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RH-AUDIO COMMERCIAL SOUND SYSTEM



2018 NEW PRODUCT RELEASES

GUANGZHOU XINGHONGDE ELECTRONICS TECHNOLOGY CO., LTD.

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

GUANGZHOU XINGHONGDE ELECTRONICS TECHNOLOGY CO., LTD.

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

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

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

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

Quality statement:

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

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

As we believe that this is critical to the success of our customers and products, the key elements of this strategy are:

- A strong management commitment to quality.
- Recruitment and retention of high calibre, experienced, well trained staff.
- Appropriate documented processes, procedures and controls.
- An ethos of continual improvement and challenge.
- Meeting all necessary legal and regulatory requirements.

Our mission statement:

- Honesty and respect with our customers.
- Efficiency and austerity in the use of our resources.
- Creativity in the development of methods and ideas.
- Working in team to achieve the best working environment.
- Pledge of allegiance and solidarity with us and the environment.

Service statement:

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



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

WIFI/USB/BT Portable Amplifier
RH60WIFI

Descriptions & Features

This RH-AUDIO WIFI/USB/BT Portable Amplifier is designed as convenient solution for small to medium PA installations with USB player,Bluetooth and WIFI receivers 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.

- ✧ Built-in WiFi wireless music streaming receiver,Bluetooth receiver and USB player.
- ✧ Connect with your smart device via the free app.
- ✧ Support AIRPLQY/DLAN/QPLAY.
- ✧ 70/100-volt and 4/8 ohms(Ω) output loads.
- ✧ SMT circuit boards with highly stable performance.
- ✧ Powerful amplifier tubes.
- ✧ Three 48V Phantom Power socket support unbalanced 6.35 jack or balanced XLR jack.
- ✧ Mic 1 has priority over the inputs with 0~30dB dB attenuation.
- ✧ 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.

Specifications

Model	RH60WIFI
Rated Power	60W
Output Terminals	Low impedance: 4/8ohms (Ω), Voltage line:70V(81.7 ohms), 100V(166.7ohms)
MIC Input	MIC1/MIC2: 10Kohms(Ω) 9.2 mv,unbalanced
LINE Input	LINE: 10K ohms(Ω) 260 mv,unbalanced
Frequency Response	30Hz ~ 15k Hz (\pm 3 dB)
THD	< 0.5% at 1kHz,1/3 rated power
S/N	Line:85 dB , MIC:> 80 dB
Tone	BASS:100 Hz (\pm 10dB) , TREBLE:10k Hz (\pm 10dB)
Protection	AC fuse,short circuit,overload,high temperature
Power Cable	(3×0.5 mm)×1.5M (standard)
Power Supply	AC 220V \pm 10% 50- 60Hz (Optional)
Power Consumption	84W
Net Weight	5.00kg
Dimension	75(H)x280(W)x240(D)mm

WIFI/USB/BT Portable Amplifier
RH120WIFI/RH240WIFI/RH350WIFI

Descriptions & Features

The RH-AUDIO WIFI/USB/BT Portable Amplifiers are designed with overall 70/100-volt and 4/8 ohms(Ω) loads and featured an industry leading 5 zoned 100 volt load solution.

A variety of audio source options have been engineered into these amplifiers including MP3 player of connecting external USB drive,bluetooth receiver,WiFi receiver,three microphone interfaces and two aux RCA ports.

120/240/350 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,and each zone has its own LED indicator,shall light green for on.

Built-in CHIME and SIREN circuitry with push button and volume control on front panel. Microphone input (MIC1) fitted on front panel features muting function by overriding the other inputs of MIC2,MIC3 AUX1,AUX2 with 0~30dB attenuation.

- ✧ Built-in WiFi wireless music streaming receiver,Bluetooth receiver and USB player.
- ✧ Connect with your smart device via the free app.
- ✧ Support AIRPLQY/D LAN/Q PLAY.
- ✧ 70/100-volt and 4/8 ohms(Ω) output loads.
- ✧ 5 Zones 100V speaker outputs with separate switch ON/OFF & LED indicator.
- ✧ Powerful amplifier tubes.
- ✧ Three 48V Phantom Power socket support unbalanced 6.35 jack or balanced XLR jack.
- ✧ Mic 1 has priority over the inputs with 0~30dB dB attenuation.
- ✧ 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.

