dB | 91±3dB |
| Dimension | Φ138mm | Φ170mm |
| Installation | Suspended | Suspended |
| Material | ABS | ABS |
| Net Weight | 2.20kg | 2.60kg |
| Speaker Driver | 5" *1 | 6" *1 |

Full-Weather Pendant Speaker

RH-SL16/RH-SL18



Descriptions

The Pendant 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.

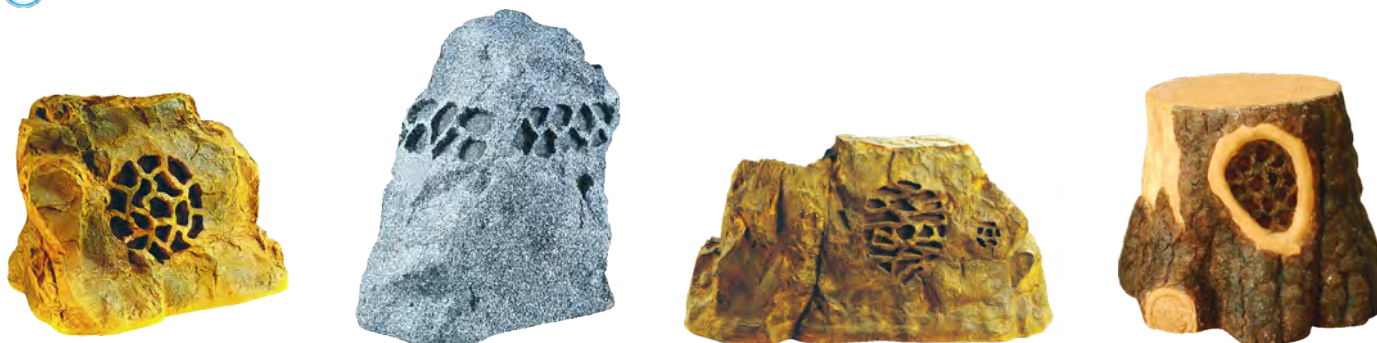
Installation requires a single fixing with connection concealed within the ceiling rose provided.

Specifications

| Model | RH-SL16 | RH-SL18 |
|----------------|-------------|-------------|
| Rated Power | 2.5W/5W/10W | 2.5W/5W/10W |
| Audio Input | 100V | 100V |
| Fre. Response | 150Hz-15KHz | 150Hz-15KHz |
| Sensitivity | 92±3dB | 92±3dB |
| Dimension | Φ180mm | Φ180mm |
| Installation | Suspended | Suspended |
| Material | ABS | ABS |
| Net Weight | 1.00kg | 2.45kg |
| Speaker Driver | 5" *1 | 5" *1 |

Full-Weather Garden Speaker

RH-S61/RH-S65/RH-S83/RH-KT31



Descriptions

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-S61 | RH-S65 | RH-S83 | RH-KT31 |
|----------------|-------------------------------|---------------|-------------------------------|-------------|
| Rated Power | 10W/20W | 15W/30W | 25W/50W | 10W/20W |
| Audio Input | 100V | 100V | 100V | 100V |
| Fre. Response | 100Hz-15KHz | 80Hz-15KHz | 80Hz-15KHz | 150Hz-15KHz |
| Sensitivity | 95±3dB | 95±3dB | 95±3dB | 91±3dB |
| Dimension | 320*270*270 mm | 465*295*475mm | 700*400*335mm | Φ380*450mm |
| Installation | Screwed | | Screwed | |
| Material | Fibreglass reinforced plastic | | Fibreglass reinforced plastic | |
| Net Weight | 3.8kg±0.3kg | 7.8kg±0.8kg | 10.5±0.5kg | 5.5kg±0.5kg |
| Speaker Driver | 5.5" *1 | 5.5" *1 | 8" *1 | 5.5" *1 |

Full-Weather Garden Speaker

RH-KT27R/RH-KT66/RH-KT26/RH-ST12



Descriptions

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.

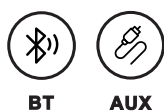
The enclosure is constructed of all weather resistant with material of fibreglass reinforced plastic (FRP), to ensure performance and maintain a good appearance for years to come, in even the most temperamental and unpredictable climates with IP 65 rating.

Specifications

| Model | RH-KT27R | RH-KT66 | RH-KT26 | RH-ST12 |
|----------------|-------------------------------|------------|-------------------------------|-------------|
| Rated Power | 10W/20W | 15W/30W | 10W/20W | 10W/20W |
| Audio Input | 100V | 100V | 100V | 100V |
| Fre. Response | 150Hz-15KHz | 80Hz-15KHz | 130Hz-15KHz | 150Hz-15KHz |
| Sensitivity | 91±3dB | 93±3dB | 91±3dB | 91±3dB |
| Dimension | Φ370*395 | Φ335*380mm | 330*325*485 | 265*265*765 |
| Installation | Screwed | | Screwed | |
| Material | Fibreglass reinforced plastic | | Fibreglass reinforced plastic | |
| Net Weight | 4.2kg±0.5kg | 6.5±0.5kg | 6.5±0.5kg | 6.5±0.5kg |
| Speaker Driver | 3.5" *2 | 6.5" *1 | 5.5" *1 | 4" *1 |

Active Speaker Series





1CH Master Active Speaker



2CH Master Active Speaker



4CH Master Active Speaker

Descriptions & Features

The RH-AUDIO Bluetooth Active Ceiling Speakers are designed with digital Class D amplifier, and built-in Bluetooth receiver. It is an ideal economy choice for industrial and commercial applications in hotels, shops, home rooms and where background music is needed.

✧ Built-in digital Class D amplifier with three options:

Model RH31BL: built-in 1CH amplifier 1*10W

Model RH32BL: built-in 2CH amplifier 2*10W

Model RH34BL: built-in 4CH amplifier 4*10W

✧ Built-in Bluetooth for wireless music streaming – works with almost all Bluetooth devices (iphones, Androids, smart phones, ipads, tablets, etc).

✧ Support for Bluetooth protocols: HFPV1.5, A2DPV1.2, AVRCPV1.4, HSP1.2, GAVDP1.2, IOP

✧ Power supply with AC adapter.

✧ Full-range 6" dual-cone dynamic speaker driver.

✧ Frame-mounted spring-loaded clamps provide secure, low-noise connections and easy installation.

✧ Attractive color ABS resin finish with white grille suits any decor.



