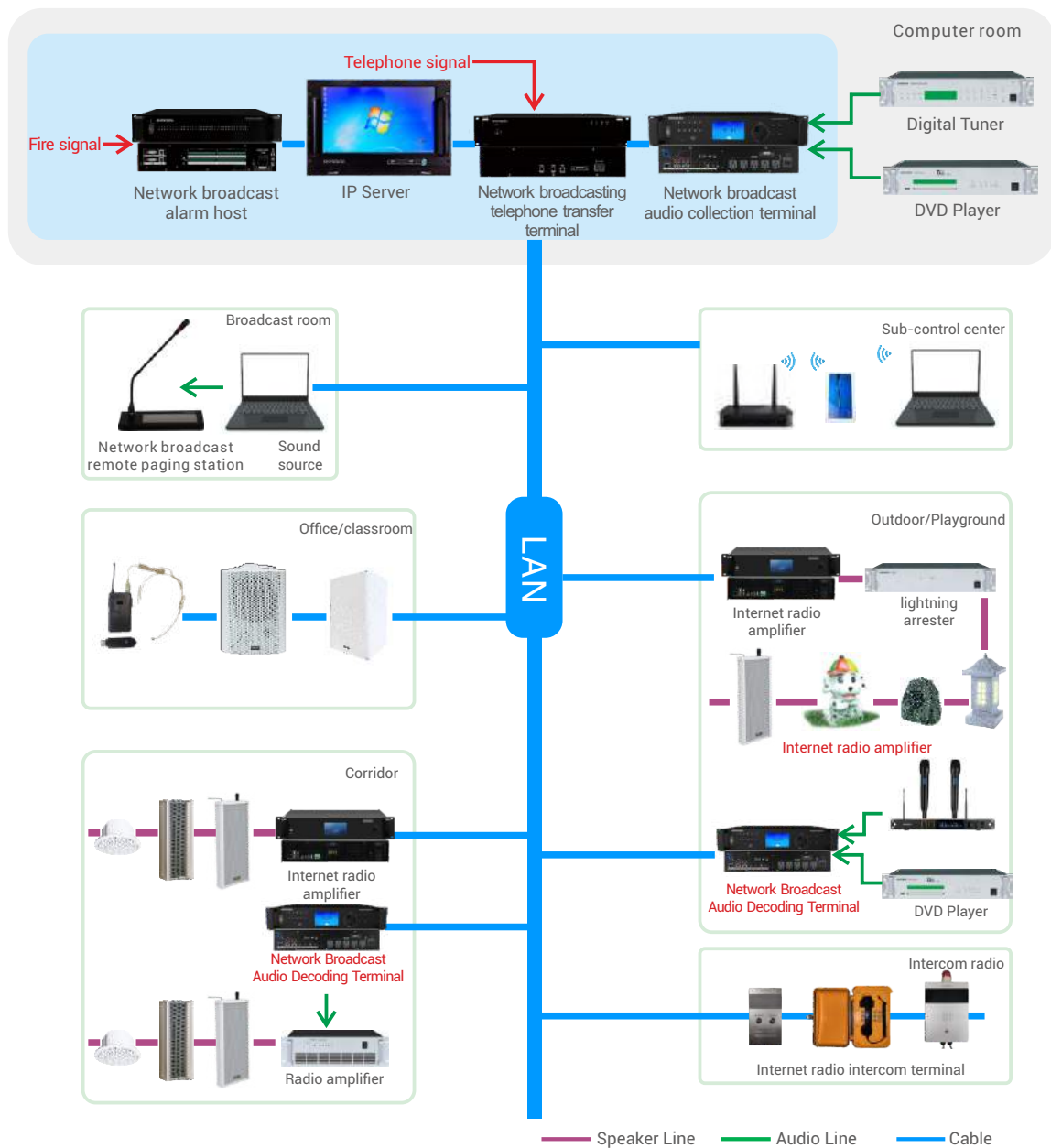# GONSIN®

**Digital Public Address System**

# IP Public Address System

GX-PB8100 Network PA & Intercom System is a comprehensive AV communication system integrating computer network, VoIP network, PSTN telecommunication network and mobile communication network. The system includes all kinds of network terminals like IP Network Server, Intercom Broadcast Paging Station, Network Fire Collector, Network Audio Collector, Network Audio Decoder, IP Amplifier, IP Speaker, Smart Video Phone, Network Help Intercom, etc. It can operate stably for long under low and high temperature environment, with high performance, low power consumption and 7*24 hours working design. And It can centrally manage all network terminal equipments, and can upgrade and maintain the program source, timing scheme and its equipment. Each terminal can be partitioned freely without line limitation. Support timing settings, according to the schedule of work and rest; Support the audio source of the database in any terminal on-demand server; Support fire alarm access.

This system is suitable for office building cluster, school, station, hospital, hotel, airport, factory, shopping center and other large-scale places.



Computer room

Telephone signal

Fire signal

Network broadcast alarm host

IP Server

Network broadcasting telephone transfer terminal

Network broadcast audio collection terminal

Digital Tuner

DVD Player

Broadcast room

Network broadcast remote paging station

Sound source

Sub-control center

Office/classroom

Outdoor/Playground

Internet radio amplifier

lightning arrester

Internet radio amplifier

Network Broadcast Audio Decoding Terminal

DVD Player

LAN

Corridor

Internet radio amplifier

Network Broadcast Audio Decoding Terminal

Radio amplifier

Intercom radio

Internet radio intercom terminal

Speaker Line          Audio Line          Cable

## System Function

● **Emergency broadcast**

Support fire alarm linkage, and docking with the fire center, realize that in an emergency, the designated alarm area will give priority to playing the alarm sound. It is simple to set up, powerful, and meets the national fire alarm acceptance requirements

● **Remote paging broadcast**

through the network broadcast remote paging station or mobile terminal software , can realize the whole area, district or designated terminal broadcast or intercom.

● **Emergency broadcast**

Support fire alarm linkage, and docking with the fire center, realize that in an emergency, the designated alarm area will give priority to playing the alarm sound. It is simple to set up, powerful, and meets the national fire alarm acceptance requirements. Remote paging broadcast through the network broadcast remote paging station or mobile terminal software , can realize the whole area, district or designated terminal broadcast or intercom.

● **Voice intercom**

Through the network intercom terminal, you can connect to the designated intercom terminal for two-way intercom by one-key or dial-up call, and realize emergency call or business consultation

● **Text broadcast**

The system is equipped with a leading text-to-speech module, which has the characteristics of good sound quality, humanized voice and non-rigid. The user only needs to input the text in the task box to convert it into audio and transmit it to the designated area

● **Remote control**

The computer installs the network broadcast sub-control software to realize the control of the whole system broadcast task in the local area network or the wide area network.

● **Support mobile phone control**

After the mobile phone is installed with the APP , it can be authorized to perform functional operations on the entire area, partition or designated terminal. It has the functions of real-time file playback, real-time speech, timing tasks, program management, playback control, and terminal status viewing.

● **Support SMS access function**

Send a short message to the short message module through the mobile phone; after the short message module receives the short message, the system converts it into a voice file and broadcasts it to the designated terminal; the set terminal triggers the system alarm, and the alarm task presets the corresponding information and sends it to the designated mobile phone via the short message module. It is mainly applied in reservoirs, power stations, mines, schools, sports venues and other places.

● **Support phone access function**

With the network broadcast telephone transfer terminal, it can realize PSTN, SIP, MGCP telephone access, and realize the function of district or whole district telephone broadcasting.

● **Environmental monitoring function**

It can monitor and record the surrounding environment of the terminal to meet the requirements of teaching evaluation and system failure detection

● **Multiple backup function**

Supports server hot backup. After the system builds a backup server, when the main server fails, the backup server is automatically activated without affecting the normal operation of the system. Supports constant voltage backup function, which can be connected with traditional broadcast constant voltage signals to form a dual backup broadcast system. When the network fails, the system automatically switches to traditional broadcast signals to meet school exams and other important occasions.

# Network Broadcast Control Software

**GX-PB8100S-K/GX-PB8100F-K**
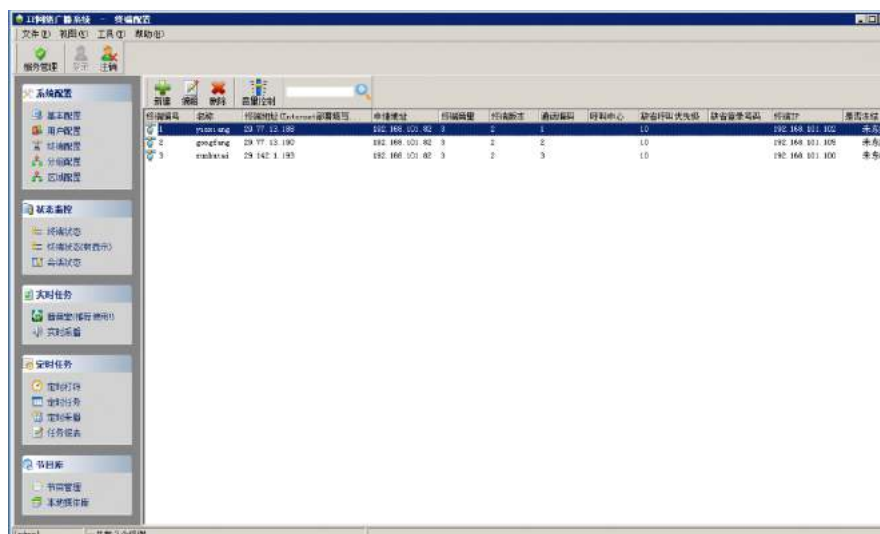


## Features

■ Adopt C/S architecture to have a stable operating experience, and support to build systems in LAN and WAN environments

■ With background broadcast, emergency broadcast, remote paging broadcast, voice intercom, text broadcast, on-site monitoring, remote sub-control, multiple backup functions, support SMS access, phone access, mobile phone control.

■ It has the function of program source management, providing all terminals with timed playback or real-time on-demand services, and two-way terminals can arbitrarily request program library resources

■ The program source supports the collection of analog audio sources (microphone, CD, tuner, etc.) and audio digital files, and the number of program sources is not limited

■ Support 320kbps high-quality audio file playback, the system has better sound quality, and has the function of volume analysis and gain adjustment, which can quickly adjust the playback volume of the audio source file to be consistent.

■ Support timed tasks, can write timed tasks according to the schedule of work and rest, realize timed ringing and play music, and the number of timed tasks is not limited.

■ Timed tasks support power management functions. Devices with controlled power output, such as network broadcast audio collectors and network broadcast audio decoders, can be set to provide regular power supply, which is intelligent and environmentally friendly.

■ Support text broadcast function, text content can be input through SMS (collocation) network or server, the system can convert text content into voice and broadcast to designated terminal

■ It supports the rebroadcasting of Internet radio stations, which can convert Internet Internet radio programs into Internet broadcasting system audio sources and send them to designated broadcasting terminals for playback

■ Customized grouping operations can be performed on all partitions, to achieve broadcast and volume adjustment operations for any single point, grouping, partition or all areas.

■ remote control to control the broadcast of the flag raising, sports meeting and other activities that require programs on the playground rostrum.

■ It supports remote paging broadcast. The remote paging station or mobile phone terminal software can be broadcast through the network, which can realize the broadcast or intercom of the whole area, zone or designated terminal.

■ Remote sub-control function: the computer installs the network broadcast sub-control software to control the entire system playback task in the local area network or wide area network. So as to realize that the leader can remotely control the whole district,Partition, group speech.

■ It supports the environmental monitoring function, which can monitor and record the surrounding environment of the terminal to meet the requirements of teaching evaluation and system failure detection.

■ Real-time monitoring of the status of all terminals and monitoring of all playback status or on-demand status

■ Support fire alarm linkage, and dock with the fire center, so that in emergency situations, the designated alarm area will give priority to playing the alarm sound.

■ Support the hosting function, the intercom terminal can be set up for real-time and timed hosting, and transfer the call of the terminal to other terminals, which is convenient for on-duty management

■ Support mobile phone WIFI control, authorized mobile phone can realize the whole area, partition, point-to-point playback control, real-time speech timing task management, program management, system status viewing and other operations

■ Support wireless remote control function, you can use the remote wireless ■ With the network broadcasting telephone transfer terminal, it can realize PSTN, SIP, MGCP telephone access, and realize the telephone broadcasting function of the district or the whole district

■ Supports offline playback of timing tasks, the terminal is equipped with offline storage modules, and the terminal can also play timing tasks when there is no network

■ With dual server hot stand-by function, backup servers can be deployed in the same local area network. When the main server of the system fails, it can automatically switch to the backup server for operation

■ It supports the constant voltage backup function, which can be connected with traditional broadcast constant voltage signals to form a double backup broadcast system. When the network fails, the system automatically switches to the traditional broadcast signal to meet school exams,and other important occasions

■ Support system backup function, you can turn off the set broadcast data and backup it into a file. When the system is reinstalled, the broadcast data can be quickly restored

■ Support log query function, which can realize information query such as intercom, paging, emergency call, environmental monitoring, user operation, system operation, etc.

■ Support network upgrade function, remote upgrade and maintenance of online terminal.

■ Support third-party platform interface development, provide standard SDK package, and realize docking with other system platforms

# Network Broadcast Control Software

**GX-PB8100A-K**
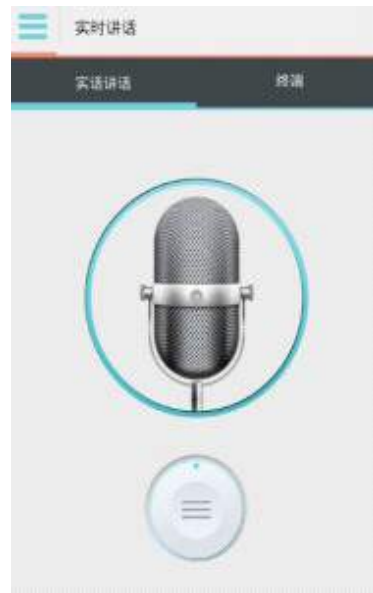


## Features

■ Support WIFI access, you can access the broadcasting system through mobile phone, tablet WiFi, and the connection is simple.

■ Support program on-demand, music on the server can be ordered to any one or more terminals within the authority to play.

■ It supports remote paging and can broadcast speech to the terminals within the authority.

■ Support file upload, you can upload the music on the mobile phone to the server, and on-demand designated terminals within the authority.

■ Support timing task management, Pad version software supports timing task management

■ Support user authority management, each user authority can be set through the network broadcast control software, and the user can control after logging in system designated terminal. Support multiple users to log in at the same time, high-privileged users interrupt the tasks of low-privileged users.

■ Support real-time viewing of terminal status, real-time viewing of the playback status and connection status of terminals within the authority, which is convenient for management.

# IP Server

GX-PB8101A-K



GX-PB8101A-K

## Features

■ Industrial-grade server, built-in SSD solid state drive, has super fast system startup speed, and the system is stable and reliable.

■ Rack-mounted chassis body design, using high-strength aluminum alloy panel, high-quality unpolished galvanized steel plate, can resist 4KV strong electromagnetic interference, dust and impact resistance.

■ Using a 17-inch industrial-grade FHD high-definition touch screen, the control interface is intuitive and easy to understand, and the touch is sensitive.

■ It is equipped with a hidden push-pull keyboard and touchpad, which can be operated without an external keyboard and mouse.

■ High performance, low power consumption, 7*24 hours working design, suitable for long-term stable operation under low temperature and high temperature environment.

■ With USB, COM, VGA, DVI, PCIE interfaces, it is convenient to expand the input and output.

■ With MIC_IN and LINE_IN interfaces, it supports to collect and broadcast external audio sources to the desired terminal for playback at any time

■ Built-in network broadcasting service software to configure, manage, maintain and monitor the status of terminal equipment.

## Technical Parameters

| | |
|---|---|
| Model | GX-PB8101A-K |
| Configuration | I3 CPU, 4GB memory, 128G SSD hard disk |
| Display | 17.3 inches, 1920*1080dpi, 300cd/㎡ |
| Software operating platform | Windows 7 trial version |
| Serial port | RS232*5, RS485*1 |
| USB interface | USB3.0*4, USB3.0*2 |
| Display interface | VGA*1, DVI*1 |
| Audio interface | MIC_IN*1, LINE_IN*1, LINE_OUT*1 |
| Network interface | LAN*2, support 10/100/1000Mbps |
| Others | PS/2*1, PCIEx16*1, PCIEx16*1, PCI*2 |
| Input power | AC100-220V 50/60Hz |
| Product size W*D*H | 485×303×354mm (without handle) |
| Product weight | 18.5Kg |
| Working temperature | -10℃~60℃ |
| Storage temperature | -20℃~70℃ |
| Working humidity | 5%~95% (non-condensing state) |
| Storage humidity | 5%~95% (non-condensing state) |

# Broadcast System Timer Module

GX-PB8101T-K

## Features

■ The module is built in the broadcast host to correct the time.

# Network Broadcast Remote Paging Station

**GX-PB8102A-K**



GX-PB8102A-K

## Features

- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can be reached, to achieve access and control of servers and other network equipment.
- Using 7-inch capacitive touch screen, user-friendly user interface, touch the buttons of the screen, you can realize the broadcast or intercom of the whole area, partition or designated terminal
- Equipped with gooseneck microphone, built-in 3W full-range speaker to support hands-free communication.
- With 3.5mm microphone interface, professional microphones can be connected
- With 1 line input, it can be connected to a local audio source, and the local audio source can be collected to a designated terminal or zone for playback
- With 1 USB, you can play MP3 files on the U disk to the designated terminal or partition.
- Support one local line output, and can expand the power amplifier.
- With audio output interface, with earphones or active speakers, local monitoring of server programs can be realized.
- It supports one-key calling of common areas and all areas, 30 common areas can be set according to requirements.
- Brings the electric ringtone prompt function, which can support one-key receiving help, intercom function, and quick connection
- APP sub-control software that supports mobile phones or tablets (wireless WIFI, can control on-demand, paging and other functions in real time)
- With user password and authority management.
- Support remote upgrade pushed by the server.
- Support Simplified Chinese and English language selection.