Specifications

Model	RH120WIFI	RH240WIFI	RH350WIFI
Rated Power	120W	240W	350W
Output Mode	Low impedance: 4/8ohms (Ω), Voltage line:70V(81.7 ohms), 100V(166.7ohms)		
MIC Input	Three 48V Phantom power socket support unbalanced 6.35mm jack or balanced XLR jack		
LINE Input	LINE:10k ohms(Ω) 300mv,unbalanced		
LINE Output	0.775V (0 dB)		
Frequency Response	60Hz~15kHz(\pm 3dB)		
THD	<0.5% at 1kHz,1/3 rated power		
S/N	Line:80 dB , MIC:<75 dB		
Tone	BASS:100 Hz (\pm 10 dB) , TREBLE:12k Hz (\pm 10 dB)		
Cooling	DC 12V FAN		
Fuse	AC FUSE x 2A	AC FUSE x 4A	AC FUSE x 6A
Power Cable	(3×0.75 mm)×1.5M (standard)		
Power Supply	AC 220V \pm 10% 50-60Hz (Optional)		
Power Consumption	185W	350W	485W
Dimension	89(H)×430(W)×340(D)mm		
Net Weight	8.50Kg	11.50Kg	12.50KG

USB/BT Portable Amplifier
RH60MB

Descriptions & Features

This RH-AUDIO USB/BT Portable 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.

- ✧ Built-in Bluetooth receiver and USB player.
- ✧ 70/100-volt and 4/8 ohms(Ω) output loads.
- ✧ SMT circuit boards with highly stable performance.
- ✧ Powerful amplifier tubes.
- ✧ Three 48V Phantom Power sockets support unbalanced 6.35 jack or balanced XLR jack.
- ✧ Mic 1 has priority over the inputs with 0~30dB dB attenuation.
- ✧ 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.

Specifications

Model	RH60MB
Rated Power	60W
Output Terminals	Low impedance: 4ohms (Ω), 8ohms (Ω), Voltage line: 70V(81.7 ohms),
MIC Input	100V(166.7ohms)
LINE Input	MIC1/MIC2: 10Kohms(Ω) 9.2 mv, unbalanced
Frequency Response	LINE: 10K ohms(Ω) 260 mv, unbalanced
THD	30Hz ~ 15k Hz (\pm 3 dB)
S/N	< 0.5% at 1kHz, 1/3 rated power
Tone	Line: 85 dB, MIC: > 80 dB
Protection	BASS: 100 Hz (\pm 10dB), TREBLE: 10k Hz (\pm 10dB)
Power Cable	AC fuse, short circuit, overload, high temperature
Power Supply	(3x0.5 mm) x 1.5M (standard)
Power Consumption	AC 220V \pm 10% 50-60Hz (Optional)
Net Weight	80W
Dimension	5.00kg

USB/BT Portable Amplifier
RH150MB/RH300MB

Descriptions & Features

The RH-AUDIO USB/BT Portable Amplifiers are designed with overall 70/100-volt and 4/8 ohms(Ω) loads and featured an industry leading 5 zoned 100 volt load solution.

A variety of audio source options have been engineered into these amplifiers including MP3 player of connecting external USB drive, wireless bluetooth receiver, five microphone interfaces and two aux RCA ports.

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, and each zone has its own LED indicator, shall light green for on.

Built-in CHIME and SIREN circuitry with push button and volume control on front panel. Microphone input (MIC1) fitted on front panel features muting function by overriding the other inputs of MIC2, MIC3, AUX1, AUX2 with 0~30dB attenuation.

- ✧ Built-in Bluetooth receiver and USB player.
- ✧ 70/100-volt and 4/8 ohms(Ω) output loads.
- ✧ 5 Zones 100V speaker outputs with separate switch ON/OFF & LED indicator.
- ✧ Powerful amplifier tubes.
- ✧ Five 48V Phantom Power sockets support unbalanced 6.35 jack or balanced XLR jack.
- ✧ Mic 1 has priority over the inputs with 0~30dB dB attenuation.
- ✧ 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.