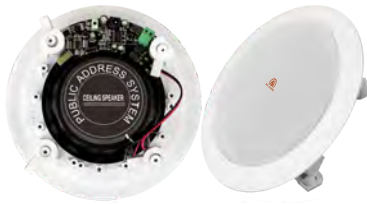
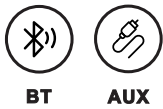
Slave Passive Speaker

Specifications

| Model | RH31BL | RH32BL | RH34BL |
|--------------------|---------------------------------|---------------------------------|---------------------------------|
| Rated Power | 1*10W@8Ω | 2*10W@8Ω | 4*10W@8Ω |
| Amplifier Channel | 1 Channel | 2 Channel | 4 Channel |
| Amplifier Type | Digital Class D | Digital Class D | Digital Class D |
| Frequency Response | 120Hz-15KHz(±3dB) | 120Hz-15KHz(±3dB) | 120Hz-15KHz(±3dB) |
| THD | <0.05% at 1kHz, 1/3 rated power | <0.05% at 1kHz, 1/3 rated power | <0.05% at 1kHz, 1/3 rated power |
| S/N | >70 dB | >70 dB | >70 dB |
| Speaker Driver | 6"×1 | 6"×1 | 6"×1 |
| Power Consumption | 15W | 30W | 50W |
| Installation | In-ceiling | In-ceiling | In-ceiling |
| Material | ABS enclosure, metal clamps | ABS enclosure, metal clamps | ABS enclosure, metal clamps |
| Power Supply | DC5V / 1A | DC12V / 1.5A | DC12V / 3A |
| Dimension | Φ188*76mm | Φ188*76mm | Φ188*76mm |
| Cutting Hole | Φ170mm | Φ170mm | Φ170mm |
| Net Weight | 0.95kg (1) | 1.95kg (1+1) | 3.95kg (1+3) |

2CH Bluetooth Active Coaxial Ceiling Speaker

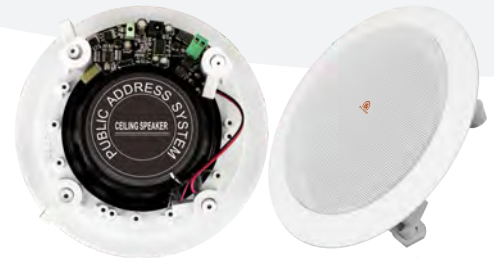
RH622BL/RH623BL/RH624BL



RH622BL (5")



RH623BL (6")



RH624BL (8")

Descriptions & Features

The RH-AUDIO Bluetooth Active Coaxial Ceiling Speakers are designed with digital Class D amplifier, and built-in Bluetooth receiver. The long-throw polypropylene cone woofer with rubber surround is utilized for powerful middle and low frequency sound reproduction, while the 1" coaxially mounted silk dome tweeter round out the high sound pressure level.

It is an ideal choice for industrial and commercial applications in hotels, shops, home rooms and where background music is needed.

✧ Built-in digital Class D amplifier with three options:

Model RH622BL: built-in amplifier 2*20W

Model RH623BL: built-in amplifier 2*30W

Model RH624BL: built-in amplifier 2*40W

✧ Built-in Bluetooth for wireless music streaming – works with almost all Bluetooth devices (iphones, Androids, smart phones, ipads, tablets, etc).

✧ Support for Bluetooth protocols: HFPV1.5, A2DPV1.2, AVRCPV1.4, HSP1.2, GAVDP1.2, IOP

✧ Power supply with AC adapter.

✧ Coaxial speaker driver system with separate woofer and tweeter.

✧ Dog-ear hooks provide secure, low-noise connections and easy installation.

✧ Attractive color ABS resin finish with white grille suits any decor.



Slave Passive Speaker

Specifications

| Model | RH622BL | RH623BL | RH624BL |
|--------------------|---------------------------------|---------------------------------|---------------------------------|
| Rated Power | 2*20W@8Ω | 2*30W@8Ω | 2*40W@8Ω |
| Amplifier Channel | 2 Channel | 2 Channel | 2 Channel |
| Amplifier Type | Digital Class D | Digital Class D | Digital Class D |
| Frequency Response | 90Hz-20KHz(±3dB) | 80Hz-120KHz(±3dB) | 70Hz-20KHz(±3dB) |
| THD | <0.05% at 1kHz, 1/3 rated power | <0.05% at 1kHz, 1/3 rated power | <0.05% at 1kHz, 1/3 rated power |
| S/N | >78 dB | >80 dB | >82 dB |
| Speaker Driver | 5"1+1"1 | 6"1+1"1 | 8"1+1"1 |
| Power Consumption | 30W | 40W | 50W |
| Installation | In-ceiling | In-ceiling | In-ceiling |
| Material | ABS enclosure, metal clamps | ABS enclosure, metal clamps | ABS enclosure, metal clamps |
| Power Supply | DC24V / 2A | DC24V / 2A | DC24V / 2A |
| Dimension | Φ203*80mm | Φ230*90mm | Φ270*105mm |
| Cutting Hole | Φ170mm | Φ200mm | Φ240mm |
| Net Weight | 1.25kg (master) | 1.60kg (master) | 2.30kg (master) |



Features

- ※ Solution of stereo wireless Bluetooth transmission, the adoption of BK8000L BEKEN chip module with high-quality sound quality
- ※ AC110V~AC220V power supply with adapter
- ※ Transmission distance 10 meters
- ※ Digital Class D amplifier
- ※ Woofer 5.25", tweeter 1.5"
- ※ One line input, one MIC input, one 100v input.

Specifications

| Model | RH609BL |
|---------------------------|------------------------------------------------|
| Rated Power | 2x30W@8Ω |
| Input Sensitivity | 0.5V |
| Output Frequency Response | 60Hz-18KHz/1W, ±0.5dB |
| Harmonic Distortion | 20Hz-20KHz/1W, 0.05% |
| Protocols | HFPV1.5, A2DPV1.2, AVRCPV1.4, HSP1.2, GAVDP1.2 |
| Damping Coefficient | >200@8Ω/400Hz |
| S/N | >95dB |
| Indicator | power, BT, channel |
| Protection | overload, high temperature |
| Input Terminal | RCA, 6.5mm, Phoenix |
| Power In | AC110V-240V/50Hz-60Hz |
| Dimension | 170×185×250mm |
| N.W | 4.7Kg (1SET) |

TWS Wireless Stereo Bluetooth Active Wall Speaker

RH-83TWSW



Descriptions & Features

This speaker uses the TWS TECHNOLOGY: True wireless stereo technology supports two speakers play music synchronously through a V5.0 Bluetooth connection, form left and right channel letting you enjoy true stereo sound quality without the use of cables or wires.

You pair a primary TWS Bluetooth speaker to your smartphone, tablet, or computer etc.

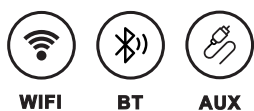
Take a second TWS Bluetooth speaker of the same model and pair it with the primary one.