## Technical Parameters

| | | | |
|---|---|---|---|
| Model | GX-PB8102A-K | Power supply | DC12V/2A |
| Display | 7-inch LCD screen | Rated power | <3W |
| Audio format | Mp3 | Maximum power consumption | 20W |
| Audio bit rate | 8Kbps~320Kbps adaptive | Working temperature | 0℃~50℃ |
| Frequency response | 40Hz~20KHz (±3dB) | Product size | 250×150×56mm |
| Total harmonic distortion | (THD@1W): ≤1% | Product weight | 1.16Kg |
| Signal to noise ratio | >80dB | | |
| Sampling rate | 8K~48K | | |
| Input level | 400mV (standard 3.5mm audio interface) | | |
| Output level | 0.775V (standard 3.5mm audio interface) | | |
| Built-in speaker | 8Ω/5W | | |
| Transmission rate | 10/100Mbps | | |
| Support protocol | ARP, UDP, TCP/IP, ICMP, IGMP (multicast) | | |
| Network delay | ≤50ms | | |

# Network Broadcast Alarm Host

GX-PB8103A-K           GX-PB8103B-K

## Features

■ Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can be reached, to achieve access and control of servers and other network equipment.

■ The panel is equipped with 16 level indicator lights to display the working status, and supports 16 channels of fire alarm signal access. The access mode can be set to short circuit, 12V-24V signal.

■ It has 4 short-circuit outputs, which can be connected to door locks or warning lights to realize joint control GX-PB8103A-K

■ It supports the expansion connection of multiple alarm hosts to realize arbitrary expansion of the control area.

■ The alarm area can be limited to the accident area or extended to several neighboring areas, which is determined by the server's pre-programming.

■ The alarm sound is stored on the server, no external alarm sound source is required, and the alarm playback sound can be customized through the management software.

■ It has long-term, continuous, stable, efficient and reliable operating performance.

■ The chassis adopts the international 2U rack-mounted sheet metal standard chassis structure, beautiful in appearance, aluminum alloy panel, beautiful and practical

## Technical Parameters

| Model | GX-PB8103A-K | GX-PB8103B-K |
|---|---|---|
| Alarm input interface | 16 channels | 32 channels |
| Alarm signal type | 0V, 12V, 24V | |
| Network interface | RJ45*1 | RJ45*2 |
| Short circuit output | 4 channels | / |
| Power supply | AC220V±10% 50Hz | |
| Power consumption | 20W | |
| Product size | 485×340×88mm | |
| Product weight | 6Kg | |
| Environmental humidity | 20%-80% relative humidity, no frost | |

# Network Broadcast Audio Collection Terminal

GX-PB8104A-K

## Features

■ Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve server and other network equipment access and control

■ With 4.3-inch color display and one-key shuttle function, the interface is clear and easy to operate

■ Built-in audio collection module, with 8K~48K sampling rate, with high-quality sound collection effect,the analog stereo sound source can be converted into a network audio signal

- With FM radio module, U disk player module, no need to connect DVD, tuner and other audio source equipment, also realize real-time sound collection
- With 4 audio line inputs and 2 microphone inputs, the volume of each channel is independently controlled
- With 5 controllable power interfaces, each power supply can be turned on and off automatically or manually.
- The system can be set to supply power regularly, intelligent environmental protection and saving
- With 10 programmable buttons, button tasks can be set freely
- With wireless remote control, it supports remote control terminal playback
- Rack-mounted 2U standard chassis design, aluminum alloy panel, beautiful and practical

## Technical Parameters

| Model | GX-PB8104A-K |
|---|---|
| Display | 4.3-inch color display |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | AUX_IN*4, MIC_IN*2 |
| Memory interface | USB (U disk)*1, SD (U disk)*1 |
| Controllable power output | 5 channels |
| Other interfaces | USB (extended Bluetooth)*1, FM antenna*1, remote control antenna*1 |
| Support protocol | TCP/IP, UDP, IGMP (multicast) |
| Frequency response | 20Hz~20KHz |
| Harmonic distortion | THD≤0.1% |
| Sampling rate | 8K~48K |
| UX sensitivity | 0dB |
| Power supply | AC220V±10% 50Hz |
| Power consumption | 20W |
| Standby power consumption | <3W |
| Product size | 485×340×88mm |
| Product weight | 5.1Kg |
| Working temperature | 5℃~40℃ |
| Environmental humidity | 20%~80% relative humidity |

# Remote Control

**GX-PB8104R-K**

### Features

- Use with the network broadcast audio collector GX-PB8104A-K to realize remote control
- Simple and generous appearance, user-friendly operation mode
- Super strong remote control distance—more than 500 meters (barrier-free)
- With 12 shortcut keys, the key function can be customized through software
- The task key can realize any music playback or real-time call at any time, any number of terminals, and any volume
- The function keys can realize pause/resume, stop, previous song, next song, volume up, and volume down operations for the current task
- 10 levels of user priority can be preset
- 1000 levels of operational task priority can be preset

## Technical Parameters

| Model | GX-PB8104R-K |
|---|---|
| Buttons | 12, the button function can be customized |
| Carrier frequency | 315Mhz |
| Input power | 9V alkaline battery |
| Power consumption | ≤5W |
| Product weight | 0.18Kg |
| Working temperature | −20℃~+60℃ |
| Working humidity | 10%~9% |

# Network Broadcast Audio Decoding Terminal

GX-PB8105A-K



## Features

■ Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve access and control of servers and other network equipment

■ With 4.3-inch color capacitive touch screen and one-key shuttle function, the interface is clear and easy to operate

■ Through the Android or IOS sub-control software, the on-demand and paging functions can be controlled in real time

■ The built-in independent audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, alarm signals, etc. from the server system

■ It has a USB interface, supports MP3 playback, and realizes local playback of audio

■ Support 8~768Kbps high bit rate format playback, with high fidelity sound effect

■ It has 1 line input and 1 microphone input, supports local audio source playback, and the microphone volume is independently adjustable

■ It has 1 line output to connect to the power amplifier for amplified sound output

■ With 1 custom short-circuit input, 1 short-circuit output

■ With 1 emergency output, with 24V strong cut function

■ With 2 controllable power interfaces, each power supply can be automatically or manually turned on and off, the system can be set to supply power at a fixed time, intelligent environmental protection and saving

■ An offline storage module can be selected, and it can also realize timing playback and timing ringing even when it is out of the network

■ An optional USB Bluetooth module can be used to push audio to the terminal for playback via mobile phone Bluetooth

■ Optional USB 2.4G wireless microphone module to meet the needs of local microphone amplification output

## Technical Parameters

| | |
|---|---|
| Device model | GX-PB8105A-K |
| Display size | 4.3 inch color capacitive touch screen |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface: | AUX_IN*1, MIC_IN*1, LINE_OUT*1 |
| Memory interface | USB (U disk)*1, maximum support 128G |
| Controllable power output | 2 channels, total power ≤2000W |
| Other interfaces | USB (extended Bluetooth)*1, USB (extended 2.4G wireless microphone)*1, short-circuit input*1, short-circuit output*1, fire short-circuit output*1, 24V strong cut power output*1 |
| Support protocol | TCP/IP, UD, IGMP |
| Audio format | Mp3 |
| Audio mode | 16-bit stereo CD sound quality |
| Bit rate | 8k~768Kbps |
| AUX sensitivity | -12dB |
| MIC sensitivity | -40dB |
| Frequency response | 20Hz~20KHz |
| Harmonic distortion | THD≤0.1% |
| Signal to noise ratio | ≥65dB |
| Short circuit input/output | 0V<5A |
| Power supply | AC220V±10% |
| Power consumption | 45W |
| Standby power consumption | <3W |
| Product size | 485×340×88mm |
| Product weight | 6.28Kg |
| Working temperature | 5℃~40℃ |
| Environmental humidity | 20%~80% relative humidity, no condensation |

# Network Broadcast Audio Decoding Terminal

**GX-PB8105C-K**

## Features

- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve access and control of servers and other network equipment

- Through the Android or IOS sub-control software, you can control the on-demand and paging functions in real time

- Built-in 4 independent audio decoding modules, supporting simultaneous conversion of 4 network audio signals into analog stereo signal output, each channel of audio does not interfere with each other, realizing the playback of background music, emergency paging, alarm signals from the server system, etc.

- The volume of 4 audio channels can be adjusted independently

- It has 4 line outputs, which are respectively connected to power amplifiers for amplified sound output.

- With 4 custom short-circuit inputs and 4 short-circuit outputs,

- With 4 controllable power ports, each power supply can be turned on and off automatically or manually, and the system can be set to supply power regularly, which is intelligent and environmentally friendly.

- Optional offline storage module, which can also realize timing play and timing ringing even if it is out of the network.

## Technical Parameters

| | |
|---|---|
| Model | GX-PB8105C-K |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | LINE_OUT*4 |
| Controllable power output | 4 channels, total power ≤2000W |
| Other interfaces | short-circuit input*4, short-circuit output*4 |
| Support protocol | TCP/IP, UD, IGMP |
| Audio format | Mp3 |
| Audio mode | 16-bit stereo CD sound quality |
| Bit rate | 8k~768Kbps |
| Frequency response | 20Hz~20KHz |
| Harmonic distortion | THD≤0.1% |
| Signal to noise ratio | ≥65dB |
| Short circuit input/output | 0V<5A |
| Power supply | AC220V±10% |
| Power consumption | 45W |
| Standby power consumption | <3W |
| Product size | 485×340×88mm |
| Product weight | 6.28Kg |
| Working temperature | 5℃~40℃ |
| Environmental humidity | 20%~80% relative humidity, no condensation |

# Network Broadcast Wall-mounted Terminal

**GX-PB8106A-K/GX-PB8106B-K/GX-PB8106C-K/GX-PB8106D-K**

GX-PB8106A-K/GX-PB8106B-K        GX-PB8106C-K/GX-PB8106D-K

## Features

- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve access and control of servers and other network equipment
- Through the Android or IOS sub-control software, you can control the on-demand and paging functions in real time;
- The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, and alarm signals from the server system.
- With a USB interface, it supports local playback of MP3 audio in USB
- Support 8~768Kbps high bit rate format playback, with high fidelity sound effect
- It has 1 line input, 1 microphone input, supports local audio source playback, and the microphone volume is independently adjustable.
- It has 1 line output to connect to the power amplifier for amplified sound output.
- With 1 custom short-circuit input and 1 short-circuit output.
- It has a 100V constant voltage input interface, supports constant voltage backup function, and can build a dual backup broadcast system to meet important occasions such as school exams.
- With custom selection of audio source priority, support for local priority, network priority, and mixed output options
- Built-in 2 * 20 W stereo power amplifier, which can be extended to connect to passive speakers
- An offline storage module can be selected, and it can also realize timing playback and timing ringing even when it is out of the network.
- It supports remote server management and remote upgrade, which is convenient for users to maintain.

## Technical Parameters

| Model | GX-PB8106A-K | GX-PB8106B-K | GX-PB8106C-K | GX-PB8106D-K |
|---|---|---|---|---|
| Network interface | RJ45*1, 100Mbps/10Mbps | | | |
| Audio interface | AUX_IN*1, MIC_IN*1, LINE_OUT*1 | | | |
| Constant voltage input interface | / | 100V | / | 100V |
| Memory interface | / | | USB*1, maximum support 128G | |
| Other interfaces | USB (extended Bluetooth)*1, USB (extended 2.4G wireless microphone)*1, short-circuit input*1, short-circuit output*1, fire-fighting short-circuit output*1, 24V strong cut power output*1 | | | |
| Support protocol | TCP/IP, UD, IGMP | | | |
| Audio format | MP3 | | | |
| Audio mode | 16-bit stereo CD sound quality | | | |
| Bit rate | 8k~768Kbps | | | |
| A U X sensitivity | -12dB | | | |
| MIC sensitivity | -10dB | | | |
| Short circuit input/output | 0 V | | | |
| Frequency response | 20Hz-20KHz | | | |
| Harmonic distortion | THD≤0.1% | | | |
| Signal to noise ratio | ≥70dB | | | |
| Output power | 2×20W | | | |
| Power consumption | <45W | | | |
| Protection circuitInput | overload, over temperature, short circuit protection | | | |
| Input power | DC24V | | | |
| Product size | 255×188×45 mm | | | |
| Product weight | 1.36Kg | 1.78Kg | 1.48Kg | 2.48Kg |
| Working temperature | 5℃~40℃ | | | |
| Environmental humidity | 20%~80% relative humidity | | | |

# Webcast on-demand Terminal

**GX-PB8107A-K**

## Features

■ Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve access and control of servers and other network equipment

■ With 5-inch color capacitive touch screen, the interface is clear and easy to operate

■ Through the Android or IOS sub-control software, the on-demand and paging functions can be controlled in real time;

■ The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, which can play background music, emergency paging, alarm signals, etc. from the server system.

■ With USB interface, it supports local playback of MP3 audio in USB

■ Support 8~768Kbps high bit rate format playback, with high fidelity sound effect

■ It has 1 line input to support local audio source playback

■ With 1 short-circuit input, you can customize playback tasks, such as welcome music, etc.

■ Built-in 2 * 20 W stereo power amplifier, which can be extended to connect to passive speakers

■ An offline storage module is optional, and it can also realize timing playback and timing ringing even when it is disconnected from the network

■ Optional USB Bluetooth module can be used to push audio to the terminal for playback via mobile phone Bluetooth.

■ Support remote server management and remote upgrade, which is convenient for users to maintain.

## Technical Parameters

| Model | GX-PB8107A-K |
|---|---|
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Memory interface | USB (U disk)*1, maximum support 128G |
| Other interfaces | USB (extended Bluetooth)*1, short-circuit input*1 |
| Support protocol | TCP/IP, UD, IGMP |
| Audio format | Mp3 |
| Audio mode | 16-bit stereo CD sound quality |
| Bit rate | 8k~768Kbps |
| Frequency response | 20Hz-20KHz |
| Harmonic distortion | THD≤0.1% |
| Signal to noise ratio | ≥70dB |
| Output power | 2×20W |
| Power consumption | <45W |
| Input power | DC24V |
| Product size | 172×50×86mm |
| Working temperature | 5℃~40℃ |
| Environmental humidity | 20%~80% relative humidity |

# Bluetooth Module

**GX-PB8109A-K**

## Features

■ Use with devices with a Bluetooth expansion interface

■ It supports pushing audio to the terminal for playback via mobile phone Bluetooth

■ USB standard 5V power supply

■ Bluetooth 4.0 technology

## Technical Parameters

| Model | GX-PB8109A-K |
|---|---|
| Interface | USB |
| Protocol | Bluetooth 4.0 |
| Voltage | 5V |
| Product size | 26×84×9mm |

# Offline Storage Module

**GX-PB8111A-K**

## Features

■ Use with equipment with offline storage module interface, and be fixedly installed inside the equipment before leaving the factory

■ Built-in 4G memory chip, supports timing tasks to be downloaded to the playback terminal and power amplifier

■ It supports playing timed tasks even when the network is disconnected

# Wireless Microphone Module

**GX-PB8110B-K**



## Features

- Use with network broadcast speaker products
- Adopt built-in electret pickup, design independent pickup cavity, can effectively suppress whistling, improve the pickup distance, while the acoustic sponge pad placed in the cavity, minimize noise and new noise elimination circuit design, can eliminate the switch-on impact sound
- Support the working frequency band of 1GHz
- Support long-distance transmission function: can be more than 3 0 meters in an open area within the stable transmission of audio data
- Support the same microphone can be used in any classroom, and do not interfere with each other, to truly achieve a division of a microphone
- Support UHF and infrared two frequency pairing mode: power on automatically search for clean channels and automatic pairing, to ensure that the product does not crosstalk, strong anti-interference and transmission stability; infrared frequency pairing to ensure the uniqueness of the paired equipment, to eliminate crosstalk
- Adopt 24kHz sampling rate to ensure the quality of the human voice, before and after transmission through unique technology to ensure that the received signal to maintain high fidelity effect
- Support volume adjustment function: the volume of the microphone can be adjusted, and has a memory function and a key mute function
- Support built-in microphone and external microphone
- Support laser pointer
- Support PPT page flip and one key black screen / recovery function, can be used with the projector or computer display explanation; PPT page flip module support hot-swappable, no need to install driver software, support the use of PPT page flip function without opening the host
- Support 3.5MM audio input and microphone input
- With OLED high-definition LCD display, support display signal strength, frequency mode, power (charging display), working channel, volume, PPT and other information
- Built-in rechargeable high-performance 3.7V polymer lithium battery with protection circuit, safe and reliable, MICROUSB interface charging, 2 hours full charge can last for ≥ 8 h
- Ergonomic pen-shaped microphone design, comfortable grip, key zoning design, simple operation; fashionable and beautiful appearance, the entire microphone (including the built-in microphone) weighs less than 40 grams, light weight, easy to hold; intelligent low energy consumption design, no signal input within 60 minutes of automatic shutdown, energy saving and environmental protection

## Technical Parameters

| Model | GX-PB8110B-K | | |
|---|---|---|---|
| Composition | Transmitter | Audio Receiver Module | USB Receiver |
| Voltage | 5V | | |
| Current | 35mA | 30mA | 25mA |
| Sampling accuracy | 16Bit | | |
| Sampling rate | 24kHz | | |
| Frequency response | 20Hz~12kHz@±1.5dB | | |
| Dynamic range | 85dB | | |
| Distortion | 0.1% | | |
| Signal to Noise Ratio | 85dB | | |
| System delay | 10ms | | |
| Full-amplitude input | 169mVrms | | |
| Full-amplitude output | 715mVrms | | |
| Input/output gain | 14.6:1 | | |
| Frequency range | 1GHz | | |
| Frequency selection method | Automatic option | | |
| Data rate | 2Mbps | | |
| Transmit power | >10dBm | | |
| Maximum working distance | Indoor>30m | | |
| Charging | 5V-800mA~2A Power adapter | | |
| Net weight | 40g | | |
| Product Size | Φ146.5×19.8mm | Φ39×22mm | Φ44×18mm |
| Working temperature | 5℃~40℃ | | |
| Working humidity | 20%~80%Relative humidity, no condensation | | |
| Storage temperature | 20~30℃ | | |
| Storage humidity | 25%~50% | | |