Specifications

Model	RH150MB	RH300MB
Rated Power	150W	300W
Output Mode	Low impedance: 4ohms (Ω), 8ohms (Ω), Voltage line: 70V(81.7 ohms), 100V(166.7ohms)	
MIC Input	Five 48V Phantom power sockets support unbalanced 6.35mm jack or balanced XLR jack	
LINE Input	LINE: 10k ohms(Ω) 300mv, unbalanced	
LINE Output	0.775V (0 dB)	
Frequency Response	60Hz~15kHz(\pm 3dB)	
THD	< 0.5% at 1kHz, 1/3 rated power	
S/N	Line: 80 dB, MIC: < 75 dB	
Tone	BASS: 100 Hz (\pm 10 dB), TREBLE: 12k Hz (\pm 10 dB)	
Cooling	DC 12V FAN	
Fuse	AC FUSE x 4A	AC FUSE x 6A
Power Cable	(3x0.75 mm) x 1.5M (standard)	
Power Supply	AC 220V \pm 10% 50-60Hz (Optional)	
Power Consumption	190W	450W
Dimension	89(H)x430(W)x340(D)mm	
Net Weight	9.00Kg	11.50KG

USB/SD/FM/BT Portable Amplifier
RH1060M/RH1120M

Descriptions & Features

These RH-AUDIO USB/SD/FM/BT Portable Amplifiers are designed as convenient solution for small to medium PA installations with USB/SD player, FM tuner and Bluetooth receiver in a compact housing.

Inputs for microphone, line input and the other audio sources are governed by front panel volume controls.

The digital screen displays the working status of playing programmes, which can be controlled by the front panel buttons or the remote control.

And features two MIC inputs and one line input with 60/120 watts of amplifier power are available with either 70/100-volt or 4 to 16 ohms(Ω) output loads.

Also included a line level output for adding additional power amplifiers.

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

- ※ Compact metal housing with front panel of aluminium alloy.
- ※ SMT circuit boards with highly stable performance.
- ※ Powerful amplifier tubes.
- ※ 2 microphone inputs and 1 line input.
- ※ Built-in players of USB/SD, FM tuner.
- ※ Supports Bluetooth connection with mobile devices.
- ※ High-definition display for the working status of playing programmes.
- ※ 70/100-volt and 4 to 16 ohms(Ω) output loads.
- ※ Individual volume controller for inputs.
- ※ BASS and TREBLE tone controllers.
- ※ Individual LED indicator for POWER/SIGNAL/PROTECTION.

Specifications

Model	RH1060M	RH1120M
Rated Power	60W	120W
Output Mode	Low impedance: 4-16ohms (Ω), Voltage line:70V(81.7 ohms), 100V(166.7ohms)	
MIC Input	MIC1/MIC2:600 ohms(Ω) 5-10 mv ,unbalanced 6.35 socket	
LINE Input	LINE:10k ohms(Ω) 300mv,unbalanced	
LINE Output	0.775V (0 dB)	
Frequency Response	60Hz~15kHz(\pm 3dB)	
THD	<0.5% at 1kHz, 1/3 rated power	
S/N	Line:80 dB , MIC:<75 dB	
Tone	BASS:100 Hz (\pm 10 dB) , TREBLE:12k Hz (\pm 10 dB)	
Cooling	DC 12V FAN	
Fuse	AC FUSE x 1A	AC FUSE x 2A
Power Cable	(3×0.75 mm)×1.5M (standard)	
Power Supply	AC 220V \pm 10% 50-60Hz (Optional)	
Power Consumption	84W	168W
Dimension	72(H)×305(W)×275(D)mm	
Net Weight	5.00Kg	6.50KG

2.4G USB/SD/FM/BT Portable Amplifier
RH2060GF/RH2120GF

Descriptions & Features

These 2.4G USB/SD/FM/BT Portable Amplifiers are designed as convenient solution for small to medium PA installations with USB/SD player, FM tuner and Bluetooth receiver in a compact housing.

Equipped with 2.4G receiver circuit supporting wireless 2.4G transmitter with microphone for presentation, this transmitter adopts the international free 2.4GHz ISM band (frequency range 2400 MHz~2483 MHz),

Inputs for microphone, line input and the other audio sources are governed by front panel volume controls.