You can begin to play your music to get a definitive stereo sound experience.

- ✧ Truly wireless stereo without cable
- ✧ V5.0 Bluetooth connection
- ✧ Built-in digital Class D amplifier
- ✧ Support for Bluetooth protocols:
- ✧ A2DP v1.3, AVRCP v1.6, HFP v1.7, HID v1.1, AVCTP v1.4, AVDTP v1.3, and SPP v1.2
- ✧ DC12V power supply with AC adapter.
- ✧ 2 way coaxial speaker driver system with separate woofer and tweeter.
- ✧ Attractive color ABS resin finish with white or black grille suits any decor.

Specifications

| Model | RH-83TWSW |
|--------------------------|------------------------------------------------|
| Output power | 30W |
| Bluetooth wireless range | ≤ 10M |
| Amplifier Type | Digital Class D |
| Frequency Response | 50Hz-20KHz |
| Wireless solution | True wireless stereo technology,Bluetooth V5.0 |
| S/N | ≥95 dB |
| Speaker Driver | 6.5"*1+1"*1 |
| Power Consumption | 50W |
| Input sensitivity | 700MV |
| Material | ABS enclosure,metal grille and bracket |
| Power Supply | AC100V-240V/50Hz/60Hz |
| Power supply | DC12V 3A |
| Dimension | 130*185*285mm |
| Net Weight | 3.50kg |



2CH Master Active Speaker



4CH Master Active Speaker

Descriptions & Features

The RH-AUDIO WiFi Speakers are designed with digital Class D amplifier, and built-in WiFi receiver supporting WiFi connection via App LEGACY:

We can enjoy online music or online internet radio including Tunein, Spotify, Tidal etc.,

We can easily manage all the speakers in different zones/rooms.



Legacy Player

Dedicated App Control



✘ Built-in digital Class D amplifier with two options:

Model RH62WF: built-in 2CH amplifier 2*30W

Model RH64WF: built-in 4CH amplifier 4*30W

✘ One RJ45 port available for the point where the WiFi signal is weaker.

✘ One LINE input for local audio source.

✘ 2-way coaxial system containing one 6" woofer and one 1" tweeter.

✘ Power supply with AC adapter.

✘ Flush-mount dog ears installation.



Slave Passive Speaker

Specifications

| Model | RH62WF | RH64WF |
|--------------------|---------------------------------|---------------------------------|
| Rated Power | 2*30W@8Ω | 4*30W@8Ω |
| Amplifier Channel | 2 Channel | 4 Channel |
| Amplifier Type | Digital Class D | Digital Class D |
| Frequency Response | 80Hz-20KHz(±3dB) | 80Hz-20KHz(±3dB) |
| THD | <0.05% at 1kHz, 1/3 rated power | <0.05% at 1kHz, 1/3 rated power |
| S/N | > 70 dB | > 70 dB |
| Speaker Driver | Woofer 6"*1 + tweeter 1"*1 | Woofer 6"*1 + tweeter 1"*1 |
| Power Consumption | 50W | 100W |
| Installation | In-ceiling | In-ceiling |
| Material | ABS enclosure, metal grille | ABS enclosure, metal grille |
| Power Supply | DC24V / 5A | DC24V / 5A |
| Dimension | Φ230*155mm | Φ230*155mm |
| Cutting Hole | Φ200mm | Φ200mm |
| Net Weight | 3.20kg (1+1) | 5.80kg (1+3) |

WiFi Active Ceiling Speaker

RH61WF



WIFI



BT



AUX



Legacy Player

Dedicated App Control



Descriptions & Features

This all-in-one ceiling speaker system is designed with digital Class D amplifier, and built-in WiFi receiver supporting WiFi connection via dedicated App: We can enjoy online music or online internet radio including Tunein, Spotify, Tidal etc., can easily manage all the speakers in different zones/rooms.

This active speaker is a new rimless design with magnetically-attached grille. 2 way coaxial sound system with the 6.5" woofer helps to reduce distortion for improved clarity. 1" silk dome tweeter improves sound dispersion by directing crisp, clear, and accurate higher frequency sounds to fit any room. A high-grade crossover utilizes oxygen-free copper inductors, high watt ceramic resistors, and high quality capacitors. The speaker includes a reveal magnetic rimless grille, which attaches easily and covers the lip. Once installed, no part of the speaker shows except for the grill, having the speaker virtually disappear into the installation environment.

Ideal for use in your living room, bedroom, hotel room, entertainment area, office, workspace, show room, restaurant etc.



- ✧ Built-in digital Class-D amplifier 30W.
- ✧ Built-in WiFi wireless music streaming receiver.
- ✧ Built-in Bluetooth wireless music streaming receiver.
- ✧ DC 24V power supply with AC adapter.
- ✧ 2-way coaxial sound system with professional crossover.
- ✧ 6.5" fiberglass woven cone woofer.
- ✧ 1" silk dome tweeter.
- ✧ Flush-mount dog ears installation.
- ✧ New rimless design with magnetically-attached grille.

Specifications

| Model | RH61WF |
|----------------|---------------------------------|
| Rated Power | 30W @ 8Ω |
| Power Supply | DC24V/2A |
| Amplifier | Class-D |
| SPL(1W/1M) | 90 dB |
| Freq. Response | 70-20KHz |
| THD | <0.05% at 1kHz, 1/3 rated power |
| S/N | >70 dB |
| Woofer Driver | woven cone 6.5"×1 |
| Tweeter Driver | silk dome 1"×1 |
| Material | ABS enclosure, metal grille |
| Dimension | Φ235*101mm |
| Cutout Size | Φ205mm |
| Net Weight | 1.6kg |

Wifi Active Wall Speaker

RH71WF



WIFI



BT



Legacy Player

Dedicated App Control



Descriptions & Features

This all-in-one wall speaker system is designed with digital Class D amplifier, and built-in WiFi receiver supporting WiFi connection via dedicated App: We can enjoy online music or online internet radio including Tunein, Spotify, Tidal etc., We can easily manage all the speakers in different zones/rooms.

This active speaker is designed with 6.5" woofer and "tweeter, the woofer is constructed from polypropylene and has a rubber surround, the directional tweeter has a ferrofluid cooled silk dome.

Ideal for use in your living room, bedroom, hotel room, entertainment area, office, workspace, show room, restaurant etc.



- ✧ Built-in digital Class D amplifier 30W.
- ✧ Built-in WiFi wireless music streaming receiver.
- ✧ Built-in Bluetooth wireless music streaming receiver.
- ✧ One 6.5" PP woofer and one 1" silk dome tweeter.
- ✧ DC 24V power supply with AC adapter.
- ✧ Adjustable bracket installation.