# Wireless Microphone Module

GX-PB8110C-K

## Features

- Use with network broadcast speaker products
- Adopt the new noise elimination circuit design, can eliminate the switching impact sound and intelligent low energy consumption design, no signal input within 60 minutes of automatic shutdown, energy saving and environmental protection
- Support the working frequency band of 1GHz
- Support long-distance transmission function: stable transmission of audio data within an open area of more than 20 meters
- Support the same microphone can be used in any classroom, and do not interfere with each other, to truly achieve a teacher a microphone
- Support UHF, UL, infrared three kinds of frequency pairing: power on automatically search for clean channels and automatic pairing, to ensure that the product does not crosstalk, strong anti-interference and transmission stability; infrared frequency pairing to ensure the uniqueness of the paired equipment, to eliminate crosstalk
- Adopt 24kHz sampling rate to ensure the quality of the human voice, before and after transmission through unique technology to ensure that the received signal to maintain high fidelity effect
- Support volume adjustment function: the volume of the microphone can be adjusted, and has a memory function and a key mute function
- Support PPT page flip and one key black screen / recovery function, can be used with the projector or computer display explanation; PPT page flip module support hot-swappable, no need to install driver software, support the use of PPT page flip function without opening the host
- Built-in rechargeable high-performance 3.7V polymer lithium battery, with protection circuit, safe and reliable, MICROUSB interface charging, 2 hours of full power can last ≥ 6h
- Fashionable and beautiful appearance, the entire microphone (including built-in wheat) weighs less than 15 grams for convenient ear hanging

## Technical Parameters

| Model | GX-PB8110C-K | | |
|---|---|---|---|
| Composition | Transmitter | Audio Receiver Module | USB Receiver |
| Voltage | 3.7V | 5V | 5V |
| Current | 17mA | 30mA | 25mA |
| Sampling Accuracy | 16Bit | | |
| Sampling Rate | 24kHz | | |
| Frequency Response | 100Hz~12kHz@±3dB | | |
| Dynamic Range | 76dB | | |
| Distortion | <0.1% @94dBSPL,1kHz | | |
| Signal to Noise Ratio | 76dB | | |
| System Delay | 10ms | | |
| Full-amplitude input | 106mVrms | | |
| Full-amplitude output | 525mVrms | | |
| Frequency range | 1GHz | | |
| Frequency selection method | Key combination for switching | | |
| Data rate | 2Mbps | | |
| Transmit power | >10dBm | | |
| Maximum working distance | Indoor >20m | | |
| Charging | 5V-800mA~2A Power adapter | | |
| Net weight | 0.015g | | |
| Operating temperature | 5℃~40℃ | | |
| Working Humidity | 20%~80% Relative humidity, no condensation | | |
| Storage Temperature | 20~30℃ | | |
| Storage Humidity | 25%~50% | | |

# Internet Radio Amplifier

## Features

- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can be reached, to achieve access and control of servers and other network equipment.
- With 4.3-inch color capacitive touch screen, the interface is clear and easy to operate.
- Through Android or IOS sub-control software, you can control on-demand and paging functions in real time.
- Built-in 1 channel audio decoding module, supporting network audio signal conversion into analog stereo signal output, realizing playing background music, emergency paging, alarm signal, etc. from the server system.
- With USB interface, it supports local playback of MP3 audio in USB.
- Support 8~768Kbps high bit rate format playback, with high fidelity sound effects.
- It has 1 stereo line input and 1 microphone input, supports local audio source playback, and the microphone volume is independently adjustable.
- It has 2 mono line output, which can be extended to connect the power amplifier output.
- It has 2 sets of 100V constant voltage output, connected to constant voltage broadcast speakers, which can meet the requirements of different occasions.
- With 1 short circuit output, when there is a task, the short circuit triggers the work.
- With 1 emergency output, with 24V strong cut function.
- It has a 220V5A intelligent control power interface, which can be turned on and off automatically or manually. The system can be set to supply power regularly, which is intelligent and environmentally friendly.
- With output short-circuit protection, output limiting protection, overload protection, overheating protection and other protective measures to ensure the safe use of power amplifiers and speakers.
- With indicator lights such as power indicator, signal indicator, peak clipping indicator, protection indicator, etc., the status of the power amplifier is clear at a glance.
- It has the characteristics of high efficiency and energy saving, light weight, small size, high power and strong load capacity.
- An offline storage module is optional, and it can also realize timing playback and timing ringing even when it is disconnected from the network.
- An optional USB Bluetooth module can be used to push audio to the terminal for playback via mobile phone Bluetooth.
- Optional USB 2.4G wireless microphone module to meet the needs of local microphone amplification output.
- Support remote server management and remote upgrade, which is convenient for users to maintain.

## Technical Parameters

| | |
|---|---|
| Model | GX-PA4001/GX-PA4002/GX-PA4003/GX-PA4004/GX-PA4005/GX-PA4006/ GX-PA4007/GX-PA4008/GX-PA4009/GX-PA4010/GX-PA4011 |
| Output power | 60W/120W/240W/360W/500W/600W/800W/1000W/1200W/1500W/2100W |
| Constant voltage output | 100V ± 5% |
| Display size | 4.3 inch capacitive touch screen |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | AUX_IN*1, MIC_IN*1, LINE_OUT*2 |
| Memory interface | USB (U disk)*1, maximum support 128G |
| Other interfaces | USB (extension 2.4G wireless microphone)*1, short-circuit output*1, short-circuit input*1, emergency output*1, 24V forced cut power output*1, |
| Support protocol | AC220V 5A OUT*1TCP/IP, UD, IGMP |
| Audio format | Mp3 |
| Audio mode | 16-bit stereo CD sound quality |
| Bit rate | 8k~768Kbps |
| AUX sensitivity | -12dB |
| MIC sensitivity | -40dB |
| Frequency response | 20Hz~20KHz |
| Harmonic distortion | THD≤0.1% |
| Signal to noise ratio | ≥70dB |
| Short circuit output | 0V<5A |
| Protection circuit | overload, over temperature, short circuit protection, DC protection |
| Power supply | AC220V ± 10% /50Hz |
| Standby power consumption | <3W |
| Product size | 485 × 410 × 90mm |
| Product weight | 8.48Kg/8.48Kg/8.48Kg/8.48Kg/8.5Kg/8.5Kg/8.5Kg/9.5Kg/9.5Kg/9.5Kg/9.5Kg |
| Working temperature | -5℃~60℃ |
| Environmental humidity | 20%~80% relative humidity |

# Internet Radio Amplifier

**GX-PA4012/GX-PA4013/GX-PA4014/GX-PA4015/**
**GX-PA4016/GX-PA4017/GX-PA4018**

## Features

- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve access and control of servers and other network equipment
- Through the Android or IOS sub-control software, you can control the on-demand and paging functions in real time
- Built-in 4-channel switch encoding and decoding function
- Built-in 4-channel audio decoding module, which supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, alarm signals, etc. from the server system
- It has 1 stereo line input, supports local audio source playback, and the microphone volume is independently adjustable
- With 2-channel mono line output, extended connection power amplifier output
- With 2 sets of 100V constant voltage output, connected to constant voltage broadcast speakers, which can meet the requirements of different occasions
- With 1 short circuit output, when there is a task, the short circuit triggers the work
- With 1 emergency output, with 24V strong cut function
- The 4-channel emergency output free switching function, when there is a task, the emergency output can be linked to other equipment
- It has a 220V5A intelligent control power interface, which can be turned on and off automatically or manually. The system can be set to supply power regularly, which is intelligent and environmentally friendly
- With output short-circuit protection, output limiting protection, overload protection, overheating protection and other protective measures to ensure the safe use of power amplifiers and speakers
- With power indicator, signal indicator, peak clipping indicator, protection indicator
- With indicator lights such as signal indication and network indication function, the status of the power amplifier is clear at a glance
- It has the characteristics of high efficiency and energy saving, light weight, small size, high power, strong load capacity, etc
- An offline storage module is optional, and it can also realize timing playback and timing ringing even when it is disconnected from the network
- An optional USB Bluetooth module can be used to push audio to the terminal for playback via mobile phone Bluetooth
- Optional USB 2.4G wireless microphone module to meet the needs of local microphone amplification output
- Support remote server management and remote upgrade, which is convenient for users to maintain

## Technical Parameters

| | |
|---|---|
| Model | GX-PA4012/GX-PA4013/GX-PA4014/GX-PA4015/ GX-PA4016/GX-PA4017/GX-PA4018 |
| Output power | 4×60W/4×120W/4×240W/4×360W/4×500W/ 4×600W/4×800W |
| Constant voltage output | 100V±5% |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | AUX_IN*1, MIC_IN*1, LINE_OUT*2 |
| Memory interface | USB (U disk)*1, maximum support 128G |
| Other interfaces | USB (extension 2.4G wireless microphone)*1, short-circuit output*1, 24V strong cut power output*1, AC220V 5A OUT*1 |
| Support protocol | TCP/IP, UD, IGMP |
| Audio format | Mp3 |
| Audio mode | 16-bit stereo CD sound quality |
| Bit rate | 8k~768Kbps |
| AUX sensitivity | 0dB |
| MIC sensitivity | -40dB |
| Frequency response | 20Hz~20KHz |
| Harmonic distortion | THD ≤ 1% (1/4 rated power) |
| Signal to noise ratio | ≥85dB |
| Short circuit output | 0V<5A |
| Protection circuit | overload, over temperature, short circuit protection |
| Power supply | AC220V±10% |
| Standby power consumption | <3W |
| Product size | 485×410×90mm |
| Product weight | 11.2Kg/11.2Kg/11.2Kg/11.2Kg/11.5Kg/11.5Kg/11.5Kg |
| Working temperature | -10~60 degrees |
| Environmental humidity | 20%~80% relative humidity |

# Internet Radio Sound Column

GX-SP8021A-K/GX-SP8041A-K
GX-SP8021B-K/GX-SP8041B-K

GX-SP8021A-K
GX-SP8021B-K

GX-SP8041A-K
GX-SP8041B-K

## Features

■ The cabinet is made of thick aluminum alloy material, and the pure aluminum surface net is hardened and anti-oxidation treatment, which is durable and beautiful.
■ Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve access and control of servers and other network equipment
■ The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, and alarm signals from the server system.
■ With 1 custom short circuit input.
■ It has 1 line input and supports local audio source playback.
■ Support 8~768Kbps high bit rate format playback, with high fidelity sound effect
■ GX-SP8021B-K, GX-SP8041B-K support PoE power supply, and can use Gigabit IEEE802.3bt PoE standard switch to supply power through Category 6 network cable, the line length is less than 80 meters
■ Standard power adapter, support DC24V independent power supply
■ An offline storage module is optional, and it can also realize timing playback and timing ringing even when it is disconnected from the network
■ It supports remote server management and remote upgrade, which is convenient for users to maintain.

## Technical Parameters

| Model | GX-SP8021A-K | GX-SP8041A-K | GX-SP8021B-K | GX-SP8041B-K |
|---|---|---|---|---|
| Unit | 4" unit*2 | 4" unit*4 | 4" unit*2 | 4" unit*4 |
| Power output | 20W | 40W | 20W | 40W |
| Network interface | RJ45*1,100Mbps/10Mbps | | | |
| Bit rate | 8k~768Kbps | | | |
| Sampling rate | 8K~48K | | | |
| Frequency response | 80Hz—16KHz | | | |
| Harmonic distortion | THD≤0.1% | | | |
| Signal to noise ratio | ≥70dB | | | |
| Power supply | DC24V 2A | | DC24V,POE(IEEE802.3bt) | |
| Product size | 380x150x105mm | 505x150x105mm | 380x150x105mm | 505x150x105mm |
| Product weight | 1.97Kg | 2.73Kg | 2Kg | 2.75Kg |
| Working temperature | −5 ~60 | | | |
| Environmental humidity | 20%~80% relative humidity | | | |
| Waterproof grade | IP66 | | | |

# Internet Radio Sound Column

**GX-SP8022A-K/GX-SP8042A-K**
**GX-SP8062A-K/GX-SP8082A-K**

**GX-SP8022A-K**          **GX-SP8042A-K**          **GX-SP8062A-K**          **GX-SP8082A-K**

## Features

■ The cabinet is made of thick aluminum alloy material, and the pure aluminum surface net is hardened and anti-oxidation treatment, which is durable and beautiful
■ Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve access and control of servers and other network equipment
■ The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, and alarm signals from the server system
■ Support 8~768Kbps high bit rate format playback, with high fidelity sound effect
■ Use super-6 network cable transmission, the distance can be as far as 80 meters
■ Standard power adapter, support DC24V independent power supply
■ Optional offline storage module, can also realize timing play and timing ringing even when disconnected from the network
■ It supports remote server management and remote upgrade, which is convenient for users to maintain

| Model | GX-SP8022A-K | GX-SP8042A-K | GX-SP8062A-K | GX-SP8082A-K |
|---|---|---|---|---|
| Unit | 5"full frequency*1, 1.5"treble*1 | 5"full frequency*2, 1.5"treble*1 | 5"full frequency*3, 1.5"treble*1 | 5"full frequency*4, 1.5"treble*1 |
| Power output | 20W | 40W | 60W | 80W |
| Network interface | RJ45*1, 100Mbps/10Mbps | | | |
| Bit rate | 8k~768Kbps | | | |
| Sampling rate | 8K~48K | | | |
| Frequency response | 80Hz—16KHz | | | |
| Harmonic distortion | THD≤0.1% | | | |
| Signal to noise ratio | ≥70dB | | | |
| Input Power | AC220 V | | | |
| Protection circuit | overload, over temperature, short circuit protection | | | |
| Product size | 520x227x125mm | 520x227x125mm | 920x227x125mm | 1120x227x125mm |
| Working temperature | -5℃~60℃ | | | |
| Environmental humidity | 20%~80% relative humidity | | | |
| Waterproof grade | IP66 | | | |

# Internet radio speakers

**GX-SP8025B-K/GX-SP8025C-K**
**GX-SP8025D-K/GX-SP8025E-K**

## Features

- The cabinet is made of thick fireproof ABS material, and the pure aluminum surface net is hardened and anti-oxidation treatment, which is durable and beautiful.
- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can be reached, to achieve access and control of servers and other network equipment
- Through the Android or IOS sub-control software, the on-demand and paging functions can be controlled in real time;
- The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, alarm signals, etc. from the server system.
- Use super-6 network cable transmission, the distance can be as far as 80 meters
- Standard power adapter, support DC24V independent power supply
- GX-SP8025D-K, GX-SP8025E-K support IEEE802.3bt PoE standard Ethernet switch power supply
- Support 8~768Kbps high bit rate format playback, with high fidelity sound effect
- It has 1 line input, 1 microphone input, supports local audio source playback, and the microphone volume is independently adjustable.
- It has 1 line output to connect to the power amplifier for amplified sound output.
- With 1 custom short-circuit input and 1 short-circuit output.
- Built-in 2 * 2 5 W stereo power amplifier, which can be used with 1 passive speaker
- It has a 100V constant voltage input interface, supports constant voltage backup function, and can build a dual backup broadcast system to meet important occasions such as school exams.
- With custom selection of audio source priority, support for local priority, network priority, and mixing output options
- An offline storage module can be selected, and it can also realize timing playback and timing ringing even when it is out of the network.
- An optional USB Bluetooth module can be used to push audio to the terminal for playback via mobile phone Bluetooth.
- Optional USB 2.4G wireless microphone module to meet the needs of local microphone amplification output.
- Support environmental monitoring function.
- Support remote server management and remote upgrade, which is convenient for users to maintain.
- The sound is clear and bright, wall-mounted installation, simple and convenient;
- Applicable to indoor places such as classrooms, shopping malls, corridors, etc.
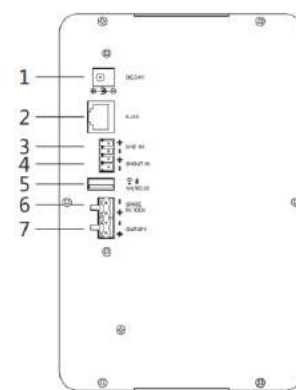
**GX-SP8022B-K**

## Technical Parameters

| Model | GX-SP8025B-K | GX-SP8025C-K | GX-SP8025D-K | GX-SP8025E-K |
|---|---|---|---|---|
| Color | White | White | White | White |
| Unit | 6"full frequency*1, 1.5"high pitch*1 | | | |
| Network interface | RJ45*1, 100Mbps/10Mbps | | | |
| Audio interface | AUX_IN*1, MIC_IN*1, LINE_OUT*1, SPK_OUT*1 | | | |
| Constant pressure input interface | \ | \ | 100V | 100V |
| Other interfaces | USB (extended Bluetooth)*1, USB (extended 2.4G wireless microphone)*1, short-circuit input*1, short-circuit output*1 | | | |
| Support protocol | TCP/IP, UDP, IGMP | | | |
| Audio format | MP3 | | | |
| Audio mode | 16-bit stereo CD sound quality | | | |
| Bit rate | 8k~768Kbps | | | |
| AUX sensitivity | -12dB | | | |
| Short circuit input | 0 V | | | |
| Frequency response | 20Hz-20KHz | | | |
| Harmonic distortion | THD≤0.1% | | | |
| Signal to noise ratio | ≥80dB | | | |
| Output power | 2×20W | | | |
| Power consumption | <45W | | | |
| Protection circuit | overload, over temperature, short circuit protection | | | |
| Input power | DC24V | | DC24V,POE(IEEE802.3bt) | |
| Product size | 280*150*190mm | | | |
| Product weight | 2.16KG | 2.55KG | 2.18KG | 2.58KG |
| Working temperature | 5℃~40℃ | | | |
| Environmental humidity | 20%~80% relative humidity | | | |

# Internet Radio Speakers

**GX-SP8025A-K**

## Features

- With SPK_IN interface, connect to SPK_OUT of GX-SP8025B-K, GX-SP8025C-K, GX-SP8025D-K, GX-SP8025E-K speakers
- The cabinet is made of wooden material, which is durable and beautiful
- The sound is clear and bright, wall-mounted installation, simple and convenient
- Suitable for indoor places such as classrooms, shopping malls, corridors, etc.