The digital screen displays the working status of playing programmes, which can be controlled by the front panel buttons or the remote control.

And features two MIC inputs and one line input with 60/120 watts of amplifier power are available with either 70/100-volt or 4 to 16 ohms(Ω) output loads.

Also included a line level output for adding additional power amplifiers.

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

- ※ Compact metal housing with front panel of aluminium alloy.
- ※ SMT circuit boards with highly stable performance.
- ※ Powerful amplifier tubes.
- ※ 2 local microphone inputs and 1 line input.
- ※ Built-in players of USB/SD, FM tuner.
- ※ Supports Bluetooth connection with mobile devices.
- ※ Unique 2.4G presentation system.
- ※ High-definition display for the working status of playing programmes.
- ※ 70/100-volt and 4 to 16 ohms(Ω) output loads.
- ※ Individual volume controller for inputs.
- ※ BASS and TREBLE tone controllers.
- ※ Individual LED indicator for POWER/SIGNAL/PROTECTION.

Specifications

Model	RH2060GF	RH2120GF
Rated Power	60W	120W
Output Mode	Low impedance: 4-16ohms (Ω), Voltage line:70V(81.7 ohms), 100V(166.7ohms)	
MIC Input	MIC1/MIC2:600 ohms(Ω) 5-10 mv ,unbalanced 6.35 socket	
LINE Input	LINE:10k ohms(Ω) 300mv,unbalanced	
LINE Output	0.775V (0 dB)	
Frequency Response	60Hz~15kHz(\pm 3dB)	
THD	<0.5% at 1kHz, 1/3 rated power	
S/N	Line:80 dB , MIC:<75 dB	
Tone	BASS:100 Hz (\pm 10 dB) , TREBLE:12k Hz (\pm 10 dB)	
Cooling	DC 12V FAN	
Fuse	AC FUSE x 1A	AC FUSE x 2A
Power Cable	(3×0.75 mm)×1.5M (standard)	
Power Supply	AC 220V \pm 10% 50-60Hz (Optional)	
Power Consumption	84W	168W
Dimension	72(H)×305(W)×275(D)mm	
Net Weight	5.20Kg	6.70KG

Bluetooth Active Ceiling Speaker
RH31BL/RH32BL/RH34BL

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 with 1CH amplifier 1*10W

Model RH32BL with 2CH amplifier 2*10W

Model RH34BL with 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

※ DC 12V 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.


Sub 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 Unit	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	DC12V	DC12V	DC12V
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)

WiFi Active Ceiling Speaker
RH62WF/RH64WF

Descriptions & Features

The RH-AUDIO WiFi Active Ceiling Speakers are designed with digital Class D amplifier, and built-in WiFi 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 two options:

Model RH62WF with 2CH amplifier 2*20W

Model RH64WF with 4CH amplifier 4*20W

※ Built-in WiFi wireless music streaming receiver.

※ Connect with your smart device via the free app.

※ Support AIRPLAY/D LAN/Q PLAY.

※ 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.

※ DC 12V power supply with AC adapter.

※ Flush-mount dog ears installation.

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


Sub Passive Speaker
Specifications

Model	RH62WF	RH64WF
Rated Power	2*20W@8Ω	4*20W@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 Unit	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 clamps	ABS enclosure, metal clamps
Power Supply	DC12V	DC12V
Dimension	Φ230*155mm	Φ230*155mm
Cutting Hole	Φ200mm	Φ200mm
Net Weight	3.20kg (1+1)	5.80kg (1+3)

Active Wall Mounted Speaker
RH609W


2CH

Descriptions & Features

The **Active Wall Mounted Speaker RH609W** consists of one main active & one sub passive loudspeaker.

The main active loudspeaker "L" with built-in 2-channel "R" stereo amplifiers, with Phoenix connector ready to be connected to the sub passive loudspeaker "R".

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

White or black color available and adjustable mounting bracket is supplied.

Main active loudspeaker "L"

- ※ Built-in 2-channel digital stereo amplifier (Class D) 2*20W.
- ※ 2-way speaker drivers woofer 5" + tweeter 1".
- ※ With one 6.35mm MIC jack input.
- ※ "L&R" of unbalanced inputs via RCA connectors.
- ※ 100V signal input via RCA connector available.
- ※ Individual volume control for audio input, microphone input, and 100V signal input.