Specifications

| Model | RH71WF |
|----------------|-----------------------------------------|
| Rated Power | 30W @ 8Ω |
| Max. Power | 60W |
| Amplifier | Class-D |
| SPL(1W/1M) | 88 dB |
| Freq. Response | 80-20KHz |
| THD | <0.05% at 1kHz, 1/3 rated power |
| S/N | >70 dB |
| Woofer Driver | PP cone 6.5"×1 |
| Tweeter Driver | silk dome 1"×1 |
| Material | ABS enclosure and bracket, alloy grille |
| Dimension | 285*185*130mm |
| Net Weight | 2.6kg |



Active Speakers for CCTV camera

 IP65



RH-HJ22AC

Waterproof Active Horn Speaker

Power Supply: DC12V
 Rated Power: 20W
 Max. Power: 30W
 Frequency Response: 400Hz-5KHz
 Sensitivity(1w,1n): 105±3Db
 Material: ABS enclosure, alloy bracket
 Size: 222*162*232mm
 Finish: white

 IP65



RH-HJ23AC

Waterproof Active Horn Speaker

Power Supply: DC12V
 Rated Power: 30W
 Max. Power: 40W
 Frequency Response: 400Hz-5KHz
 Sensitivity(1w,1n): 105±3Db
 Material: ABS enclosure, alloy bracket
 Size: 285*205*285mm
 Finish: white

 IP65



RH-HJ30AC

Waterproof Active Horn Speaker

Power Supply: DC12V
 Rated Power: 10W
 Max. Power: 15W
 Frequency Response: 400Hz-5KHz
 Sensitivity(1w,1n): 105±3Db
 Material: ABS enclosure, alloy bracket
 Size: φ102*110*102
 Finish: black

 IP65



RH-CS420ACW

Waterproof Active Column Speaker

Power Supply: DC12V
 Rated Power: 20W
 Max. Power: 30W
 Speaker Driver: 4"*1+2"*1
 Frequency Response: 100Hz-15KHz
 Sensitivity(1w,1n): 88±3Db
 Material: alloy enclosure and bracket
 Size: 150*120*305mm
 Finish: white



RH-WS18AC

Active Wall Speaker

Power Supply: DC12V
 Rated Power: 15W
 Max. Power: 20W
 Speaker Driver: 6.5"*1+1"*1
 Frequency Response: 110Hz-16KHz
 Sensitivity(1w,1n): 91±3Db
 Material: ABS enclosure, metal grille
 Size: 270*200*96mm
 Finish: white enclosure, grey grille



RH-WS06AC

Active Wall Speaker

Power Supply: DC12V
 Rated Power: 6W
 Max. Power: 10W
 Speaker Driver: 4"*1
 Frequency Response: 110Hz-16KHz
 Sensitivity(1w,1n): 91±3Db
 Material: ABS
 Size: 180*140*70mm
 Finish: white

Multi-zone Public Address System

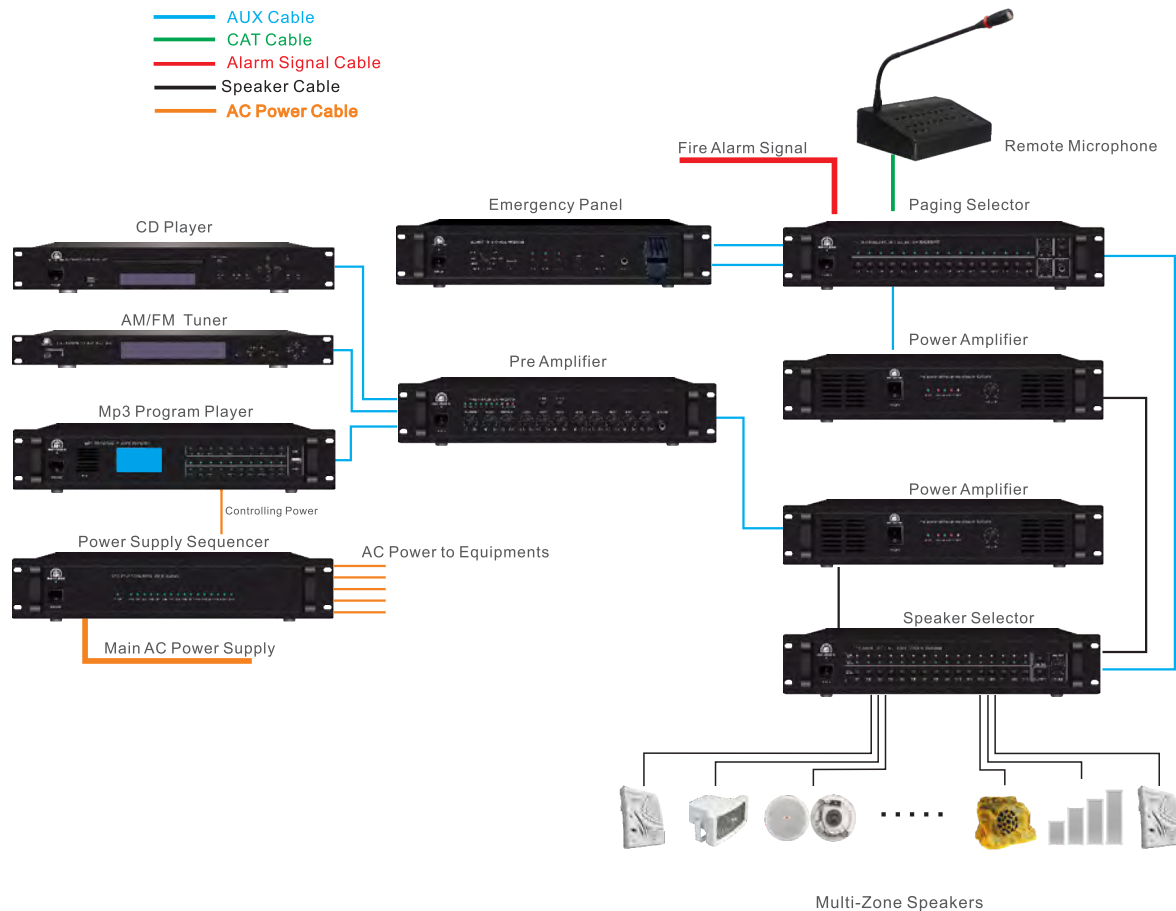
Background Music System

Voice Announcement System

Emergency Broadcasting System

Weekly Schedule Broadcasting System





The multi-zone pa sound system mainly include background music,remote paging system, voice evacuation system.

Applicable for offices,hospitals,schools,shopping malls,commercial buildings etc.