## Technical Parameters

| Model | GX-SP8025A-K |
|---|---|
| Color | White |
| Unit | 4.5" Coaxial Unit×1 |
| Unit power | 20W |
| Audio interface | SPK_IN*1 |
| Frequency response | 20Hz~18KHz |
| Product size | 280*150*190mm |
| Product weight | 2Kg |
| Working temperature | 5℃~40℃ |
| Environmental humidity | 20%~80% relative humidity |
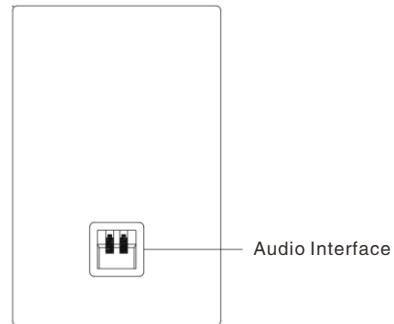
Audio Interface

# Internet radio speakers

**GX-SP8027A-K**

1. 24V DC power input, switching power supply
2. Power amplifier output interface, which can be connected to another speaker
3. Short circuit output
4. Audio input interface, which can be connected to MP3\DVD audio input
5. Audio output interface, which can be connected to power amplifier equipment
6. Network interface
7. Bluetooth interface

## Features

- Using a 5-inch coaxial full-frequency unit, the sound is clear and loud.
- Ultra-narrow side and carbon alloy fine-hole aluminum mesh design, wide sound diffusion angle, stylish appearance.
- Equipped with a rear cover to achieve stronger low-frequency sound effects.
- Powerful movable clamp design, easy to install, durable and reliable.
- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can be reached, to achieve access and control of servers and other network equipment
- It has 1 line input and supports local audio source playback.
- It has 1 channel of 20W speaker output, which can be extended to connect a 20W constant impedance speaker to realize power expansion
- With 1 short circuit input.
- The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, alarm signals, etc. from the server system.
- Support 8~768Kbps high bit rate format playback, with high fidelity sound effect
- Optional offline storage module, it can also realize timing play and timing ringing when disconnected from the network
- Support remote server management and remote upgrade, which is convenient for users to maintain.
- super-6 network cable transmission, the distance can be as far as 80 meters
- standard power adapter, support DC24V independent power supply

## Technical Parameters

| Model | GX-SP8027A-K |
|---|---|
| Power output | 20W |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | AUX_IN*1, LINE_OUT*1, SPK_OUT*1 |
| Other interfaces | short-circuit input *1 |
| Support protocol | ARP, UDP, TCP/IP, ICMP, IGMP (multicast) |
| Audio bit rate | 8Kbps~320Kbps adaptive |
| Frequency response | 20Hz~20KHz (±3dB) |
| Signal to noise ratio | ≥75dB |
| Total harmonic distortion | ≤1% |
| Power amplifier rated power | 2*20W |
| Maximum power consumption | 45W |
| Power supply | DC 24V/2A |
| Hole size | 170mm in diameter |
| Product size | diameter 200mm*100mm |
| Product weight | 1.53Kg |

# GONSIN

# Internet radio speakers

GX-SP8027B-K



1. 24V DC power input, switching power supply
2. Power amplifier output interface, which can be connected to another speaker
3. Short circuit output
4. Audio input interface, which can be connected to MP3\DVD audio input
5. Audio output interface, which can be connected to power amplifier equipment
6. Network interface
7. Bluetooth interface

## Features

- Use a 5-inch full-frequency unit, moderate volume, and support POE power supply.
- Ultra-narrow side and carbon alloy fine-hole aluminum mesh design, wide sound diffusion angle, stylish appearance.
- Equipped with a rear cover to achieve stronger low-frequency sound effects.
- Powerful movable clamp design, easy to install, durable and reliable.
- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can be reached, to achieve access and control of servers and other network equipment
- It has 1 line input and supports local audio source playback.
- It has 1 4W speaker output, which can be extended to connect a 4W fixed impedance speaker
- With 1 short circuit input.
- The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, alarm signals, etc. from the server system.
- Support 8~768Kbps high bit rate format playback, with high fidelity sound effect
- Adopt IEEE802.3af POE standard, support POE power supply
- Support remote server management and remote upgrade, which is convenient for users to maintain.
- super-6 network cable transmission, the distance can be as far as 80 meters
- standard power adapter, support DC24V independent power supply

## Technical Parameters

| Model | GX-SP8027B-K |
|---|---|
| Power output | 8W (no speaker output connected),4W (connected speaker output) |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | AUX_IN*1, LINE_OUT*1, SPK_OUT*1 |
| Other interfaces | short-circuit output *1 |
| Support protocol | ARP, UDP, TCP/IP, ICMP, IGMP (multicast) |
| Audio bit rate | 8Kbps~320Kbps adaptive |
| Frequency response | 20Hz~20KHz (±3dB) |
| Signal to noise ratio | ≥75dB |
| Total harmonic distortion | ≤0.3%(@1W) |
| Power amplifier rated power | 1*8W or 2*4W dual mode selection |
| POE standard | support IEEE802.3af |
| Power supply | DC 12V/1.5A or POE power supply |
| Hole size | diameter 160mm |
| Product size | diameter 200mm*100mm |
| Product weight | 0.9Kg |

# Internet radio horn speaker

GX-SP8028A-K/GX-SP8028B-K

## Features

§ Aluminum alloy material, beautiful and practical

§ A standard 10/100MRJ45 network interface supports LAN and WAN transmission

§ With 30W/50W integrated horn power amplifier

§ Using Category 6e network cable transmission, the distance can be as far as 80 meters

§ Standard power adapter, support DC24V independent power supply

§ Support mobile APP sub-control software such as Android phones, support WIFI real-time control on-demand, paging

§ Support server remote management, remote upgrade, easy to maintain

## Technical Parameters

| Model | GX-SP8028A-K | GX-SP8028B-K |
|---|---|---|
| Output Power | 30W | 50W |
| Input Power | DC24V | |
| Network Interface | 1*RJ45 | |
| Transmission Rate | 100Mbps/10Mbps | |
| Support Protocol | TCP/IP,UDP,IGMP(multicast) | |
| Audio Format | MP3 | |
| Audio Mode | 16-bit stereo CD sound quality | |
| Sample Rate | 8K~48K | |
| Bit Rate | 8K~768Kbps | |
| AUX Sensitivity | -12dB | |
| Microphone Sensitivity | -10dB | |
| Power consumption | ＜60W | |
| Frequency Response | 20Hz~20kHz | |
| Harmonic Distortion | THD≤0.1% | |
| Signal to Noise Ratio | ≥70dB | |
| Protection Circuit | Overload, over temperature, short circuit protection | |
| Operating Temperature | 5℃~40℃ | |
| Operating Humidity | 20%~80%relative humidity, no condensation | |
| Storage Temperature | 20~30℃ | |
| Storage Humidity | 25%~50% | |

# Internet Radio Intercom Terminal

GX-PB8221A-K/GX-PB8221B-K/GX-PB8221C-K

GX-PB8221A-K          GX-PB8221B-K          GX-PB8221C-K

## Features

- Use a 5-inch full-frequency unit, moderate volume, and support POE power supply.
- Ultra-narrow side and carbon alloy fine-hole aluminum mesh design, wide sound diffusion angle, stylish appearance.
- Equipped with a rear cover to achieve stronger low-frequency sound effects.
- Powerful movable clamp design, easy to install, durable and reliable.
- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can be reached, to achieve access and control of servers and other network equipment
- It has 1 line input and supports local audio source playback.
- It has 1 4W speaker output, which can be extended to connect a 4W fixed impedance speaker
- With 1 short circuit input.
- The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, alarm signals, etc. from the server system.
- Support 8~768Kbps high bit rate format playback, with high fidelity sound effect
- Adopt IEEE802.3af POE standard, support POE power supply
- Support remote server management and remote upgrade, which is convenient for users to maintain.
- Super-6 network cable transmission, the distance can be as far as 80 meters
- Standard power adapter, support DC24V independent power supply

## Technical Parameters

| Model | GX-PB8221A-K/GX-PB8221B-K/GX-PB8221C-K |
|---|---|
| Number of buttons | GX-PB8221A-K*1;GX-PB8221B-K*2;GX-PB8221C-K*16 |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | SPK_OUT(30W)*1, LINE_OUT*1, MIC_IN*1 |
| Other interfaces | short-circuit input*2, short-circuit output*2 |
| Support protocol | ARP, UDP, TCP/IP, ICMP, IGMP (multicast) |
| MIC sensitivity | 10mV/600Ω |
| Sampling rate | 8K~48KHz |
| Audio bit rate | 8Kbps~320Kbps adaptive |
| Frequency response | 20Hz~20KHz |
| Harmonic distortion | ≤0.1% |
| Signal to noise ratio | ≥80dB |
| Output power | 30W/8Ω |
| Input power | DC24V/2A |
| Power | Standby <1W, maximum working power <50W |
| Protection level | Ip65 |
| Product size | 194x108x57mm |
| Product weight | 1.3Kg |
| Working temperature | -20℃~+60℃ |
| Environmental humidity | 10%~90% RH (non-condensing) |

# Internet Radio Intercom Terminal

## GX-PB8222A-K

## Features

- ■ Wall-mounted and embedded metal shell structure, which can be widely used in highway tunnels for emergency help
- ■ Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can be reached, to achieve access and control of servers and other network equipment
- ■ The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, alarm signals, etc. from the server system.
- ■ With a help button, one-key connection to the designated intercom terminal for two-way intercom
- ■ With 1 RJ45 network port, 1 optical fiber interface, suitable for long-distance occasions
- ■ It has two 30W power amplifier output ports, which can be connected to 8 ohm 30W speakers for broadcast amplification
- ■ It has a 1-channel monitor microphone interface, which can monitor the environment in real time/timing by accessing the monitor microphone
- ■ With 1 short-circuit input and 1 short-circuit output interface, it supports linkage with other systems
- ■ It has 1 alarm light to realize the sound and light linkage alarm
- ■ It supports remote server management and remote upgrade, which is convenient for users to maintain.
- ■ It has a 24V active pickup connection port, which can be used for monitor input expansion
- ■ It has a mixed broadcast audio source output, which is used for broadcast amplification of an external power amplifier
- ■ Support remote server management and remote upgrade, which is convenient for users to maintain.
- ■ Super-6 network cable transmission, the distance can be as far as 80 meters
- ■ Standard power adapter, support AC100~265V independent power supply

## Technical Parameters

| Model | GX-PB8222A-K |
|---|---|
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | SPK_OUT(30W)*2 |
| Other interfaces | short-circuit input*1, short-circuit output*1 |
| Support protocol | ARP, UDP, TCP/IP, ICMP, IGMP (multicast) |
| Audio encoding | PCM/ADPCM/G711 |
| Recording sampling rate | 8K~48KHz |
| Play sampling rate | 8K~48KHz |
| Intercom sampling rate | 16KHz |
| Audio bit rate | 8k~320Kbps (intercom 64Kbps) |
| Frequency response | 200Hz~5000Hz (intercom), 100Hz~16KHz (broadcast) |
| Harmonic distortion | THD≤1% |
| Signal-to-noise ratio | >65dB (intercom), >80dB (broadcast) |
| Output power | 30W |
| Input power | AC100~265V |
| Protection level | Ip65 |
| Intercom delay | <100mS |
| Mean time between failures (MTBF) | ≥500,000 hours |
| Product size | 400*290*86mm(not counting the size of warning lights and waterproof connectors) |
| Product weight | 5.5Kg- |
| Working temperature | 40℃~70℃ |
| Storage temperature | -40~85℃ |
| Environmental humidity | 10~95% RH (non-condensing) |
| Storage humidity | 5~90% RH (non-condensing) |

# Internet Radio Intercom Terminal

GX-PB8224A-K

## Features

- Explosion-proof and fire-proof design, which can be widely used in dial-up intercom communication and emergency broadcasting in industrial and mining enterprises and in relatively harsh environments
- Based on TCP/IP, UDP, IGMP protocol, support LAN and WAN transmission, can be installed anywhere the network can reach, to achieve access and control of servers and other network equipment
- The built-in audio decoding module supports the conversion of network audio signals into analog stereo signal output, and realizes the playback of background music, emergency paging, and alarm signals from the server system.
- With 15 input buttons, which can be used for two-way intercom dialing and one-key help
- Built-in 5W speaker and high-sensitivity microphone, support two-way intercom with other intercom terminals
- With 1 short-circuit input and 1 short-circuit output interface, it supports linkage with other systems
- It has a 24V alarm lamp output interface, which can be connected to the alarm lamp to realize the sound and light linkage alarm
- It has a 30W power amplifier output port, which can be connected to 8 ohm 30W speakers for broadcast amplification
- Support remote server management and remote upgrade, which is convenient for users to maintain.
- Super-6 network cable transmission, the distance can be as far as 80 meters
- Standard power adapter, support DC220V independent power supply

## Technical Parameters

| | |
|---|---|
| Model | GX-PB8224A-K |
| Network interface | RJ45*1, 100Mbps/10Mbps |
| Audio interface | SPK_OUT(30W)*1 |
| Other interfaces | short-circuit input*1, short-circuit output*1, 24V warning light output*1 |
| Support protocol | ARP, UDP, TCP/IP, ICMP, IGMP (multicast) |
| Audio format | Mp3 |
| Sampling rate | 8K~48KHz |
| Bit rate | 8Kbps~320Kbps adaptive |
| Short circuit input/output | 0 V |
| Frequency response | 100Hz - 18KHz |
| Harmonic distortion | THD≤1% |
| Signal-to-noise ratio | ≥70dB |
| Output power | 30W |
| Standby power consumption | <5W |
| Maximum power consumption | <50W |
| Input power | AC220V/50Hz |
| Protection level | Ip65 |
| Product size | 320×310×130 (mm) |
| Product weight | 5.2Kg |
| Working temperature | -20℃~+60℃ |
| Environmental humidity | 5%~90% relative humidity |

# Analog Broadcasting System

## Program Zone Controller

**GX-PB1421**
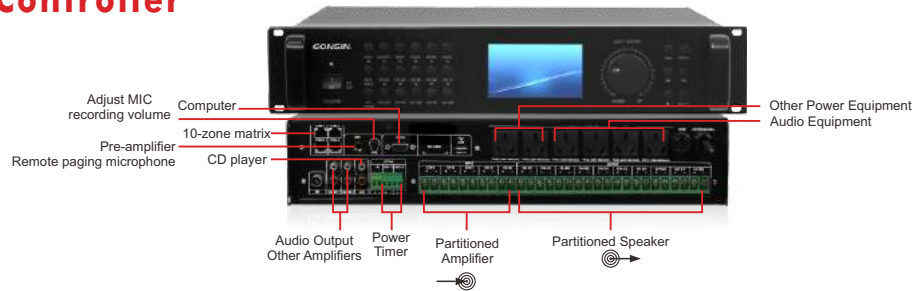
Adjust MIC recording volume
Computer
10-zone matrix
Pre-amplifier
Remote paging microphone
CD player

Other Power Equipment
Audio Equipment

Audio Output Other Amplifiers
Power Timer
Partitioned Amplifier
Partitioned Speaker

### Features

§ Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful

§ With complete public address function and humanized intelligent control function, integrated music

§ playback, intelligent timing control, partition control, intelligent fire linkage, power control, power

§ Brain programming control, recording and other functions

§ With 4.3-inch TFT display screen, graphical interface, intuitive operation

§ Support computer online editing timing program, fully automatic power supply, broadcast partition management, convenient and fast

§ There are 4 sets of general timing task schemes, 4 sets of rainy day timing task schemes and 6 sets of special timing task schemes, each timing scheme is more than 200 timing points; the general timing task scheme

§ According to the 7-day cycle, the special scheduled task plan is executed on a specific date; to meet the needs of various times and occasions

§ With 1 AUX common input

§ With 1 fire emergency input (0V signal), 2 dry contact outputs (0V signal)

§ With 5-way power signal input, connected to the power amplifier; 10 partition power signal output, connected to the speaker; each power input is divided into 2 partition outputs

§ 6-way controllable power output

§ Built-in MP3, FM radio, support timing, fixed point, fixed song

§ Built-in 2GB memory, SD card can be expanded externally, support MIC recording, LINE IN recording, FM recording playback memory or SD card program, with decoding music

§ Support wireless remote control within a range of 1000 meters, and can freely customize button functions, such as opening/closing playback function, sound quality comparable to professional

partitions, power supply playing song, etc.
CD, support MPEG-1/2 Layer 3, WMA, WAV, OGG and other

§ Support fire linkage function, alarm trigger signal input to play specified music files
audio formats

§ With high-precision RTC clock, support timing can be accurate to seconds and clock synchronization function

### Technical Parameters

| Model | GX-PB1421 |
|---|---|
| Storage method | Built-in 2G memory or external SD card |
| Support audio format | MP3, WMA, AAC, WAV, APE, FLAC |
| Receiving method | FM 88-108MHz |
| Recording input amplitude | MIC 5mV, LINE 500mV |
| Output | LINE 500mV Unbalanced |
| SNR of whole machine | ≥85dB |
| Overall distortion | <0.1%(1kHz) |
| Frequency Response | 20Hz~20kHz±3dB |
| Partition Output | 8 channels, total maximum capacity 3200W |
| Power Supply | AC220V/50Hz, 110V can be customized |
| Power | ≤10W |
| Time System | 24 hours system |
| Net weight | 5.45kg |
| Gross weight | 6.65kg |
| Product size | 484×350×88mm |
| Package size | 540×430×170mm |
| Working temperature | -5℃~80℃ |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30℃ |
| Storage Humidity | 25%~50% |

## Remote Control

**GX-PB1415**

§ Remote Control GX-PB1415

§ With the program partition controller (GX-PB1421) and audio matrix controller (GX-PB1422), to achieve remote control

§ Elegant Design, User-Friendly Operation

§ Extremely Long Remote Control Range, Over 500 Meters (Unobstructed)

§ Equipped with 12 Quick Access Buttons for Music Playback, Zone Control, and Custom Key Functions

§ Function keys allow for Pause/Resume, Stop, Previous Track, Next Track, Music Selection,