Sub passive loudspeaker "R"

- ※ Rated power 20W.
- ※ 2-way speaker drivers woofer 5" + tweeter 1".
- ※ Phoenix connector ready to be connected to the main loudspeaker "L".

Specifications

Model	RH619W
Rated Power	2*20W@8Ω
Amplifier Channel	2 Channel
Amplifier Type	Digital Class D
Frequency Response	80Hz-18KHz(±3dB)
THD	<0.05% at 1kHz, 1/3 rated power
S/N	>70 dB
Speaker Unit	Woofer 5"*1 + tweeter 1"*1
Power Consumption	50W
Installation	Wall mounting
Material	ABS enclosure, metal clamps
Power Supply	AC100V-240V/50Hz/60Hz
Fuse	T1.5A*1
Dimension	170*185*250mm
Net Weight	4.80kg (1+1)

Bluetooth Active Wall Mounted Speaker
RH609BL


2CH

Descriptions & Features

The **Bluetooth Active Wall Mounted Speaker RH609BL** consists of one main active & one sub passive loudspeaker.

The main active loudspeaker "L" with built-in 2-channel "R" stereo amplifiers, and built-in bluetooth receiver, with Phoenix connector ready to be connected to the sub passive loudspeaker "R".

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

White or black color available and adjustable mounting bracket is supplied.

Main active loudspeaker "L"

- ※ Built-in 2-channel digital stereo amplifier (Class D) 2*20W.
- ※ Built-in bluetooth receiver.
- ※ 2-way speaker drivers woofer 5" + tweeter 1".
- ※ With one 6.35mm MIC jack input.
- ※ "L&R" of unbalanced inputs via RCA connectors.
- ※ 100V signal input via RCA connector available.
- ※ Individual volume control for audio input, microphone input, and 100V signal input.

Sub passive loudspeaker "R"

- ※ Rated power 20W.
- ※ 2-way speaker drivers woofer 5" + tweeter 1".
- ※ Phoenix connector ready to be connected to the main loudspeaker "L".

Specifications

Model	RH609BL
Rated Power	2*20W@8Ω
Amplifier Channel	2 Channel
Amplifier Type	Digital Class D
Frequency Response	80Hz-18KHz(±3dB)
THD	<0.05% at 1kHz, 1/3 rated power
S/N	>70 dB
Speaker Unit	Woofer 5"*1 + tweeter 1"*1
Power Consumption	50W
Installation	Wall mounting
Material	ABS enclosure, metal clamps
Power Supply	AC100V-240V/50Hz/60Hz
Fuse	T1.5A*1
Dimension	170*185*250mm
Net Weight	4.80kg (1+1)

WiFi Wall Mounted Speaker
RH609WF

Descriptions & Features

The **WiFi Active Wall Mounted Speaker RH609WF** consists of one main active & one sub passive loudspeaker. The main active loudspeaker "L" with built-in 2-channel "R" stereo amplifiers, and built-in WiFi receiver, with Phoenix connector ready to be connected to the sub passive loudspeaker "R".

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

White or black color available and adjustable mounting bracket is supplied.

Main active loudspeaker "L"

- ※ Built-in 2-channel digital stereo amplifier (Class D) 2*30W.
- ※ Built-in WiFi wireless music streaming receiver.
- ※ Connect with your smart device via the free app.
- ※ 2-way speaker drivers woofer 5" + tweeter 1".
- ※ With one 6.35mm MIC jack input.
- ※ "L&R" of unbalanced inputs via RCA connectors.
- ※ 100V signal input via RCA connector available.
- ※ Individual volume controls for audio input, microphone input, and 100V signal input.

Sub passive loudspeaker "R"

- ※ Rated power 30W.
- ※ 2-way speaker drivers woofer 5" + tweeter 1".
- ※ Phoenix connector ready to be connected to the main loudspeaker "L".