※**Background Music:** CD/MP3/FM/AM audio source are available.

※**Remote Paging Microphone:**The remote paging microphone uses CAT6 cable connection, communication distance up to 1kms.The spokesman can speech to individual zone, combined 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 schedules pre-set via RH2805M. And the background music or pre-recorded voice can be played/stopped according to the scheduled timings pre-set.

16-Zone Remote Paging Microphone

RH2816RT



Specifications

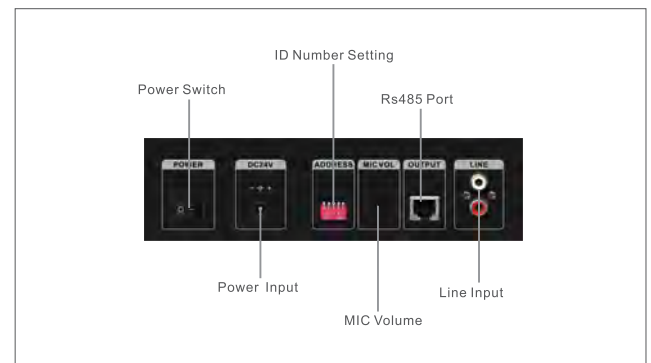
| Model | RH2816RT |
|--------------------|-----------------------------------------------------------|
| MIC. Input | MIC:600 ohms(Ω)5mV,unbalanced |
| Line Input | LINE:10K ohms(Ω)0.775V(0dB),unbalanced |
| Line Output | LINE:10K ohms(Ω)0.775V(0dB),unbalanced |
| Frequency Response | MIC:100Hz~10KHz(± 3 dB) LINE:20Hz~15KHz(± 3 dB) |
| THD | <0.01% at 1kHz |
| S/N | >70dB |
| Zones Controlled | RH2810R "1~10", RH2816RT "1~16" |
| Manual Operation | Can select any zone manually |
| Power Cable | (2 \times 0.5 mm ²) \times 1.5m |
| Power Supply | AC220V \pm 10% with adapter |
| Power Consumption | 5~10W |
| Dimension | 78(H) \times 205(W) \times 178(D)mm |
| Packing Size | 176(H) \times 330(W) \times 270(D)mm |
| N.W | 1.84kg |
| G.W | 2.88kg |

Descriptions & Features

The 16-Zone Remote Paging Microphone works together with the 16 Zone(RH2816PT) 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.

- ※ Paging modes:individual zone,combined zones and all zones.
- ※ RH2816RT works with page selector RH2816PT.
- ※ Connected by CAT cable with distance up to 1kms.
- ※ Built-in chime,with mute function.
- ※ With one line input for connecting additional audio source.

Rear Panel



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(± 3 dB) |
| 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 \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. | 6.32kg |

Descriptions & 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 6.35 MIC input jack,four remote MIC inputs, one line input, and one EMC input.
- ※ 25-pin computer activation bus, and low level alarm activation.

Rear Panel



16 Zone Speaker Selector

RH2813AM



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 |

Descriptions & Features

The 16-Zone Speaker Selector RH2813AM is able to select up to 16 speaker zones, and can achieve the functions of zone paging and alarm broadcasting in working with 16-zone paging selector & 16-zone remote paging microphone.

- ✧ Supports 16 zones for background music, paging, and alarm broadcasting.
- ✧ Built-in monitor speaker.
- ✧ 4 inputs for background music.
- ✧ 4 inputs for alarm broadcasting and paging.
- ✧ Each zone has LED indicator.
- ✧ 25-pin computer activation bus.
- ✧ Each channel power handling ≤1kW, total handling capacity ≤8kW.

Rear Panel



Alarm Panel

RH2815E



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 |

Descriptions & 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.

Rear Panel



10-Zone Speaker Selector

RH2813B



Descriptions & 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 $\leq 200W$, total handling capacity $\leq 2000W$.

Rear Panel



Specifications

| Model | RH2813B |
|-------------------------|----------------------------------------------------------------------|
| Group A Input | 70V/100V audio signal 'CH1~CH5' |
| 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 |

16CH Power Sequencer

RH2828S

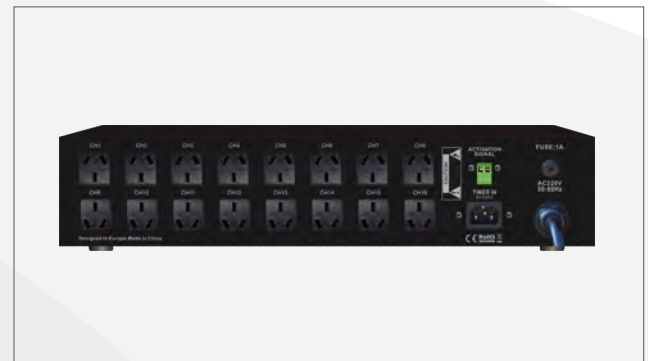


Descriptions & Features

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.
- ※ Each channel power handling $\leq 2kW$, total handling capacity $\leq 4.5kW$.
- ※ Power start using shorted signal from program timer to realize timing power output.

Rear Panel



Specifications

| Model | RH2828S |
|-------------------------|---------------------------------|
| Total Capacity | Total capacity 4.5KW |
| 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 |

M/S Amplifier Switch

RH2821M



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 |

Descriptions & 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.

Rear Panel



16CH 24VDC Switch Power Supply

RH28216S



Specifications

| Model | RH28216S |
|------------------------|------------------------------------------------------------------------------------------------|
| Channels Controlled | 16 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 |

Descriptions & 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.

Rear Panel



Volume Control



RH-6V/RH-30V/RH-60V/RH-120V

RH-6VF/RH-30VF/RH-60VF/RH-120VF

(F means with emergency input voltage 24VDC 15mA)

Descriptions

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-6VF | RH-30V | RH-30VF | RH-60V | RH-60VF | RH-120V | RH-120VF |
|--------------------|---------------------|--------|----------------|---------|---------------|---------|----------------|----------|
| 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 1: Off | | STEP 1: Off | | STEP 1: Off | |
| | STEP 2: -4dB | | STEP 2: -17dB | | STEP 2: -18dB | | STEP 2: -17dB | |
| | STEP 1: -1dB | | STEP 1: -11dB | | STEP 1: -11dB | | STEP 1: -11dB | |
| | STEP 1: -0.5dB | | STEP 1: -4.5dB | | STEP 1: -5dB | | STEP 1: -5.5dB | |
| Frequency Response | STEP 1: 0dB | | STEP 1: 0dB | | STEP 1: 0dB | | STEP 1: 0dB | |
| | 20~20KHz | | 20~20KHz | | 20~20KHz | | 20~20KHz | |
| | 86×86×50 | | 86×86×62 | | 86×86×70 | | 86×86×75 | |
| | No | | 35×30×32 | | 50×40×38 | | 55×45×42 | |
| Transformer Size | No | | 35×30×32 | | 50×40×38 | | 55×45×42 | |
| Color | White | | White | | White | | White | |
| N.W | 62g | | 135g | | 295g | | 320g | |