# Audio Matrix Controller

**GX-PB1422**

## Features
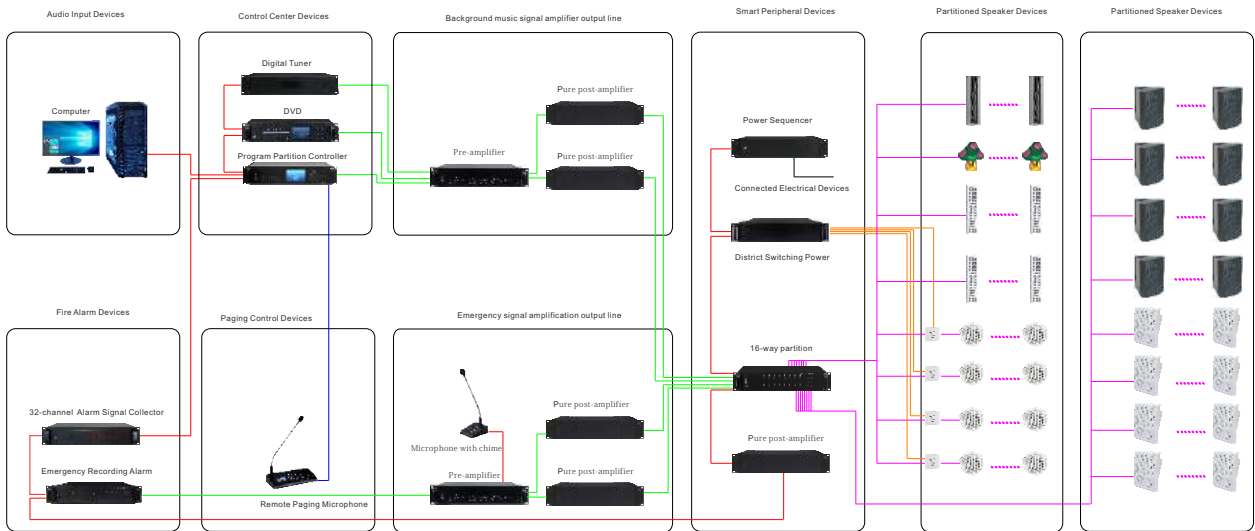
§ Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful

§ It has complete public address function and humanized intelligent control function, integrating music playback, intelligent timing control, audio matrix, intelligent fire linkage, power control, computer programming control, recording and other functions

§ With 4.3-inch TFT display screen, graphical interface, intuitive operation

§ Support computer online editing timing program, fully automatic power supply, audio matrix management, convenient and fast

§ There are 4 sets of general timing task schemes and 6 sets of special timing task schemes, and each set of timing schemes has more

§ Up to 256 timing points, the general timing task scheme is cycled in 7 days, and the special timing task scheme is executed on a specific date to meet the needs of various times and occasions

§ It has 6 channels of sound source + 1 channel of fire source audio input, and the input signal has independent volume adjustment, which can be applied to different audio source equipment

§ With 32 channels of audio output, each output interface corresponds to a partition, connected to the partition power amplifier, each partition can play different programs at the same time and individual paging, realize the independent audio source playback of each partition, without interfering with each other

§ Built-in powerful and flexible audio matrix, which can switch modes manually or automatically;

§ With 16 channels of fire emergency input (short circuit signal), 1 channel of extended synchronous power supply (short circuit signal) output, 4 channels of programmable power output

§ Support fire linkage function, alarm trigger signal input to play specified music files

§ It has multi-mode fire alarm function, including independent alarm for the whole area, independent alarm for partitions, adjacent (1.2.3.4) partitions and other alarm modes, which can be flexibly configured through computer software

§ Supports local and remote broadcast paging functions, and can flexibly realize whole-region, partition and remote remote broadcast paging

§ Built-in programmable MP3, FM radio, support timing, fixed point, fixed song, play memory or SD card program

§ With decoding music playback function, the sound quality is comparable to that of professional CD, and supports MPEG 1/2 Layer 3, WMA, WAV, OGG and other audio formats

§ Built-in 2GB memory, SD card can be expanded externally, support MIC recording, LINE IN recording, FM recording

§ Supports external control of various audio source devices, and realizes playing corresponding programs (music) at specified times and locations (regions)

## Technical Parameters

| Model | GX-PB1422 |
|---|---|
| Storage method | Built-in 2G memory or external SD card |
| Support audio format | MP3, WMA, AAC, WAV, APE, FLAC |
| Receiving method | FM 88~108MHz |
| Recording input amplitude | MIC 5mV, LINE 500mV |
| Output | LINE 500mV Unbalanced |
| SNR of whole machine | ≥85dB |
| Overall distortion | <0.1%(1kHz) |
| Frequency Response | 20Hz~20kHz±3dB |
| Partition Output | 32 channels audio output, 6 channels external audio input, 2 channels built-in audio source, total 8 channels audio source |
| Power Supply | AC220V/50Hz, can be customized 110V |
| Power | Audio switching, without power |
| Net weight | 6.2kg |
| Gross Weight | 8.65kg |
| Product Size | 485×350×130mm |
| Package Size | 540×430×230mm |
| Working temperature | -5℃~80℃ |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30℃ |
| Storage Humidity | 25%~50% |

# Program Partition Controller GX-PB1421 Diagram

Audio Input Devices

Control Center Devices

Background music signal amplifier output line

Smart Peripheral Devices

Partitioned Speaker Devices

Partitioned Speaker Devices

Computer

Digital Tuner

DVD

Program Partition Controller

Pre-amplifier

Pure post-amplifier

Pure post-amplifier

Power Sequencer

Connected Electrical Devices

District Switching Power

16-way partition

Pure post-amplifier

Fire Alarm Devices

Paging Control Devices

Emergency signal amplification output line

32-channel Alarm Signal Collector

Emergency Recording Alarm

Microphone with chime

Pre-amplifier

Remote Paging Microphone

Pure post-amplifier

Pure post-amplifier

Pure post-amplifier

# Audio Matrix Controller GX-PB1422 Diagram

Fire Alarm Devices

Paging Control Devices

32-channel Alarm Signal Collector

Emergency Recording Alarm

Remote Paging Microphone

Smart Peripheral Devices

Partitioned Speaker Devices

Partitioned Speaker Devices

Pure post-amplifier

Control Center Devices

Digital Tuner

DVD

Audio Matrix Controller

Pre-amplifier

Pre-amplifier

Smart Peripheral Devices

Power Sequencer

Connected Electrical Devices

Power Sequencer

Connected Electrical Devices

District Switching Power

# 6-zone Pre-amplifier

GX-PA6001/PA6002/PA6003/PA6004/PA6005/PA6006

Signal output
Connect to other power amplifiers

Connect to
digital tuner/DVD player/
with pre-amplifier

NIC 1/MIC 2          1-6 zone horn groups          Fuse Block

## Features

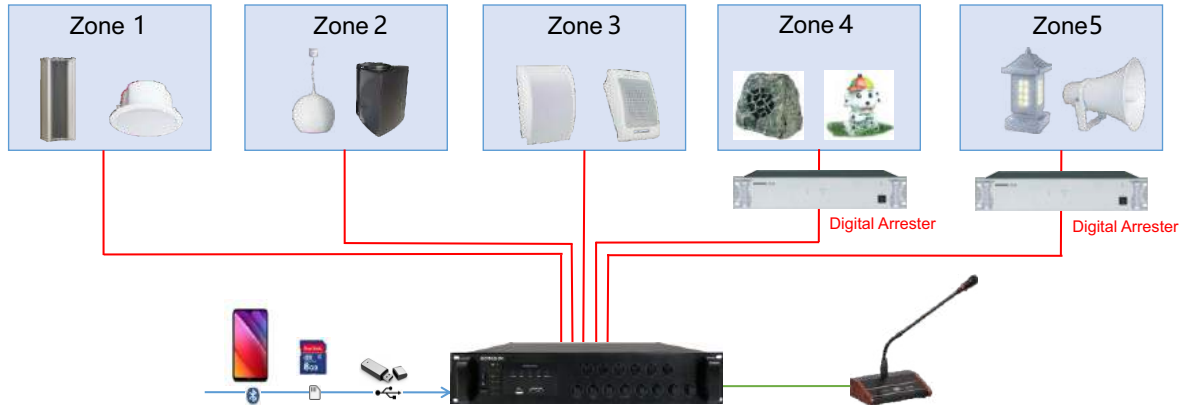▫ Standard 2U chassis, aluminum alloy panel, handle design, convenient and beautiful

▫ Single machine is a small broadcast system

▫ Support 6 partitions with independent fixed voltage output, each partition volume can be controlled separately

▫ With 1-channel emergency (EMC) input, emergency EMC input has the highest priority level, with independent volume adjustment

▫ With 2-channel microphone input, of which MIC1 has the highest priority level, the volume of each channel can be adjusted independently

▫ With 2-way auxiliary (AUX) line input, can be connected to the audio signal, and built-in Bluetooth / MP3 channel volume unified adjustment

▫ With 1 auxiliary line output, support the expansion of the connection amplifier

▫ Built-in Bluetooth / MP3 function module, support cell phone Bluetooth push program playback, support the connection of U disk, SD card playback audio files, support MP3 / WAV music playback format

▫ With independent adjustment of treble and bass

▫ Support abnormal work protection warning function, when the input signal is too large, the load is too heavy, the temperature is too high, the line short circuit, the corresponding indicator prompts, with extremely high reliability

▫ With power, signal, peak-shaving, protection LED a variety of status indicators

▫ With input power fluctuation protection function, support over-voltage protection, under-voltage protection

▫ Adopt fan forced cooling structure, support long time stable work

## Technical Parameters

| Model | GX–PA6001 | GX–PA6002 | GX–PA6003 | GX–PA6004 | GX–PA6005 | GX–PA6006 |
|---|---|---|---|---|---|---|
| Power Output | 60W | 120W | 240W | 360W | 500W | 650W |
| AUX Sensitivity | −12dB | | | | | |
| Microphone Sensitivity | −40dB | | | | | |
| Bass | ± 10dB | | | | | |
| Frequency Response | 80Hz~16kHz ± 2dB | | | | | |
| Harmonic Distortion | THD≤0.1% | | | | | |
| Signal to Noise Ratio | ≥70dB | | | | | |
| Line Output | 0dB | | | | | |
| Power Supply | AC220V/50Hz | | | | | |
| Product Size | 483 × 342 × 90mm | | | | 483 × 410 × 90mm | |
| Package Size | 540 × 430 × 170mm | | | | 540 × 490 × 170mm | |
| Net Weight | 7.8kg | 9.3kg | 11.2kg | 12.6kg | 15.8kg | 17.1kg |
| Gross Weight | 9.1kg | 10.6kg | 12.4kg | 13.9kg | 17.2kg | 18.7kg |
| Working Temperature | −5~80℃ | | | | | |
| Working Humidity | 20%~80%  relative humidity, no condensation | | | | | |
| Storage Temperature | 20~30℃ | | | | | |
| Storage Humidity | 25%~50% | | | | | |

# 6-zone Pre-amplifier Diagram
## GX-PA6001/PA6002/PA6003/PA6004/PA6005/PA6006

| Zone 1 | Zone 2 | Zone 3 | Zone 4 | Zone5 |
|--------|--------|--------|--------|-------|

Digital Arrester                    Digital Arrester

**60/120/240/360/500/650W**
All zones play the same background music and support full zone paging

# Power Amplifier

**GX-PA6011/GX-PA6012/GX-PA6013/GX-PA6014
GX-PA6015/GX-PA6016/GX-PA6017**

Connect to pre-amplifier ⊚➤

Connect to pure post-amplifier ⊚
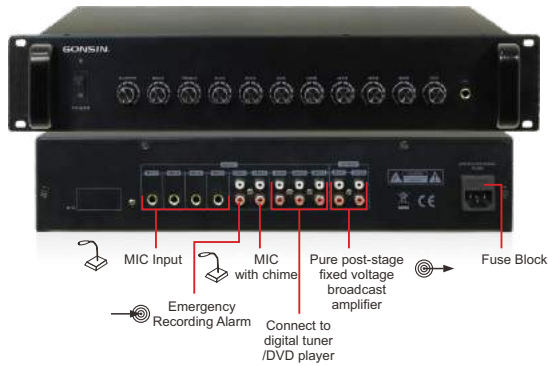
Connect to speaker group ((⟩

Fuse Block

## Features

▫ Standard 2U chassis, aluminum alloy panel, handle design, convenient and beautiful
▫ Class D power amplifier circuit is adopted, which has high efficiency, energy saving, light weight and small size.
▫ Small size, high power, strong load capacity, etc.
▫ With 1 balanced XLR input and 1 unbalanced RCA input
▫ With 1 balanced XLR output and 1 unbalanced RCA output, it is convenient to cascade to the next power amplifier
▫ Adopt 100V constant voltage output mode, connect constant voltage speaker to use
▫ Support volume adjustment function
▫ With short circuit, overheating, overload protection function
▫ It has the function of line limiting to prevent the speaker from being damaged by the excessive output of the power amplifier
▫ With power, signal, peak clipping, protection LED multiple status indicators
▫ With input power fluctuation protection function, support over-voltage protection, under-voltage protection
▫ Adopt fan forced heat dissipation structure, support long-term stable work

## Technical Parameters

| Model | GX-PA6011 | GX-PA6012 | GX-PA6013 | GX-PA6014 | GX-PA6015 | GX-PA6016 | GX-PA6017 |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Power output | 360W | 500W | 800W | 1000W | 1200W | 1500W | 2000W |
| Sensitivity | 0dB | | | | | | |
| Efficiency | >90% | | | | | | |
| Frequency response | 20~20kHz | | | | | | |
| Harmonic distortion | THD≤1% (1/8 rated power) | | | | | | |
| Signal-to-noise ratio | > 85dB | | | | | | |
| Constant voltage output | 100V±5% | | | | | | |
| Power supply | AC220V　110V can be customized | | | | | | |
| Product size | 483×342×90mm | | | | | | |
| Package size | 540×430×170mm | | | | | | |
| Net Weight | 4.9kg | 5kg | 5kg | 6.05kg | 6.05kg | 6.05kg | 6.1kg |
| Gross weight | 6.2kg | 6.4kg | 6.4kg | 7.5kg | 7.5kg | 7.5kg | 7.5kg |
| Working temperature | -5~80 | | | | | | |
| Working humidity | 20%~80%relative humidity, no condensation | | | | | | |
| Storage temperature | 20~30% | | | | | | |
| Storage humidity | 25%~50% | | | | | | |

# Pre–amplifier

**GX-PB1401**



MIC Input
MIC with chime
Pure post-stage fixed voltage broadcast amplifier
Fuse Block
Emergency Recording Alarm
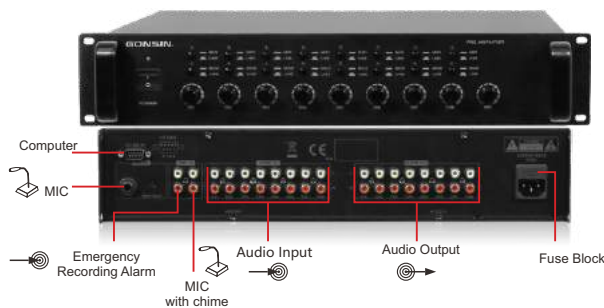Connect to digital tuner /DVD player

## Features

- Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful
- With 5-way microphone input, 3-way line input, 2-way emergency line input, 2-way line input
- Microphone 1 and emergency line have the highest priority, forced cut-in priority function, (MIC2, 3, 4, 5) and line (AUX1, 2, 3) at the same level
- Support microphone and line volume independently adjustable
- With independent adjustment of treble and bass

## Technical Parameters

| Model | GX-PB1401 |
|---|---|
| MIC Sensitivity | -40dB |
| AUX Sensitivity | -12dB |
| Line Output | 0dB |
| Frequency Response | 20Hz~20kHz(≤±3dB). |
| Signal to Noise Ratio | ≥75dB |
| Harmonic Distortion | ≤1% |
| Power Consumption | <30W |
| Power Supply | AC220V/3A, 110V can be customized |
| Net Weight | 5.4kg |
| Gross weight | 6.85kg |
| Product Size | 483×342×90mm |
| Package Size | 540×430×170mm |
| Working Temperature | -5~80℃ |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30℃ |
| Storage Humidity | 25%~50% |

# Pre–amplifier

**GX-PB1411**



Computer
MIC
Emergency Recording Alarm
MIC with chime
Audio Input
Audio Output
Fuse Block

## Features

- Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful
- It has 8 independent input lines, 2 microphone input lines, independent volume adjustment for each line, and 8 output groups can be selected arbitrarily
- With 8-way array output and 2-way microphone input, any combination of 2-way line input can be used for paging
- Microphone 1 input has the highest priority, forced cut-in priority function, when there is emergency audio
- There is an automatic cut-in priority function when the signal is input
- 2-way emergency signal input with second-level priority, no volume adjustment, automatic mute to -30dB, 2-way line input can choose priority mode and mixing mode
- With dial switch adjustment, free to choose various combined audio modes

## Technical Parameters

| Model | GX-PB1411 |
|---|---|
| MIC Sensitivity | -40dB |
| AUX Sensitivity | -12dB |
| Line Output | 0dB |
| Frequency Response | 20Hz~20kHz(≤±3dB). |
| Signal to Noise Ratio | ≥75dB |
| Harmonic Distortion | ≤1% |
| Power Consumption | <30W |
| Power Supply | AC220V/3A, 110V can be customized |
| Net Weight | 5.4kg |
| Gross weight | 6.4kg |
| Product Size | 483 × 342 × 90mm |
| Package Size | 540 × 430 × 170mm |
| Working Temperature | -5~80℃ |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30℃ |
| Storage Humidity | 25%~50% |

# Recording Alarm Generator

**GX-PB1402**
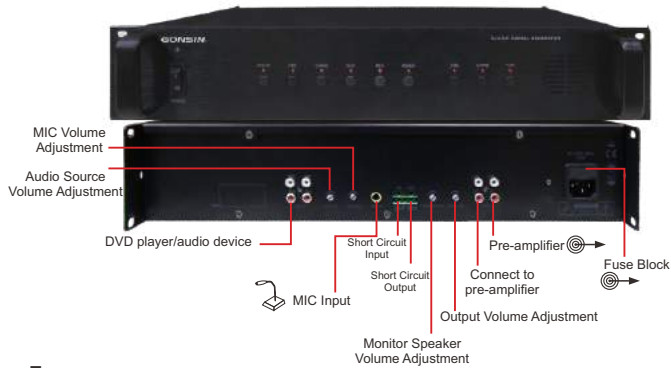


- MIC Volume Adjustment
- Audio Source Volume Adjustment
- DVD player/audio device
- Short Circuit Input
- Short Circuit Output
- MIC Input
- Monitor Speaker Volume Adjustment
- Output Volume Adjustment
- Connect to pre-amplifier
- Pre-amplifier
- Fuse Block

## Features

- Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful
- 1-way short-circuit input, 1-way short-circuit output function, support manual and automatic playback
- 2 line outputs
- Built-in 1 channel of fire alarm, 1 channel of bell prompt tone, 1 channel of emergency evacuation crowd prompt tone
- Support MIC and line recording function, up to 60 seconds
- Built-in 2W monitor speaker function