Specifications

Model	RH609WF
Rated Power	2*30W@8Ω
Amplifier Channel	2 Channel
Amplifier Type	Digital Class D
Frequency Response	80Hz-18KHz(±3dB)
THD	<0.05% at 1kHz, 1/3 rated power
S/N	>70 dB
Speaker Unit	Woofer 5"*1 + tweeter 1"*1
Power Consumption	70W
Installation	Wall mounting
Material	ABS enclosure, metal clamps
Power Supply	AC100V-240V/50Hz/60Hz
Fuse	T1.5A*1
Dimension	170*185*250mm
Net Weight	4.80kg (1+1)

2.4G Active Wall Mounted Speaker
RH609GF

Descriptions & Features

The **2.4G Active Wall Mounted Speaker RH609GF** with Built-in Amplifier is designed with passive or active crossovers built into them, consists of one main active loudspeaker and one sub passive loudspeaker, the main active loudspeaker "L" with built-in 2-channel "R" stereo amplifiers, and with Phoenix connector ready to be connected to the sub passive loudspeaker "R", 2.4G Wireless Speaker with Built-in Amplifier.

Among the active speakers this model RH609GF has unique feature of wireless 2.4G presentation system, including the items of 2.4G transmitter, microphone, PPT USB drive to support the speech person to use microphone, laser pointer, PPT flip to give an excellent presentation.

Are designed with U shaped stainless and rotatable mounting bracket could be adjusted at request, finish in black and white color available. This active loudspeaker system produces good clear sound and acoustical clarity, suitable for AV applications such as meeting rooms, classrooms, multi-media rooms, etc.

- ※ Unique PPT flip freely with computer on projector or presentation screen to explain more handily.
- ※ The transmitter has built-in laser pointer.
- ※ Built-in high sensitivity mic., the frequency response of human ear can perceive and collect information synchronous.
- ※ External neck microphone is available to avoid any information missed whatever manual or automatic way.
- ※ LCD screen displays the volume, power, charging status and channel information etc.
- ※ Built-in MP3 player with USB interface supporting charging and storing data.
- ※ Rechargeable lithium battery with long use life.
- ※ 3.5mm interface supporting stereo audio input and output.
- ※ No feedback and anti-interference to support being used in many rooms in the same time.
- ※ Mute function automatically with no or weak signal.
- ※ Satisfied with whole day request for continuously used within 8 hours.

Specifications

Model	RH609GF
Rated Power	2*20W@8Ω
Amplifier Channel	2 Channel
Amplifier Type	Digital Class D
Frequency Response	80Hz-18KHz(±3dB)
THD	<0.05% at 1kHz, 1/3 rated power
S/N	>70 dB
Speaker Unit	Woofer 5"*1 + tweeter 1"*1
Power Consumption	50W
Installation	Wall mounting
Material	ABS enclosure, metal clamps
Power Supply	AC100V-240V/50Hz/60Hz
Fuse	T1.5A*1
Dimension	170*185*250mm
Net Weight	4.80kg (1+1)

100V Wall Mounted Speaker
RH-MS55/RH-MS65

Descriptions & Features

The 100V Wall Mounted Speaker RH-MS55/RH-MS65 are designed with woofer and tweeter, the woofer is constructed from polypropylene and has a rubber surround, the directional tweeter has a ferrofluid cooled silk dome.

This wall mounting speaker utilizes ABS enclosure and a sturdy metal grille, suitable for free standing or wall mounting via adjustable fixing bracket, its trapezoidal design allows for the enclosures to be mounted neatly into corners, making them ideal for most applications of high-voltage audio distribution systems.

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

Available in white or black finish, and U shaped stainless and rotatable mounting bracket is supplied.

- ※ 2-way wall mount speaker system.
- ※ Speaker drivers: woofer 5" + tweeter 1" for RH-MS55, and woofer 6" + tweeter 1" for RH-MS65.
- ※ Built-in step-down 100V transformer (this technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers).
- ※ High quality ABS enclosure, metal grille and bracket, black and white available.
- ※ Fast installation by U shaped stainless and rotatable mounting bracket could be adjusted at request.