100V Audio Signal Converter

RH1001ZH



Descriptions & Features

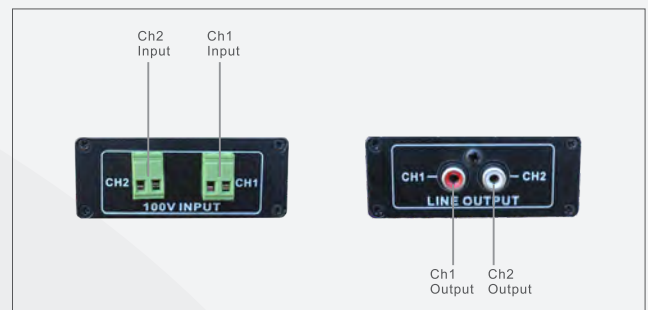
The RH1001ZH is designed to convert a high 100V audio signal to a line level signal.

No power needed, will be very helpful for the public address audio distribution system, it can make the system connection very easy and flexible.

Ideal for signal transmission over long distances or supplying an auxiliary output from PA amplifiers or from a 100V audio signal source to the units with line input.

And very useful if extending or adding to existing installs as it negates the need to run new cables from existing amplifier or main equipment, simply tag onto the 100V loudspeaker circuit and feed the output into a local amplifier.

Rear Panel



Specifications

| Model | RH1001ZH |
|------------------|-------------------------|
| Channel Number | Two channels |
| Input Signal | 100V amplified signal |
| Output Signal | Line level signal |
| Input Terminal | Screw plug terminal * 2 |
| Output Terminal | RCA(unbalanced) * 2 |
| Housing Material | Aluminium alloy |
| Dimension | 136x80x30mm |
| Net Weight | 450g |

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.

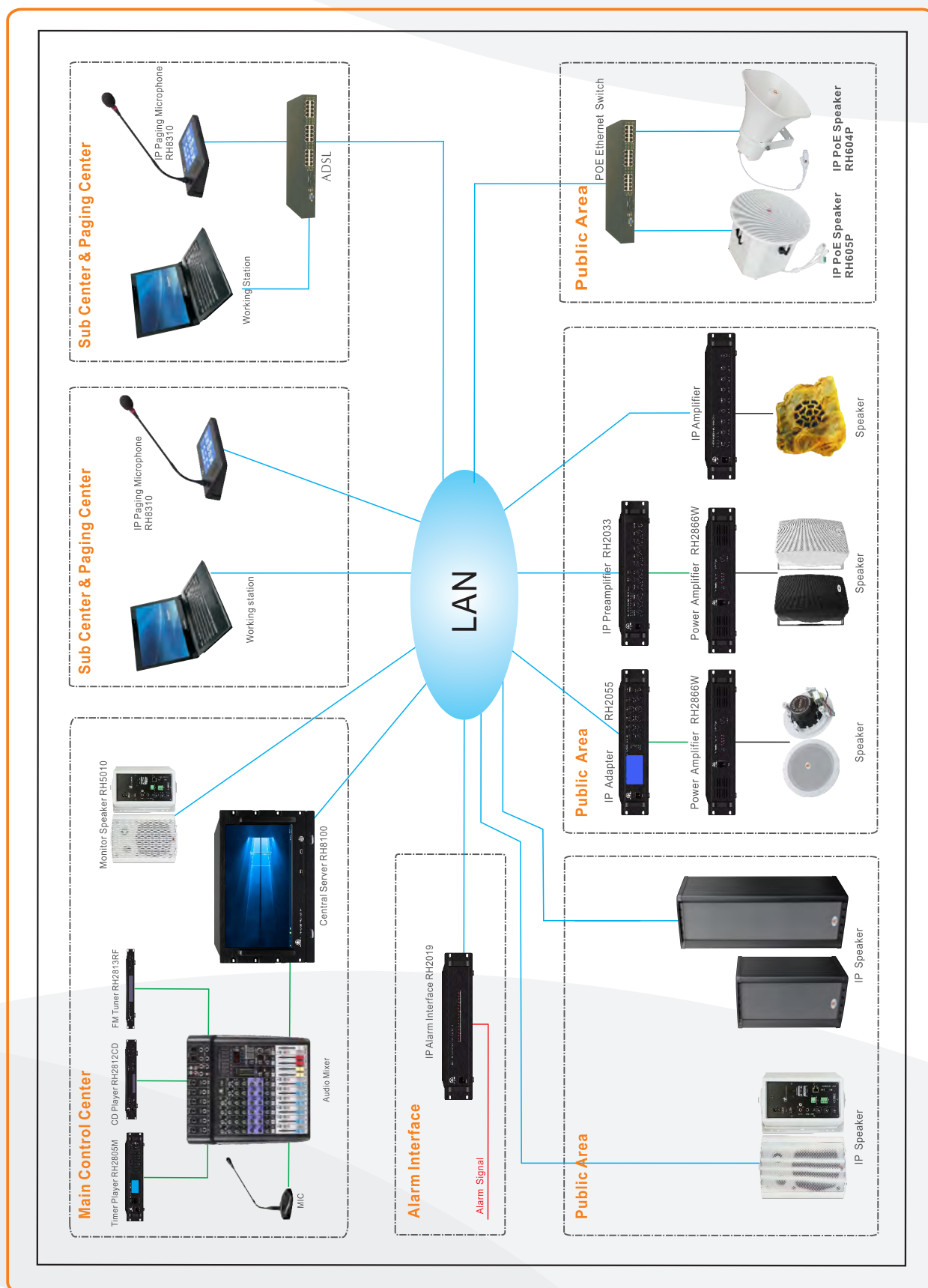
Such systems are inter-connected by the networking infrastructure and thus allow loss-less transmission to remote locations across the Internet or a local area or campus network. It is also possible to provide for multiple or relocatable transmission control stations on such a network.

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 Diagram





Descriptions & Features

The RH-AUDIO IP Based PA System offers an ideal solution for some venues that need to do large-scale paging and multi-zoned background music across multiple facilities and locations with complex distribution and scheduling needs.

It's easier than ever to install a very wide paging or intercom system using your existing Ethernet network. It can be used to provide emergency notification to the zones or specific messages to each zone.

The network terminal such as network amplifier, network speaker, network preamplifier can be placed wherever you have a network drop without need for long speaker wire connections from a large central amplifier.