## Technical Parameters

| Model | GX-PB1402 |
|---|---|
| Frequency Response | 20Hz~20kHz(≤±3dB) |
| Signal-to-noise ratio | ≥75dB |
| Short circuit Input | 0V |
| Harmonic Distortion | ≤1% |
| Power Consumption | <40W |
| Power Supply | AC220V, 110V can be customized |
| Net Weight | 5.9kg |
| Gross Weight | 7.2kg |
| Product Size | 483×342×90mm |
| Package Size | 540×430×170mm |
| Working Temperature | -5℃~80℃ |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30℃ |

# Digital Tuner

**GX-PB1403**
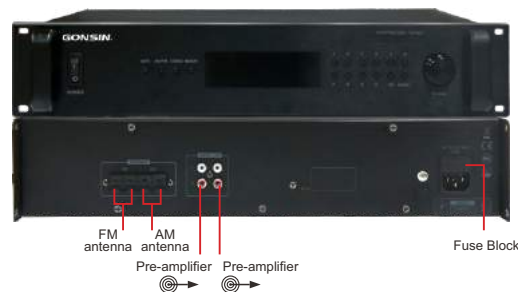


- FM antenna
- AM antenna
- Pre-amplifier
- Pre-amplifier
- Fuse Block

## Features

- Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful
- With RS485 communication interface, support broadcast control host control
- With 1 set of AM receiving antenna input, 1 set of FM receiving antenna 70Ω input
- With 2 channels of audio signal left and right channel output
- Quartz phase-locked loop frequency synthesizer-type adjustment loop is adopted, and the receiving frequency is accurate and stable
- Built-in high-brightness dynamic VFD fluorescent display, clear and eye-catching; support FM, AM (FM/AM) stereo two-band receiving selection, radio frequency memory can store up to 80
- Support light touch button operation, can directly input the frequency radio station to play
- Support 485 communication interface, support broadcast control host control
- Support radio frequency self-search storage and power-off memory function

## Technical Parameters

| Model | GX-PB1403 |
|---|---|
| Frequency Response | 20Hz~20kHz(≤±3dB). |
| Signal-to-noise ratio | ≥75dB. |
| Harmonic Distortion | ≤1%. |
| Power Consumption | <40W |
| Power Supply | AC220V/3A, 110V can be customized |
| Net Weight | 5.3kg |
| Gross Weight | 6.6kg |
| Product Size | 483×342×90mm |
| Package Size | 540×430×170mm |
| Working Temperature | -5℃~80℃ |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30℃ |
| Storage Humidity | 25%~50% |

# DVD Player

**GX-PB1404**



Address Code | 485 Control Interface | Pre-amplifier | Pre-amplifier | Video Monitor | Fuse Block
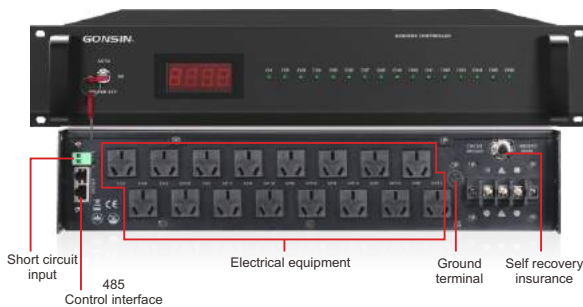
## Features

□ Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful

□ Imported digital movement, with super electronic anti-shock function, support CD, VCD, DVD disc playback, support MP3 format audio files

□ Support external U disk, SD card, support MP3 format audio files

□ Built-in high-brightness dynamic VFD fluorescent display, the machine running status is clear

□ Support light touch button operation, can choose single play, all play, single cycle, all cycle, stop playing and other functions

□ With 2 channels of audio signal left and right channel output

□ With RS485 communication interface, support broadcast control host control, support programming

□ Program timing control, realize timing automatic selection of audio source to play

## Technical Parameters

| Model | GX-PB1404 |
|---|---|
| Frequency Response | 20Hz~20kHz (≤±3dB) |
| Signal to Noise Ratio | ≥75dB |
| Harmonic Distortion | ≤1% |
| Output Amplitude | ≥500mV |
| Format | Compatible with VCD, SVCD, DVD, GAME, MP3, MP4,JPEG, HDCD, CDDA, WMA, CD-G, DVD-R DVD-RW DVD+RW, HDVD, CD, FLV |
| Power Consumption | 40W |
| Power Supply | AC220V/3A, 110V can be customized |
| Net Weight | 4.25kg |
| Gross Weight | 5.25kg |
| Product Size | 483×342×90mm |
| Package Size | 540×430×170mm |
| Working Temperature | -5°C~80°C |
| Working Humidity | 20%~80% relative humidity |

# Power Supply Sequencer

**GX-PB1406**



Short circuit input | 485 Control interface | Electrical equipment | Ground terminal | Self recovery insurance

## Features

□ Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful

□ Support 220V/6000W maximum power input, with input voltage display screen, which can monitor the grid voltage intuitively

□ Support 16-way power output, using national standard power interface, each interface can withstand 220V/3000W power output

□ With RS485 communication interface and the use of digital technology, it supports the connection with the intelligent host and accepts the control, so as to realize the automatic switch control of the power supply

□ With 1 emergency interface input, it can automatically turn on each power supply in sequence when short circuit occurs, and automatically turn off the power supply in sequence after the short circuit is eliminated

□ Equipped with electronic lock switch, manual and automatic modes, which can realize manual emergency control

□ With 16 LED indicators, the channel status is clear

## Technical Parameters

| Model | GX-PB1406 |
|---|---|
| Controlled power supply quantity | 16 way |
| Single circuit capacity | 3KVA |
| Capacity of the whole machine | 6KVA |
| Action time interval | 0.4S~0.5S |
| Communication method | RS485 |
| Control mode | Controlled/hand control |
| Protection | ACFUSE(0.5A)×2 |
| Power consumption | 50W |
| Power supply | AC220V ~ 240V/50 ~ 60Hz, 110V can be customized |
| Net weight | 6.75kg |
| Gross weight | 7.95kg |
| Product size | 483×342×90mm |
| Package size | 540×430×170mm |
| Working temperature | -5°C~80°C |
| Working humidity | 20%~80% relative humidity |
| Storage temperature | 20~30°C |
| Storage humidity | 25%~50% |

# 10-zone Matrix

GX-PB1407

## Features

- Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful
- With 10 independent partition selection switches, partitions can be switched at will without interfering with each other
- Support 2-channel background music amplifier input, 2-channel emergency call amplifier input, 10-channel group output, the maximum output power of each group is AC220V 2000W, and the maximum output power of each zone is AC220V 600W
- The partitions are managed by 2 groups, the power amplifiers of group A control the group output of zones 1~5, and the power amplifiers of group B control the group output of zones 6~10
- AB input terminals can be connected in parallel to control the group output of zones 1 to 10
- 10 partitions have independent status indicators, the green light is for background music programs, and the red light is for emergency priority
- It has 2 kinds of short-circuit control signal input, receives the fire emergency signal from the superior, supports the connection of timer and intelligent controller, supports the triggering of the whole area or independent triggering of each partition, and realizes automatic control
- It has 2 kinds of short-circuit control signal output, which can be connected to strong power supply, and supports short-circuit signal output of the whole area or independent short-circuit signal output of each partition
- Adopt dual relay simultaneous double-cut control circuit, channel-to-channel isolation ≥ 80dB, solve problems such as crosstalk between channels



Short-circuit output　Connect district switching power　Zoned speakers　BGM A Connect pure post-amplifier　BGM B Connect pure post-amplifier　Fuse block
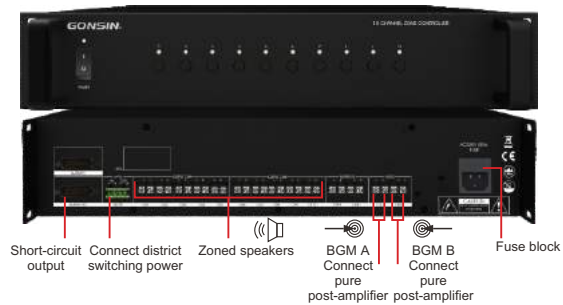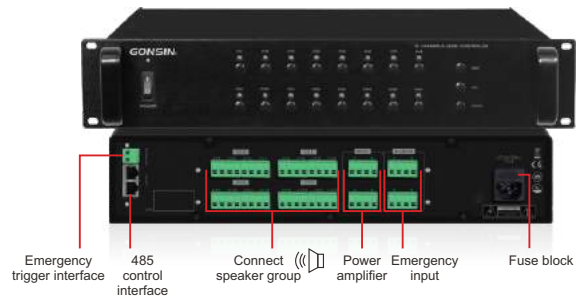
## Technical Parameters

| Model | GX-PB1407 |
|---|---|
| Input Way | 2-way background music, 2-way emergency call |
| Output Way | 10-way output, group A CH1~CH5, group B CH6~CH10 |
| Control Mode | Short circuit signal control, manual control |
| Power Input | AC220V~ 240V/50~ 60Hz, 110V can be customized |
| Power Consumption | 15W |
| Net Weight | 6.25kg |
| Gross Weight | 7.6kg |
| Product Size | 483×342×90mm |
| Package Size | 540×430×170mm |
| Working Temperature | -5℃~80℃ |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30℃ |
| Storage Humidity | 25%~50% |

# 16-way Partitioner

GX-PB1417



Emergency trigger interface　485 control interface　Connect speaker group　Power amplifier　Emergency input　Fuse block

## Features

- Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful
- With 16 independent partition selection switches, partitions can be switched at will without interfering with each other
- Support 4-channel background music amplifier input, 4-channel emergency call amplifier input, 10-channel group output, the maximum output power of each group is 2000W, and the maximum output power of each partition is 600W
- The partitions are managed by 4 groups, the power amplifiers of group A control the group output of zones 1~4, and the power amplifiers of group B
- Control group output of zones 5~8, group C power amplifier controls group output of zone 9~13, power amplifier of group D controls group output of zone 14~16
- AB input terminals can be connected in parallel to control the group output of zones 1 to 10
- 16 partitions have independent status indicator lights, the green light is for background music programs, and the red light is for emergency priority
- It has a short-circuit control signal input, receives the fire emergency signal from the superior, and supports
- Timer, intelligent controller connection, support the triggering of the whole area, and realize automatic control
- Adopt dual relay simultaneous double-cut control circuit, channel-to-channel isolation ≥ 80dB, solve problems such as crosstalk between channels
- Equipped with 485 communication interface, support broadcast host control

## Technical Parameters

| Model | GX-PB1417 |
|---|---|
| Input Channel | 4-channel background music |
| | 4-channel emergency call |
| Output Channel | 16-channel output |
| | Group A CH1~CH4, Group B CH5~CH8 |
| | Group C CH9~CH12, Group C CH13~CH16 |
| Control Mode | RS485 control, short-circuit signal control, |
| | manual control |
| Power Supply | AC220V~ 240V/50~ 60Hz, |
| | 110V can be customized |
| Power Consumption | 15W |
| Net Weight | 6.25kg |
| Gross Weight | 7.6kg |
| Product Size | 483×342×90mm |
| Package Size | 540×430×170mm |
| Working Temperature | -5℃~80℃ |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30℃ |
| Storage Humidity | 25%~50% |

# Digital Arrester

**GX-PB1408**
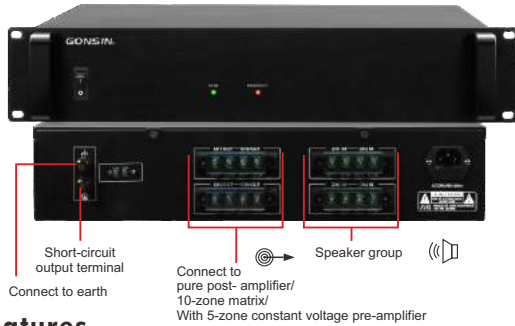
Short-circuit
output terminal
Connect to earth
Connect to
pure post- amplifier/
10-zone matrix/
With 5-zone constant voltage pre-amplifier
Speaker group

## Features

⬚ Standard 2 U chassis, aluminum alloy panel, with handle design, convenient and beautiful

⬚ With lightning protection, overvoltage protection and leakage protection for connected speakers

⬚ Automatically cut off the output when lightning strikes to protect the subsequent equipment

⬚ With 4 sets of independent input connection power amplifier

⬚ With 4 sets of independent outputs to connect speaker groups

⬚ 1 set of grounding lines connected to other equipment shells

⬚ 1 set of grounding line output is connected to the earth, and the lightning is automatically introduced into the earth

⬚ 1 channel alarm output 0 V (short circuit)

## Technical Parameters

| | |
|---|---|
| Model | GX-PB1408 |
| Number of channels | Four groups (CH1 ~ CH4 ) |
| Input capacity | 70/100V,10A,audio signal per channel |
| Output capacity | 70/100V,10A,audio signal per channel |
| Continuous operation voltage | 240V(RMS) |
| Protection voltage | 280V(RMS) |
| 2ms square wave through-current capacity | Current peak: 50A |
| Short-circuit output level | (0V) short-circuit signal |
| Power supply | AC 220V±10% 50~60Hz, 110V can be customized |
| Power consumption | Less than 25W |
| Net weight | 7.6kg |
| Gross weight | 8.85kg |
| Product size | 483×350×90mm |
| Package size | 540×430×170mm |
| Working temperature | -5°C~80°C |
| Working humidity | 20%~80% relative humidity |
| Storage temperature | 20~30°C |
| Storage humidity | 25%~50% |

# District Switching Power

**GX-PB1409**
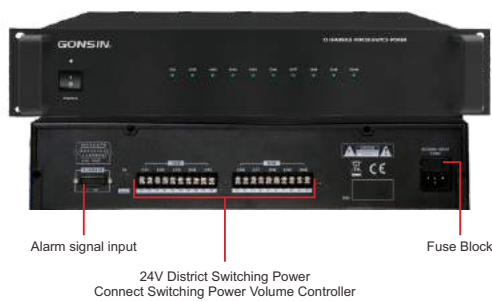
Alarm signal input
Fuse Block
24V District Switching Power
Connect Switching Power Volume Controller

## Features

⬚ Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful

⬚ With 10 independent inputs for short-circuit trigger signals, it can receive network broadcast alarm host or partition matrix and other broadcast master control equipment connection

⬚ It has 10 channels of DC24V/200W power output, and each channel does not interfere with each other. It is connected to the push-in volume controller and drives the push-in mechanism to switch

⬚ With output indicators of each channel, the working status of the system is clear

## Technical Parameters

| | |
|---|---|
| Model | GX-PB1409 |
| Output | DC24V×1A/channel |
| Output channel | 10-channel |
| Input method | Short circuit input |
| Power consumption | 10~ 15W |
| Power supply | AC220V/5A, 110V can be customized |
| Net weight | 6.1kg |
| Gross weight | 7.4kg |
| Product size | 483×342×90mm |
| Package size | 540×430×170mm |
| Working temperature | -5°C~80°C |
| Working humidity | 20%~80% relative humidity |
| Storage temperature | 20~30°C |
| Storage humidity | 25%~50% |

# 32-channel Smart Alarm Signal Collector

**GX-PB1412**
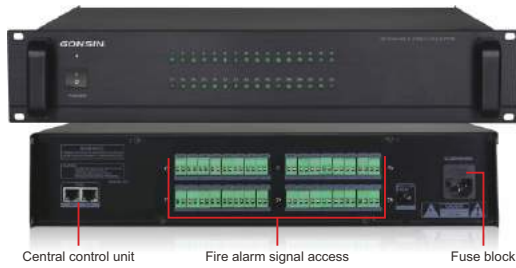
Central control unit     Fire alarm signal access     Fuse block

## Features

- Standard 2 U chassis, aluminum alloy panel, with handle design, convenient and beautiful
- Support 32-way fire alarm signal access, support short-circuit 0V, 12V-24V signal trigger mode
- Support multi-computer cascade, up to 128 channels of fire signals can be collected
- With 2-way short-circuit signal output
- With RS485 communication interface, it supports connection with intelligent host, and can realize the whole area or N . . . N±1 . . N±5 adjacent layer alarm, when there is an alarm signal triggering the alarm interface, automatically turn on the system, and realize the fire voice emergency broadcast to the corresponding area
- The panel is equipped with 32-way level indicators to show the working status; the system supports continuous alarm, that is, when there is a signal in the alarm, such as the second and third alarm signals then come in, the system will expand the alarm according to the corresponding area

## Technical Parameters

| Model | GX-PB1412 |
|---|---|
| Display method | LED |
| Acquisition channel | 32-way |
| Alarm trigger mode | Short circuit, DC12V~24V |
| Online mode | RS485 |
| Control mode | Auto/Manual |
| Rated power | 8W |
| Maximum input power | 10 W |
| Power supply | AC220V 50Hz, 110V can be customized |
| Net weight | 5.1Kg |
| Gross weight | 6.4Kg |
| Product size | 483×350×90mm |
| Package size | 540×430×170mm |
| Working temperature | -5℃ ~ 80℃ |
| Working humidity | 20% ~ 80% relative humidity |
| Storage temperature | 20 ~ 30℃ |
| Storage humidity | 25% ~ 50% |

# Amplifier Switchover (4 main amplifiers & 1 standby amplifier)

**GX-PB1413**

Audio Equipment   Audio output amplifier   Speaker group   Spare amplifier   Power amplifier   Fuse Block

## Features

- Standard 2U chassis, aluminum alloy panel, with handle design, convenient and beautiful
- With 4 channels of audio signal input
- There are 4 channels of audio signal output connected to the main power amplifier, and 1 channel of spare audio output connected to the spare power amplifier
- There are 4 channels of main power amplifier speaker signal input, and 1 channel of backup power amplifier speaker signal input
- With 4-way speaker signal output, connect broadcast speakers or dividers
- Support automatic power amplifier failure detection function, when the main power amplifier fails, it will automatically switch to the backup power amplifier
- amplifier output, when the main amplifier returns to normal, the system automatically switches back to the main amplifier output
- The panel has indicator lights for each channel. When the indicator light is on, the main power amplifier is working normally. When the indicator light is flashing, the backup power amplifier is working. When the indicator light is off, the circuit is closed.