Specifications

Model	RH-MS55	RH-MS65
Rated Power	30W	40W
Input Line Voltage	100V with step-down transformer	100V with step-down transformer
Frequency Response	80Hz-15KHz(±3dB)	70Hz-15KHz(±3dB)
Sensitivity	89(±3dB)	91(±3dB)
Speaker Driver	Woofer 1*5"+tweeter 1*1"	Woofer 1*6"+tweeter 1*1"
Material	ABS housing, metal bracket	ABS housing, metal bracket
Finish	White or black	White or black
Installation	Wall mounting	Wall mounting
Dimension	110*155*235mm	130*185*285mm
Net Weight	2.60kg	3.50kg

100V Wall Mounted Speaker
RH-MS85

Descriptions & Features

The 100V Wall Mounted Speaker RH-MS85 comes with unique and outstanding appearance design, this pa loudspeaker employs unparalleled 2 way speaker system with typically 8 Ohms low to middle frequency 4 inch driver and two 2.5 inch tweeters. Like the other constant-voltage speakers the RH-MS85 is also built in a step-down transformer to match the divers' impedance.

Is perfect for commercial sound projects where lots of speakers are required at various points around the area for general announcing, public address, background music and vitally important fire/evacuation messaging.

- ※ Rated power 30W at 100V.
- ※ 2-way wall mount speaker system.
- ※ Built-in 100V transformer.
- ※ Woofer 1*4" and tweeter 2x2.5" speaker driver.
- ※ 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).
- ※ High quality ABS enclosure, metal grille and bracket.
- ※ Black and white available.
- ※ Fast installation by U shaped stainless and rotatable mounting bracket could be adjusted at request.

Specifications

Model	RH-MS85
Rated Power	30W
Input Line Voltage	100V with step-down transformer
Frequency Response	100Hz-18KHz(±3dB)
Sensitivity	92(±3dB)
Speaker Driver	Woofer 1*4"+tweeter 2*2.5"
Material	ABS housing, metal bracket
Finish	White or black
Installation	Wall mounting
Dimension	330*250*146mm (H*D*W)
Net Weight	3.00kg

100V Dual-cone Dynamic Ceiling Speaker
RH-T13

Descriptions & Features

This **100V Dual-cone Dynamic Ceiling Speaker RH-T13** has compact size design and attractive appearance with economical cost. Widely used in evacuation, public address and background music applications. It is ideal for areas such shopping centres, hotels and large indoor public areas or indeed any area where background music and paging is common and therefore excellent audio reproduction is critical.

Compact enclosure made of high-quality ABS material finished in white color ensures its long life service, and its spray-painted steel protection grille comes against rust and oxidization.

It enjoys 6W dual cone dynamic loudspeaker driver providing high performance with a wider frequency response range and improved speech intelligibility.

Built-in multi-tapped transformer for 100V constant voltage connection with 3W and 6W available. Its frame-mounted spring-loaded clamps provide secure, low-noise connections and easy installation.

- ※ Full-range 6", 6 W dual-cone dynamic speaker driver.
- ※ 100 V line transformer features two taps for 3 W and 6 W outputs.
- ※ This technique of line input 100V reduces signal losses on a longer distance and allows easy parallel connection of multiple loudspeakers.
- ※ Frame-mounted spring-loaded clamps provide secure, low-noise connections and easy installation.
- ※ Attractive color ABS resin finish with white grille suits any decor.

Specifications

Model	RH-T13
Rated Power	3W/6W
Input Line Voltage	100V with step-down transformer
Frequency Response	110Hz-15KHz(±3dB)
Sensitivity	93(±3dB)
Speaker Driver	Full-range 6" dual-cone dynamic driver
Material	ABS housing, spray-painted steel protection grille
Finish	White
Installation	In-ceiling
Dimension	Φ188*76mm
Cutting Hole	Φ170mm
Net Weight	0.75kg

2-Channel 100V High-to-Low Audio Converter
RH1001ZH

Descriptions & Features

The **2CH High-to-Low Converter 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.

Input: 70V or 100V input with screw plug terminal, x 2

Output: RCA unbalanced, x 2

Housing material: aluminium alloy

Dimensions : 136mm x 80mm x 30mm

Weight: 450g

RH-AUDIO Branded Souvenirs

The following RH-AUDIO branded items to be gifted as souvenirs.


Branded Pen

Branded Bag

Branded T-Shirt
 Size: S, M, L, XL, XXL