With IP network system you will enjoy a quicker and more flexible installation than traditional wired analog systems.

- ※ The software runs on the main server, manages the system and provides digital voice quality sound wherever you need it.
- ※ The central server is the core of IP network PA system.
- ※ 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 real-time program ordering, response to request from network terminals.
- ※ No restriction to transmission distance and tens of or hundreds of audio sources.
- ※ Any workstation installed with this system can broadcast to the terminals, and can edit program as per the user-right authorized.

Rear Panel



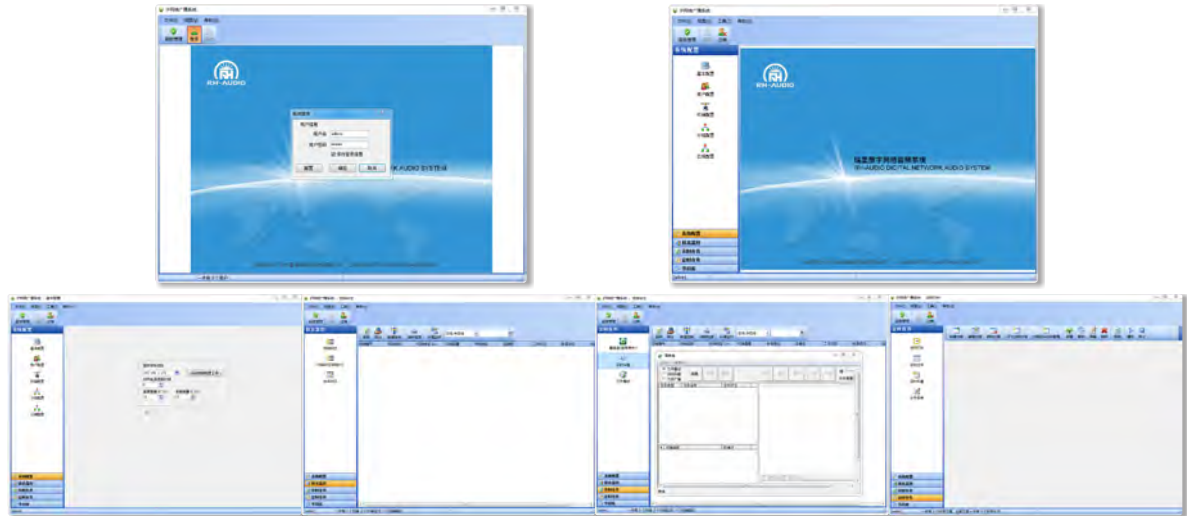
Specifications

- ※ Model: RH8100
- ※ CPU: Intel Core I5
- ※ Chipset: Intel B75
- ※ Operating System: Windows 10
- ※ Display: 17.3" high-resolution LCD screen (1920 * 1080), touch screen
- ※ RAM: DDR3 1333/1600MHz (B75/H81)
- ※ Memory: 128G SSD
- ※ GPU: Intel® HD Graphics
- ※ I/O Interface: VGA*1, Realtek*1, RS-232*1, HDMI*1, PS/2*1, USB2.0*8, USB3.0*4, LAN*2, Line-in*1, Line-out*1, Mic.*1
- ※ Power Supply: AC100~240V 50/60 Hz
- ※ Working Condition: Temperature -10°C~50°C, relative humidity 10%~95%
- ※ Installation Method: Desktop or rack mounting
- ※ Production Size: 485mm(W)*300mm(H)*310mm(D)
- ※ Weight: 26KG

IP Network PA System Software RH8000

IP PA System Software

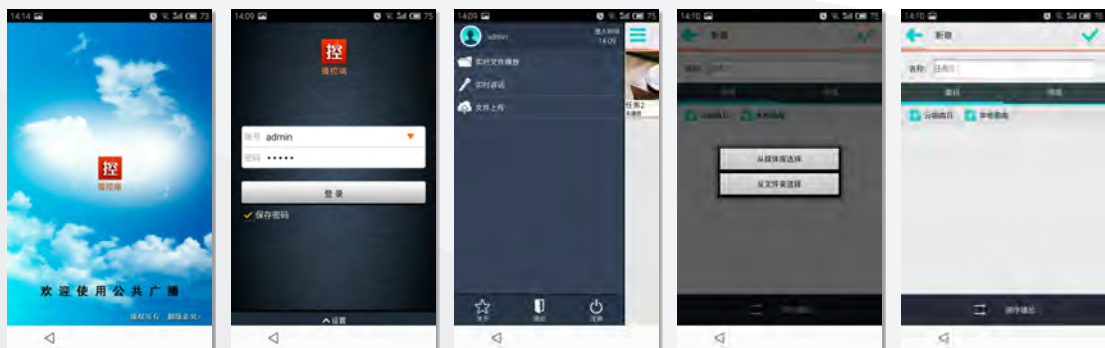
To be installed with prepared computer as server to manage the whole pa system.
Supports operation system of Windows.



APP for Mobile Devices RH8001

Android Mobile APP

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



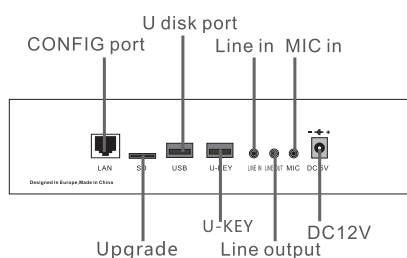
IP Network Microphone

RH8310

With touch-screen



Rear Panel



Descriptions & Features

The IP Microphone RH8310 is the core control equipment for IP public address system, could make voice announcement to individual zone, combined zones and all zones under the system.

Built-in USB player for playing music to individual zone, combined zones and all zones under the system.

Built-in loudspeaker, could realize the function of two way intercom among IP based microphones.

Desktop microphone design, 7 inch TFT LCD touch screen, humanized operation interface.

Suitable for organizations with complex inter-building distribution and scheduling needs such as government agencies, schools, factories, commercial buildings, residential areas and hospitals etc.