## Technical Parameters

| Model | GX-PB1413 |
|---|---|
| Line In | 4CH |
| Line Output | 4-channel main output, 1-channel standby |
| Amplifier Input | 4-channel main amplifier, 1-channel standby amplifier |
| Speaker Output | 4 way |
| Power consumption | <30W |
| Net Weight | 6.1Kg |
| Gross weight | 7.4Kg |
| Product Size | 483×342×90mm |
| Package Size | 540×430×170mm |
| Working temperature | -5℃ ~ 80℃ |
| Working Humidity | 20% ~ 80% relative humidity |
| Storage Temperature | 20 ~ 30℃ |
| Storage Humidity | 25% ~ 50% |

# Microphone with chime

**GX-PB1410**



## Features

- ◻ Use with host of pre-amplifier
- ◻ Simple and beautiful design with black hose, hard straight tube and curved base
- ◻ With a light ring indicator, the status of the microphone is clear
- ◻ Configure high-fidelity line, high-quality electret head, with clear sound effect
- ◻ It has transparent sound, super anti-howling ability and good pickup characteristics
- ◻ There is a bell prelude prompt tone when the microphone is turned on, and the volume is adjustable

## Technical Parameters

| | |
|---|---|
| Model | GX-PB1410 |
| Transducer Type | Capacitive type |
| Directivity | Cardioid pointing |
| Frequency Response | 40Hz~16kHz |
| Sensitivity | 38dB±2dB |
| Output Impedance | 200Ω |
| Effective Pickup Distance | 20~60cm |
| Switching | Self-locking switch |
| Output; indicator | Unbalanced; seat indicator, tube indicator |
| Audio Cable | 8m dual-core audio cable |
| Power Supply | DC3V/AC220V |
| Continuous Battery Life | 18 hours (No.5 battery) |
| Net Weight | 0.45kg |
| Gross Weight | 0.9kg |
| Microphone Base | 115×140×30mm |
| Package Size | 465×65×19mm |
| Working Temperature | -5°C~80°C |
| Working Humidity | 20%~80% relative humidity |
| Storage Temperature | 20~30°C |
| Storage Humidity | 25%~50% |

# Remote Paging Microphone

GX-PB1414

## Features

◰ Use with audio matrix controller and program zoon controller

◰ Light-touch button panel design, high-definition 3-inch true color screen display, full graphical menu design, convenient operation, beautiful and practical

◰ Support functions such as remote partition control, control of broadcast audio sources, transmission of audio or speech, etc.

◰ Equipped with a cardioid microphone, the volume of the microphone can be adjusted independently

◰ It has 1 external audio line input, which can transmit the local sound to the designated partition for broadcasting

◰ Built-in MP3 player, supports audio file playback, and has a volume adjustment knob, which can be transmitted to designated partitions for broadcasting in real time

◰ With 2 output interfaces, it can be connected to the host of the broadcasting system, and the effective signal transmission distance is up to 100 meters. It supports hand-in-hand connection and can cascade 16 remote call stations.

## Technical Parameters

| | |
|---|---|
| Model | GX-PB1414 |
| Frequency response | 40Hz~16kHz/±1dB |
| Directivity | Cardioid directivity |
| MIC sensitivity | 50dB±1dB |
| Memory | 2G memory + extended SD memory card |
| Audio format | MP3, WMA, AAC, WAV, APE, FLAC |
| Receiving method | FM 87.0MHz~108MHz |
| Recording input | MIC 5mV LINE 500mV |
| Audio output | 500mV balanced |
| Audio distortion | ±0.1% |
| Control method | RS485 |
| Computer online | USB2.0 |
| Display screen | 3.0 inch TFT true color screen |
| Power supply | DC12V 1.5A |
| Power | ≤5W |
| Net weight | 1.2kg |
| Gross weight | 1.75kg |
| Product size | 310×150×52mm |
| Package size | 535×220×75mm |
| Working temperature | -5°C~80°C |
| Working humidity | 20%~80% relative humidity |
| Storage temperature | 20~30°C |
| Storage humidity | 25%~50% |

## Volume Controller

GX-VC105/GX-VC130/
GX-VC160/GX-VC1120
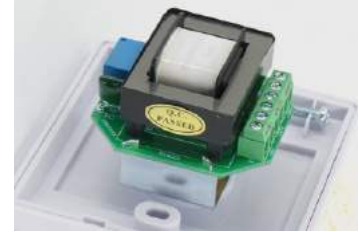


**GX-VC105**

**GX-VC130/GX-VC160/GX-VC1120**

| Model | GX-VC105 | GX-VC130 | GX-VC160 | GX-VC1120 |
|---|---|---|---|---|
| Load power | 6W | 30W | 60W | 120W |
| Input voltage | 100V | 100V | 100V | 100V |
| Attenuation value of each gear | 6dB | 6dB | 6dB | 6dB |
| Total attenuation | 18dB | 18dB | 18dB | 18dB |
| Gear | 5 | 5 | 5 | 5 |
| Power cut function | No | No | No | No |
| Product color | White | White | White | White |
| Installation method | Standard 86 box installation | Standard 86 box installation | Standard 86 box installation | Standard 86 box installation |
| Product Size | 87×87×44mm | 87×87×60mm | 87×87×70mm | 87×87×70mm |
| Material | ABS | ABS | ABS | ABS |
| Net weight | 60g | 160g | 320g | 330g |
| Gross weight | 4kg/48pcs | 5kg/24pcs | 8.7kg/24pcs | 9kg/24pcs |

## Volume Controller

GX-VC105T/GX-VC130T/
GX-VC160T/GX-VC1120T



With District Switching Power Function

**GX-VC105T**

**GX-VC130T/GX-VC160T/GX-VC1120T**

| Model | GX-VC105T | GX-VC130T | GX-VC160T | GX-VC1120T |
|---|---|---|---|---|
| Load power | 6W | 30W | 60W | 120W |
| Input voltage | 100V | 100V | 100V | 100V |
| Attenuation value of each gear | 6dB | 6dB | 6dB | 6dB |
| Total attenuation | 18dB | 18dB | 18dB | 18dB |
| Gear | 5 | 5 | 5 | 5 |
| Power cut function | DC24V | DC24V | DC24V | DC24V |
| Product color | White | White | White | White |
| Installation method | Standard 86 box installation | Standard 86 box installation | Standard 86 box installation | Standard 86 box installation |
| Product Size | 87×87×44mm | 87×87×60mm | 87×87×70mm | 87×87×70mm |
| Material | ABS | ABS | ABS | ABS |
| Net weight | 60g | 160g | 320g | 330g |
| Gross weight | 4kg/48pcs | 5kg/24pcs | 8.7kg/24pcs | 9kg/24pcs |

## ■ Ceiling Speaker

**GX-SP105B/GX-SP106B/
GX-SP108B**
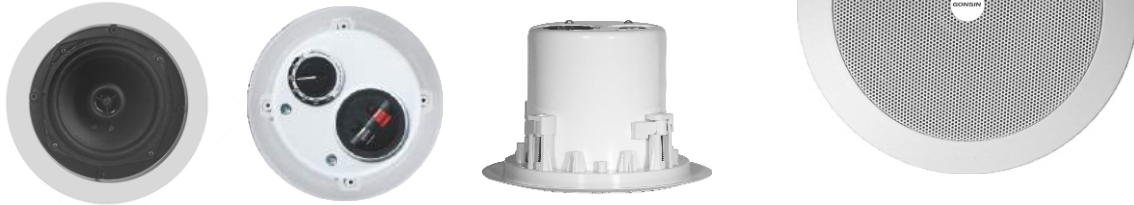
| Model | GX-SP105B | GX-SP106B | GX-SP108B |
|---|---|---|---|
| Power selection | 20W/10W/5W/2.5W | 30W/15W /7.5W/3.8W | 40W/20W/10W/5W |
| Input | 100V/70V/8Ω | 100V/70V/8Ω | 100V/70V/8Ω |
| Speaker unit | 5"×1+2"×1 | 6"×1+2"×1 | 8"×1+2"×1 |
| Sensitivity | 88±3dB | 88±3dB | 88±3dB |
| Frequency response | 100~20kHz | 90~20kHz | 50~18kHz |
| Product dimensions (DxH) | Φ203×145mm | Φ230×150mm | Φ270×185mm |
| Hole size | Φ170mm | Φ200mm | Φ240mm |
| Material | Panel:ABS, backshell:IRON | Panel:ABS, backshell:IRON | Panel:ABS, backshell:IRON |
| Weight | 1.68kg | 2.16kg | 2.92kg |

## ■ Ceiling Speaker

**GX-SP105DP/GX-SP106DP
GX-SP108DP**

| Model | GX–SP105DP | GX–SP106DP | GX–SP108DP |
|---|---|---|---|
| Rated power | 20W | 30W | 40W |
| Power Selection | 20W/10W/5W | 30W/15W/7.5W | 40W/20W/10W |
| Input Voltage | 100V | 100V | 100V |
| Sensitivity | 88 ± 3dB | 88 ± 3dB | 88 ± 3dB |
| Frequency Response | 100Hz~20KHz | 90Hz~20KHz | 50Hz~20KHz |
| Product Size (D x H) | Φ203 × 80mm | Φ230 × 90mm | Φ270 × 105mm |
| Opening size | Φ170mm | Φ200mm | Φ240mm |
| Material | Panel:ABS | Panel:ABS | Panel:ABS |
| Weight | 1.28kg | 1.62kg | 2.12kg |

**GONSIN**

## Ceiling Speaker

GX-SP104EP/GX-SP105EP/
GX-SP106EP

| Model | GX–SP104EP | GX–SP105EP | GX–SP106EP |
|---|---|---|---|
| Rated power | 6W | 6W | 6W |
| Power Selection | 6W/3W | 6W/3W | 6W/3W |
| Input Voltage | 100V | 100V | 100V |
| Sensitivity | 90 ± 3dB | 90 ± 3dB | 90 ± 3dB |
| Frequency Response | 110Hz~15KHz | 110Hz~15KHz | 110Hz~15KHz |
| Product Size (D × H) | Φ180 × 50mm | Φ200 × 67mm | Φ245 × 67mm |
| Opening size | Φ155mm | Φ170mm | Φ225mm |
| Material | IRON | IRON | IRON |
| Weight | 0.62kg | 0.68kg | 1.04kg |

## Ceiling Speaker

GX-SP105FP

| Model | GX–SP105FP |
|---|---|
| Rated power | 6W |
| Power Selection | 6W/3W |
| Input Voltage | 100V |
| Sensitivity | 90 ± 3dB |
| Frequency Response | 100Hz~18KHz |
| Product Size (D × H) | Φ200 × 90mm |
| Opening size | Φ175mm |
| Material | IRON |
| Weight | 0.9kg |

## Wall in Fitted Speaker

GX-SP204B/GX-SP204W
GX-SP205B/GX-SP205W
GX-SP206B/GX-SP206W
GX-SP208B/GX-SP208W
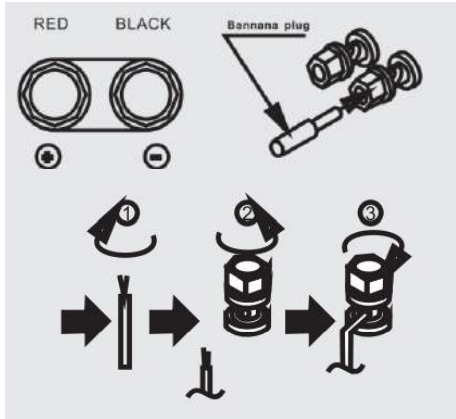
GX-SP204B/GX-SP204W/
GX-SP205B/GX-SP205W/
GX-SP206B/GX-SP206W

GX-SP208B/GX-SP208W

| Model | GX–SP204B GX–SP204W | GX–SP205B GX–SP205W | GX–SP206B GX–SP206W | GX–SP208B GX–SP208W |
|---|---|---|---|---|
| Power | 20W | 30W | 40W | 60W |
| Input | 70V/100V | 70V/100V | 70V/100V | 100V |
| Sensitivity (1m/1W) | 87 ± 3dB | 88 ± 3dB | 89 ± 3dB | 88 ± 3dB |
| Frequency response | 100Hz~20KHz | 85Hz~20KHz | 70Hz~20KHz | 40–20KHz |
| Product dimensions (WxDxH) | 170 × 150 × 215mm | 182 × 162 × 242mm | 215 × 190 × 284mm | 289 × 255 × 417mm |
| Installation form | Wall–mounted | Wall–mounted | Wall–mounted | Wall–mounted |
| Color | B for black / W for whit | B for black / W for white | B for black / W for white | B for black / W for white |
| Material | ABS | ABS | ABS | ABS |
| Weight | 2.2kg | 2.5kg | 3.5kg | 6.4kg |

## Indoor Wooden Column Speaker

GX-SP320A/GX-SP340

GX-SP320A
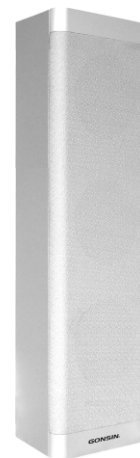
GX-SP340A

| Model | GX-SP320A | GX-SP340A |
|---|---|---|
| Rated power | 20W | 40W |
| Input voltage | 70V/100V | 70V/100V |
| Sensitivity (1m/1W) | 92dB | 97dB |
| Frequency response | 150Hz~13KHz | 150Hz~13KHz |
| Product dimensions (WxDxH) | 360×115×365mm | 360×115×605mm |
| Material | Wooden box with cloth mesh surface | Wooden box with cloth mesh surface |
| Weight | 3.2kg | 5.6kg |

**GONSIN**

## ■ Outdoor Waterproof Column Speaker

GX-SP320B/GX-SP340B/
GX-SP360B/GX-SP380B/
GX-SP3100B/GX-SP3120B
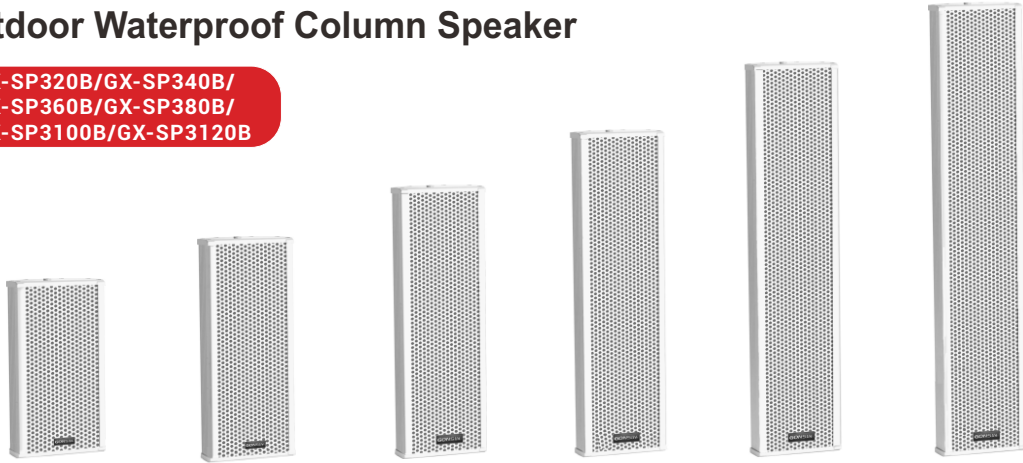
GX-SP320B    GX-SP340B    GX-SP360B    GX-SP380B    GX-SP3100B    GX-SP3120B

| Model | GX-SP320B | GX-SP340B | GX-SP360B | GX-SP380B | GX-SP3100B | GX-SP3120B |
|---|---|---|---|---|---|---|
| Rated power | 10W/20W | 20W/40W | 30W/60W | 40W/80W | 50W/100W | 60W/120W |
| Input voltage | 100V/70V | 100V/70V | 100V/70V | 100V/70V | 100V/70V | 100V/70V |
| Sensitivity (1m/1W) | 93dB±3dB | 94dB±3dB | 95dB±3dB | 96dB±3dB | 97dB±3dB | 98dB±3dB |
| Frequency response | 140Hz~15KHz | 140Hz~15KHz | 140Hz~15KHz | 140Hz~15KHz | 140Hz~15KHz | 140Hz~15KHz |
| Product sizes(WxDxH) | 304×227×125mm | 520×227×125mm | 736×227×125mm | 952×227×125mm | 1168×227×125mm | 1384×227×125mm |
| Material | Aluminum | Aluminum | Aluminum | Aluminum | Aluminum | Aluminum |
| Weight | 3.2kg | 4.76kg | 6.58kg | 8.14kg | 9.48kg | 11.10kg |
| Waterproof level | IP66 | IP66 | IP66 | IP66 | IP66 | IP66 |

## ■ Outdoor Waterproof Column Speaker

GX-SP310C/GX-SP320C/
GX-SP330C/GX-SP340C

GX-SP310C    GX-SP320C    GX-SP330C    GX-SP340C

| Model | GX-SP310C | GX-SP320C | GX-SP330C | GX-SP340C |
|---|---|---|---|---|
| Rated power | 15W | 25W | 35W | 45W |
| Input voltage | 100V | 100V | 100V | 100V |
| Sensitivity (1m/1W) | 89±3dB | 92dB±3dB | 94dB±3dB | 94dB±3dB |
| Frequency response | 100Hz~15KHz | 100Hz~15KHz | 100Hz~15KHz | 100Hz~15KHz |
| Product sizes(WxDxH) | 258×151×125mm | 378×151×125mm | 498×151×125mm | 618×151×125mm |
| Material | Aluminum | Aluminum | Aluminum | Aluminum |
| Weight | 2.16kg | 2.98kg | 3.9kg | 4.82kg |
| Waterproof level | IP66 | IP66 | IP66 | IP66 |

## 🟥 Outdoor Waterproof Column Speaker

**GX-SP310D/GX-SP320D/
GX-SP330D/GX-SP340D**

**GX-SP310D** **GX-SP320D** **GX-SP330D** **GX-SP340D**

| Model | GX-SP310D | GX-SP320D | GX-SP330D | GX-SP340D |
|---|---|---|---|---|
| Rated power | 10W/5W | 20W/10W | 30W/15W | 40W/20W |
| Input voltage | 100V/70V | 100V/70V | 100V/70V | 100V/70V |
| Sensitivity (1m/1W) | 88dB±3dB | 91dB±3dB | 92dB±3dB | 93dB±3dB |
| Frequency response | 100Hz~20KHz | 100Hz~20KHz | 100Hz~20KHz | 100Hz~20KHz |
| Product sizes(WxDxH) | 253×152×100mm | 375×152×100mm | 493×152×100mm | 613×152×100mm |
| Material | Aluminum | Aluminum | Aluminum | Aluminum |
| Weight | 1.8kg | 2.5kg | 3.32kg | 4.12kg |
| Waterproof level | IP66 | IP66 | IP66 | IP66 |

## 🟥 Wall Mounted Speaker

**GX-SP310E**

| Model | GX-SP310E |
|---|---|
| Rated power | 10W |
| Power selection | 5W/10W |
| Input voltage | 100V |
| Sensitivity (1m/1W) | 92±3dB |
| Frequency response | 110Hz~15KHz |
| Product dimensions | 260×180×120mm |
| Material | HIPS |
| Weight | 1.18kg |

## 🟥 Wall Mounted Speaker

**GX-SP310F**

| Model | GX-SP310F |
|---|---|
| Rated power | 10W |
| Power selection | 5W/10W |
| Input voltage | 100V |
| Sensitivity (1m/1W) | 92±3dB |
| Frequency response | 150Hz~15KHz |
| Product dimensions | 260×185×120mm |
| Material | HIPS |
| Weight | 1.17kg |

## 🟥 Wall Mounted Speaker

**GX-SP310G**
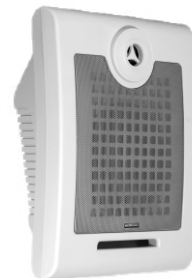
| Model | GX-SP310G |
|---|---|
| Rated power | 10W |
| Power selection | 5W/10W |
| Input voltage | 100V |
| Sensitivity (1m/1W) | 92±3dB |
| Frequency response | 150Hz~15KHz |
| Product dimensions | 275×182×120mm |
| Material | HIPS |
| Weight | 1.33kg |

## Hanging Speaker

**GX-SP410B**

| Model | GX-SP410B |
|---|---|
| Rated power | 3W/10W |
| Input voltage | 70V/100V |
| Sensitivity (1m/1W) | 90dB |
| Frequency response | 90Hz~16KHz |
| Product dimensions | Φ200×450mm |
| Material | ABS plastic |
| Weight | 0.92kg |

## Hanging Speaker

**GX-SP420E**

| Model | GX-SP420E |
|---|---|
| Rated power | 20W |
| Input voltage | 100V |
| Sensitivity (1m/1W) | 92dB |
| Frequency response | 110Hz~15KHz |
| Product dimensions | Φ170×245mm |
| Material | ABS plastic |
| Weight | 1.7kg |

## Directional Waterproof Horn

**GX-SP520A**

| Model | GX-SP520A |
|---|---|
| Rated power | 20W |
| Input voltage | 100V |
| Sensitivity (1m/1W) | 92dB |
| Frequency response | 100-15KHz |
| Product dimensions | 170×252mm |
| Material | ABS |
| Weight | 3.4kg |

## Waterproof Horn

**GX-SP615**

| Model | GX-SP615 |
|---|---|
| Rated power | 15W |
| Power selection | 7.5W/15W |
| Input voltage | 100V |
| Sensitivity | 105±3dB |
| Frequency response | 400Hz~8kHz |
| Product dimensions | 222 × 162 × 232mm |
| Hole size | 50mm |
| Material | ABS |
| Weight | 1.4kg |
| Waterproof Level | Ip66 |

## Waterproof Horn

**GX-SP630**

| Model | GX-SP630 |
|---|---|
| Rated power | 30W |
| Power selection | 15W/30W |
| Input voltage | 100V |
| Sensitivity | 105±3dB |
| Frequency response | 400Hz~6KHz |
| Product dimensions | 285 × 205 × 285mm |
| Hole size | 50mm |
| Material | ABS |
| Weight | 2.1kg |
| Waterproof Level | Ip66 |

## Waterproof Horn

**GX-SP650**

| Model | GX-SP650 |
|---|---|
| Rated power | 50W |
| Power selection | 25W/50W |
| Input voltage | 100V |
| Sensitivity | 109±3dB |
| Frequency response | 380Hz~6.5kHz |
| Maximum Sound Pressure Level | 116dB |
| Product dimensions | Φ325×350mm |
| Hole size | 50mm |
| Material | Aluminum |
| Weight | 2.58kg |
| Waterproof Level | Ip66 |

## All-weather Constant Pressure Large Horn Speaker

**GX-SP6100B/GX-SP6200B/**
**GX-SP6300B/GX-SP6400B/**
**GX-SP6500B**

| Model | GX-SP6100B | GX-SP6200B | GX-SP6300B | GX-SP6400B | GX-SP6500B |
|---|---|---|---|---|---|
| Rated power | 100W | 200W | 300W | 400W | 650W |
| Input voltage | 100V | 100V | 100V | 100V | 100V |
| All-weather Horn Bass | 1×8" | 1×10" | 1×12" | 1×15" | 1×18" |
| Tweeter | 1×1" | 1×1" | 1×1.5" | 1×1.5" | 1×2" |
| Sensitivity | 94dB | 94dB | 96dB | 94dB | 96dB |
| Frequency response | 100Hz~20KHz | 100Hz~20KHz | 80Hz~20KHz | 75Hz~20KHz | 100Hz~20KHz |
| Coverage | 90°* 90° | 90°× 90° | 90°× 90° | 90°× 90° | 90°× 90° |
| Max. sound pressure level | 110dB | 115dB | 120dB | 125dB | 132dB |
| Range | 100m | 200m | 300m | 400m | 600m |
| Product size | 560×370×370mm | 695×475×475mm | 790×590×590mm | 790×590×590mm | 900×710×710mm |
| Material | Industrial resin fiberglass box | | | | |
| Weight | 17kg | 22kg | 31kg | 37kg | 45kg |

# Garden Speaker

### GX-SP712A

| | |
|---|---|
| Speaker Size | 5.25 " waterproof coaxial |
| Rated power | 20W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 220×210×230 mm |
| Carton dimension | 243×230×245mm |
| Net weight | 3.0±0.3kg |
| Gross weight | 3.4±0.3kg |

### GX-SP712B

| | |
|---|---|
| Speaker Size | 5.25 " waterproof coaxial |
| Rated power | 20W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 200×210×210mm |
| Carton dimension | 233×213×245mm |
| Net weight | 3.0±0.3 kg |
| Gross weight | 3.5±0.3 kg |

### GX-SP712C

| | |
|---|---|
| Speaker Size | 5.25 " waterproof coaxial |
| Rated power | 20W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 230×210×255 mm |
| Carton dimension | 257×220×295mm |
| Net weight | 3.0±0.3 kg |
| Gross weight | 3.4±0.3 kg |

### GX-SP713B

| | |
|---|---|
| Speaker Size | 6.5 " waterproof coaxial |
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 370×290×260 mm |
| Carton dimension | 390×310×320mm |
| Net weight | 4.9±0.5kg |
| Gross weight | 5.4±0.5kg |

### GX-SP713D

| | |
|---|---|
| Speaker Size | 6.5 " waterproof coaxial |
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 470×310×280 mm |
| Carton dimension | 485×325×320mm |
| Net weight | 4.5±0.5 kg |
| Gross weight | 5.0±0.5 kg |

### GX-SP713G

| | |
|---|---|
| Speaker Size | 5.25 " waterproof coaxial |
| Rated power | 20W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 340×265×275 mm |
| Inner carton size | 345×265×290mm |
| Outer carton size | 360×280×315 mm |
| Net weight | 4.2±0.4 kg |
| Gross weight | 5.4±0.5 kg |

### GX-SP713J

| | |
|---|---|
| Speaker Size | 6.5 " waterproof coaxial |
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 385×265×445 mm |
| Carton dimension | 395×280×495mm |
| Net weight | 6.5±0.7kg |
| Gross weight | 7.7±0.7kg |

### GX-SP713K

| | |
|---|---|
| Speaker Size | 6.5 " waterproof coaxial |
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 410×380×335mm |
| Inner carton size | 410×380×350mm |
| Outer carton size | 425×395×375mm |
| Net weight | 7.6±0.8Kg |
| Gross weight | 9.3±0.9Kg |

### GX-SP713L

| | |
|---|---|
| Speaker Size | 6.5 " waterproof coaxial |
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 470×430×540 mm |
| Inner carton size | 480×440×555mm |
| Outer carton size | 495×455×580mm |
| Net weight | 8.2±0.8 kg |
| Gross weight | 9.0±0.9 kg |

**GX-SP714A**

| | |
|---|---|
| Speaker Size | 6.5 " Bass × 2, 2 " Treble |
| Rated power | 40W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 335×273×510 mm |
| Outer carton size | 350×280×540mm |
| Net weight | 6.0±0.6 kg |
| Gross weight | 6.5±0.7 kg |



**GX-SP714B**

| | |
|---|---|
| Speaker Size | 5.25 " waterproof coaxial × 2 |
| Rated power | 40W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 335×273×510 mm |
| Outer carton size | 350×280×540mm |
| Net weight | 6.2±0.6kg |
| Gross weight | 6.7±0.7 kg |



**GX-SP715B**

| | |
|---|---|
| Speaker Size | 8 " Bass  2 " Treble |
| Rated power | 50W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 590×320×285 mm |
| Outer carton size | 610×325×325mm |
| Net weight | 9.0±0.9 kg |
| Gross weight | 10±1.0 kg |



**GX-SP715C**

| | |
|---|---|
| Speaker Size | 8 " Bass, 2 " Treble |
| Rated power | 50W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 700×380×335 mm |
| Outer carton size | 720×380×370mm |
| Net weight | 10.6±1.1 kg |
| Gross weight | 12±1.2 kg |



**GX-SP718A**

| | |
|---|---|
| Speaker Size | 8 " Bass, 2 " Treble × 2 |
| Rated power | 80W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 610×345×370 mm |
| Outer carton size | 630×365×415mm |
| Net weight | 15±1.5 kg |
| Gross weight | 16.2±1.5 kg |
| Two azimuth playback | |



公共广播功放
COM 70V 100V
黑线 蓝线 白线
注：蓝线、白线不能同时接于
功放上，只能接其中一根线

家庭功放
家用功放
+ 棕线  − 黄/绿线
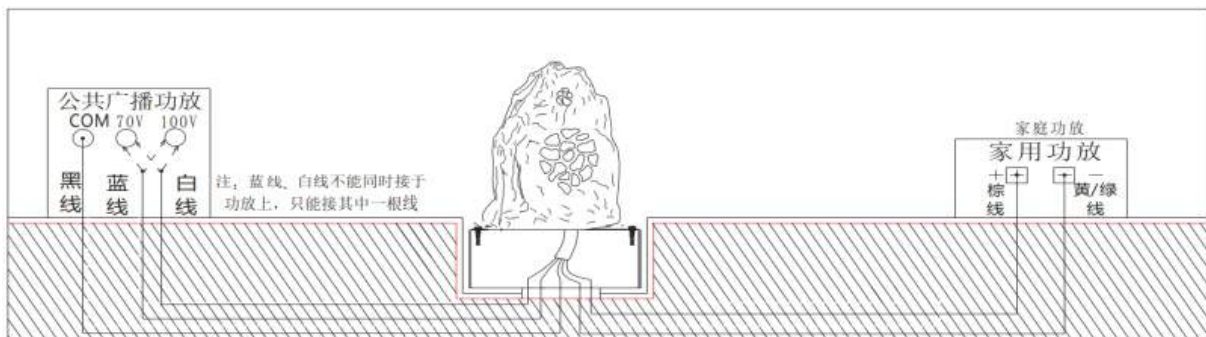
## ■ Cartoon Speaker



**GX-SP721A**

| Shape | Squirrel |
|---|---|
| Speaker Size | 4 " waterproof coaxial |
| Rated power | 10W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 290×275×470mm |
| Inner carton size | 295×285×485MM |
| Outer carton size | 310×300×510MM |
| Net weight | 5.3±0.5kg |
| Gross weight | 7.2±0.7kg |



**GX-SP722C**

| Shape | Panda |
|---|---|
| Speaker Size | 6.5 " waterproof coaxial |
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 415×375×460MM |
| Outer carton size | 430×390×485MM |
| Net weight | 5.1±0.5kg |
| Gross weight | 7.7±0.8kg |



**GX-SP722E**

| Shape | Spotted dog |
|---|---|
| Speaker Size | 5.25 " waterproof coaxial |
| Rated power | 20W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 340×335×525mm |
| Inner carton size | 350×345×530MM |
| Outer carton size | 365×360×555MM |
| Net weight | 5.7±0.6kg |
| Gross weight | 7.7±0.7kg |



**GX-SP722F**

| Shape | Penguin |
|---|---|
| Speaker Size | 5.25 " waterproof coaxial |
| Rated power | 20W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 370×305×415mm |
| Inner carton size | 380×320×425MM |
| Outer carton size | 395×335×450MM |
| Net weight | 5.3±0.5kg |
| Gross weight | 7.2±0.7kg |



**GX-SP732A**

| Shape | Tree |
|---|---|
| Speaker Size | 5.25 " waterproof coaxial |
| Rated power | 20W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | $\phi$ 425×300 mm |
| Inner carton size | 410×385×310MM |
| Outer carton size | 425×400×335MM |
| Net weight | 5.5±0.6kg |
| Gross weight | 7.5±0.8kg |



**GX-SP732B**

| Shape | Stump |
|---|---|
| Speaker Size | 6.5 " |
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | 380×375×305mm |
| Inner carton size | 385×380×310mm |
| Outer carton size | 400×395×335mm |
| Net weight | 4.3±0.4Kg |
| Gross weight | 6. 8±0. 7Kg |



**GX-SP733AG**

| Shape | Mushroom |
|---|---|
| Speaker Size | 3×5 " ×2, 2 " ×2 |
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Material | Glass steel |
| colour | Green |
| Speaker Size | $\phi$ 370×395mm |
| Outer carton size | 450×400×400mm |
| Net weight | 5.4±0.5kg |
| Gross weight | 6.8±0.7kg |
| 360° play | |



**GX-SP743B**

| Speaker Size | 6.5 " |
|---|---|
| Rated power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Protection grade | IP 44 |
| Speaker Size | $\phi$ 320×365 |
| Net weight | 6.5 ±0.5Kg |
| 360° play | |

# Lighting Speaker

**GX-SP781B**

| Speaker Size | 4 " coaxial |
|---|---|
| power | 10W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Voltage of light fixture | 110/230V |
| Power of light fixture | ≤25W |
| Lamp base specification | E27 |
| Light fixture cable | 50CM |
| Protection grade | IP 44 |
| Light Bulb | Self-equipped with LED or incandescent lamp |
| Speaker Size | φ 220×420mm |
| Net weight | 5.1±0.6 kg |

**GX-SP781E**

| Speaker Size | 4 " coaxial |
|---|---|
| power | 10W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Voltage of light fixture | 110/230V |
| Power of light fixture | ≤25W |
| Lamp base specification | E27 |
| Light fixture cable | 50CM |
| Protection grade | IP 44 |
| Light Bulb | Self-equipped with LED or incandescent lamp |
| Speaker Size | 160×160×750 mm |
| Carton size | 840×240×245mm |
| Net weight | 6±0.6 kg |
| Gross weight | 7±0.6 kg |

**GX-SP781J**

| Speaker Size | 4 " coaxial |
|---|---|
| power | 10W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Voltage of light fixture | 110/230V |
| Power of light fixture | ≤25W |
| Lamp base specification | E27 |
| Light fixture cable | 50CM |
| Protection grade | IP 44 |
| Light Bulb | Self-equipped with LED or incandescent lamp |
| Speaker Size | 390×365×735 mm |
| Carton size | 435×405×785mm |
| Net weight | 8.5±0.9kg |
| Gross weight | 9.7±1kg |

**GX-SP781K**

| Speaker Size | 4 " coaxial |
|---|---|
| power | 10W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Voltage of light fixture | 110/230V |
| Power of light fixture | ≤25W |
| Lamp base specification | E27 |
| Light fixture cable | 50CM |
| Protection grade | IP 44 |
| Light Bulb | Self-equipped with LED or incandescent lamp |
| Speaker Size | 265×265×765 mm |
| Carton size | 315×315×835mm |
| Net weight | 9.5±0.9 kg |
| Gross weight | 11.2±1.0 kg |

**GX-SP783B**

| Speaker Size | 6.5 " waterproof coaxial |
|---|---|
| power | 30W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Voltage of light fixture | 110/230V |
| Power of light fixture | ≤25W |
| Lamp base specification | E27 |
| Light fixture cable | 50CM |
| Protection grade | IP 44 |
| Light Bulb | Self-equipped with LED or incandescent lamp |
| Speaker Size | 330×290×700 mm |
| Carton size | 770×395×340mm |
| Net weight | 10±1.0 kg |
| Gross weight | 11.5±1 kg |

**GX-SP782A**

| Speaker Size | 5.25 " waterproof coaxial |
|---|---|
| power | 20W |
| Speaker input | 70/100V |
| Speaker cable | 50CM |
| Voltage of light fixture | 110/230V |
| Power of light fixture | ≤25W |
| Lamp base specification | E27 |
| Light fixture cable | 50CM |
| Protection grade | IP 44 |
| Light Bulb | Self-equipped with LED or incandescent lamp |
| Speaker Size | 320×320×785mm |
| Carton size | 860×370×320mm |
| Net weight | 6.0±0.6 kg |
| Gross weight | 8±0.7 kg |



公共广播功放
COM 70V 100V
黑线 蓝线 白线
照明线 音箱线
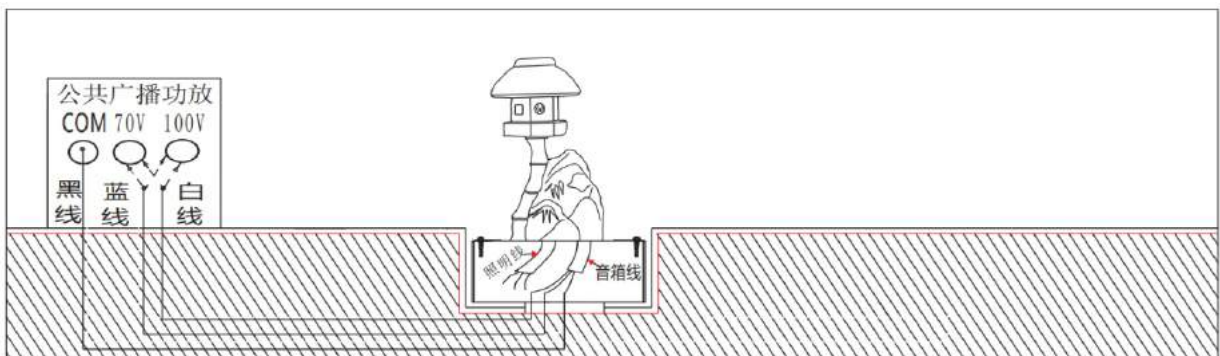
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