- ※ Internet interface: standard RJ45
- ※ Power: DC12V with power adapter
- ※ Audio bit rate: 8Kbps ~ 320Kbps Self-adaption
- ※ Frequency response: 40Hz ~ 20KHz (±3dB)
- ※ (THD@1W): ≤1%
- ※ SNR: >80dB
- ※ Sampling rate: 8K ~ 48KHz
- ※ Line in input level: 400mV (Standard 3.5mm Audio port)
- ※ Line out output level: 0.775V (Standard 3.5mm Audio port)
- ※ Built in speaker: 8Ω/5W
- ※ Audio format: MP3, ADPCM
- ※ Transmission speed: 10/100Mbps
- ※ Support protocol: ARP、UDP、TCP/IP、ICMP、IGMP (Group play)
- ※ Internet delay: ≤50ms
- ※ Base dimension: 240*150*56mm
- ※ Gooseneck length: 410mm
- ※ Weight: 1.45KG

IP Network Active Wall Mount Speaker 2*30W

RH5010



Active Speaker

Passive speaker

Specifications

- ※ Built-in 2-channel digital stereo amplifier (Class D) 8Ω 30W*2.
- ※ 2-way speaker units with woofer 5" + tweeter 1".
- ※ With one 6.35mm MIC jack input.
- ※ Network Input: Standard RJ45 x 1
- ※ Protocol Supported: TCP/IP UDP IGMP (group broadcasting)
- ※ Rated Power: 30W x 2 (8Ω)
- ※ Audio Format: MP3/MP2
- ※ Audio Format: 16 digit stereo CD tone
- ※ Frequency Output: 20Hz~16KHz
- ※ T.H.D: ≤0.3%
- ※ Power Supply: ~110-240V 50-60Hz
- ※ Dimension (HxWxD): 242 x 182 x 162 mm
- ※ Net Weight: Active speaker 2.50 kg + Passive speaker 2.15 kg

IP Network Active Column Speaker


RH6030
RH6060

Specifications

- ※ Built-in D type digital amplifier.
- ※ Standard Rj45 network port.
- ※ Support protocols of UDP, TCP/IP, IGMP.
- ※ Audio format: MP3/MP2.
- ※ Frequency response: 80Hz~16KHz.
- ※ T.H.D: ≤1%.
- ※ Power supply: AC110~220V ± 10%, 50/60Hz.
- ※ Woofer unit: 5.5" x1, Tweeter unit: 1.5"x1. (RH6030)
- ※ Woofer unit: 5.5" x2, Tweeter unit: 1.5"x1. (RH6060)
- ※ Dimension: 190×175×320mm. (RH6030)
- ※ Dimension: 190×175×520mm. (RH6060)

IP Network PoE Active Speaker


RH603P

Specifications

- ※ Amplifier Type: Class D
- ※ Power Supply: PoE or DC24V(2A)
- ※ Rated Power: Power Over Ethernet: 25W
DC24V(2A): 30W
- ※ Communication Protocol: TCP/IP, UDP, IGMP
- ※ Speaker Driver: 4.25" *2 full range
- ※ Dimensions (mm) : 373*152*100mm
- ※ Material: Aluminium Alloy
- ※ Net Weight: 2.54kg


RH604P

Specifications

- ※ Amplifier Type: Class D
- ※ Power Supply: PoE or DC24V(2A)
- ※ Rated Power: Power Over Ethernet: 25W
DC24V(2A): 30W
- ※ Communication Protocol: TCP/IP, UDP, IGMP
- ※ Dimensions (mm) : 285*205*280mm
- ※ Material: ABS enclosure, metal grille
- ※ Net Weight: 2.3kg



RH601P

Specifications

- ※ Amplifier Type: Class D
- ※ Power Supply: PoE or DC12V(2A)
- ※ Rated Power: Power Over Ethernet: 10W
DC24V(2A): 20W
- ※ Communication Protocol: TCP/IP, UDP, IGMP
- ※ Speaker Driver: 5.25" full range
- ※ Dimensions (mm) : Ø194*131mm
- ※ Cutting Hole (mm): Ø175mm
- ※ Material: ABS enclosure, metal grille
- ※ Net Weight: 1.25kg



RH605P

Specifications

- ※ Amplifier Type: Class D
- ※ Power Supply: PoE or DC24V(2A)
- ※ Rated Power: Power Over Ethernet: 25W
DC24V(2A): 30W
- ※ Communication Protocol: TCP/IP, UDP, IGMP
- ※ Speaker Driver: 6.5" woofer, 1" tweeter
- ※ Dimensions (mm) : Ø238*180mm
- ※ Cutting Hole (mm): Ø215mm
- ※ Material: ABS enclosure, metal grille
- ※ Net Weight: 2.5kg



RH602P

Specifications

- ※ Amplifier Type: Class D
- ※ Power Supply: PoE or DC24V(2A)
- ※ Rated Power: Power Over Ethernet: 25W
DC24V(2A): 30W
- ※ Communication Protocol: TCP/IP, UDP, IGMP
- ※ Speaker Driver: 5.25" woofer, 1" tweeter
- ※ Dimensions (mm) : 285*170*190mm
- ※ Material: ABS enclosure, metal grille
- ※ Net Weight: 2.5kg

IP Network Pre Amplifier

RH2033



Descriptions

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

- ✧ 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.
- ✧ 3 local line inputs, 2 EMC input and 5 MIC. input, MIC1 input overrides other inputs.
- ✧ 2 line output for connecting conventional power amplifiers.
- ✧ Individual volume controller for inputs.
- ✧ BASS and TREBLE tone controller.
- ✧ Audio format: MP3/MP2.
- ✧ Frequency response: 20Hz~20KHz.
- ✧ T.H.D.: ≤0.3%.
- ✧ S/N: >70dB.
- ✧ Power supply: AC220V ± 10% 50-60Hz.
- ✧ Dimension: 485 x 365 x 89 mm.
- ✧ Weight: 6.8Kg.

IP Network Mixer Amplifier

RH2070N/RH2130N/RH2260N/RH2360N/RH2500N/RH2650N
RH2070NX/RH2130NX/RH2260NX/RH2360NX/RH2500NX/RH2650NX



With 4.3 inch touch-screen

- ※ 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.
- ※ Can supply 24VDC power to switch on the remote volume control in the case of emergency.

- ※ Rated power **60W/120W/240W/350W/500W/650W** 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 warming on the front panel.
- ※ 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.

Specifications

| Rated Power | 60W | 120W | 240W | 350W | 500W | 650W |
|---------------------|------------------------------------------|---------|---------|---------|---------|---------|
| 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 | 880W |
| 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℃ ~ 40℃ | | | | | |
| 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 | 21.50kg |

Rear Panel





Rear Panel



Descriptions & Features

The IP Alarm Interface RH2019 deals with the incoming fire alarm signal from other detection equipments then sends them out to central server for emergency declaration through the loudspeakers over the IP pa system.

- ※ 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.

Specifications

- ※ Power supply: AC220V \pm 10% 50-60Hz.
- ※ Stand by power consumption \leq 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: \leq 50ms
- ※ Working environment temperature: 5°C ~ 40°C.
- ※ Working environment humidity: 20% ~ 80%.
- ※ Dimension: 485 x 365 x 89 mm.
- ※ Weight: 6.5 Kg.

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