MAG6364G

Network Indoor Speaker with 2.4G Bluetooth

Description

MAG6364G Network Indoor Speaker with 2.4G Bluetooth is a modern network playback terminal based on TCP/IP transmission protocol, which has a fully digital analog-to-digital conversion signal processor combined with high-fidelity speakers to realize the integrated design of the processor and the speaker. With dual network redundancy design, and can be applied at any place with access to the network. The remote audio data stream can output the audio signal through the machine, and directly send sound from the speaker with intelligent control of the host machine; MP3 program can be played when the network audio stream signal is not played; There is an auxiliary audio input interface for connecting other audio source devices (such as DVD player), and an auxiliary audio output interface for connecting other amplifiers to expand power.It has a built-in 2.4G transmission mode and a transmission box with a microphone, which mainly realizes 2.4G broadcasting function and can be used for local broadcasting, wireless multimedia teaching, wireless conference, etc.

Features

Network Indoor Speaker Features
- With integrated design of networked terminal processor and high fidelity speaker.
- With dual network interface redundant design, can work across network segments.

- Can be applied at any place with access to network.
- With MP3 decoding playback function.
- Supports 16-bit digital audio stream decoding with a maximum sampling rate of 48kHz.
- Built-in 2×20W digital amplifier, low power consumption settings.
- Can play background music, emergency paging, alarm signals, and others from the system host.
- With one auxiliary audio input port,one auxiliary audio output port, one microphone input and one EMC emergency output, one short-circuit output.
- Controllable local output volume and local playing state.
- Digital display of working state and information change.
- It can be controlled by the infrared remote controller.
- 2.4G wireless microphone broadcasting: used with 2.4G wireless microphone, mainly applied to wireless multimedia teaching.
- Bluetooth music broadcasting: It can accept the Bluetooth signal of the mobile phone for Bluetooth music broadcasting.

Wireless Microphone Features
- Long transmission distance: audio data can be transmitted stably in open areas greater than 30 meters.
- 2.4G+ automatically searches for channels with less interference and completes automatic pairing to ensure that the product has no cross-frequency, strong anti-interference and transmission stability.
- Expanding multiple 2.5G channels, effectively avoiding the interference of 2.4G signals such as WIFI/Bluetooth.
- Adopts 64kHz/16bit sampling rate to meet high-quality audio transmission requirements.
- Adopts two automatic anti-howling algorithms, frequency shift/notch, to effectively suppress howling sounds while ensuring the pickup distance.
- Built-in true reverberation function can effectively improve the speech quality, so that the speech is not dry and laborious, and the reverberation level is adjustable.
- Supports one-click mute function. After muting, AUX (3.5 audio input interface) can still transmit audio normally.
- Supports built-in microphones and external microphones, and can be configured with a headset microphone or a lavalier microphone.
- Supports AUX audio input, using the global universal 3.5mm interface, and independently transmits stereo audio signals wirelessly.
- Supports laser pointer and automatic PD control technology to prevent safety accidents caused by excessive laser power; it is strictly prohibited to illuminate the eyes
- Support PPT page turning: PPT page turning module supports hot plug without driver software.
- Base charging design, user-friendly design, built-in strong magnets that support close automatic suction to ensure good charging contact, while supporting MICRO USB charging.
- LCD display shows connection status, power level (charging display), volume, PPT function and so on.
- All settings are equipped with a power failure automatic memory function,   making personalized settings more convenient to use.
- Automatic audio energy detection, the module can output a control signal to control the amplifier mute when no speech or audio input is detected.
- With power saving mode, when the device is turned on and there is no connection or button press, it will automatically shut down for 5 minutes; it will automatically shut down if there is no button operation within 1 hour after the connection is successful.
- Small size, ultra-low power consumption design.
- Chinese/English menu display.
- Use sandstone black paint process to make it with excellent hand feeling.
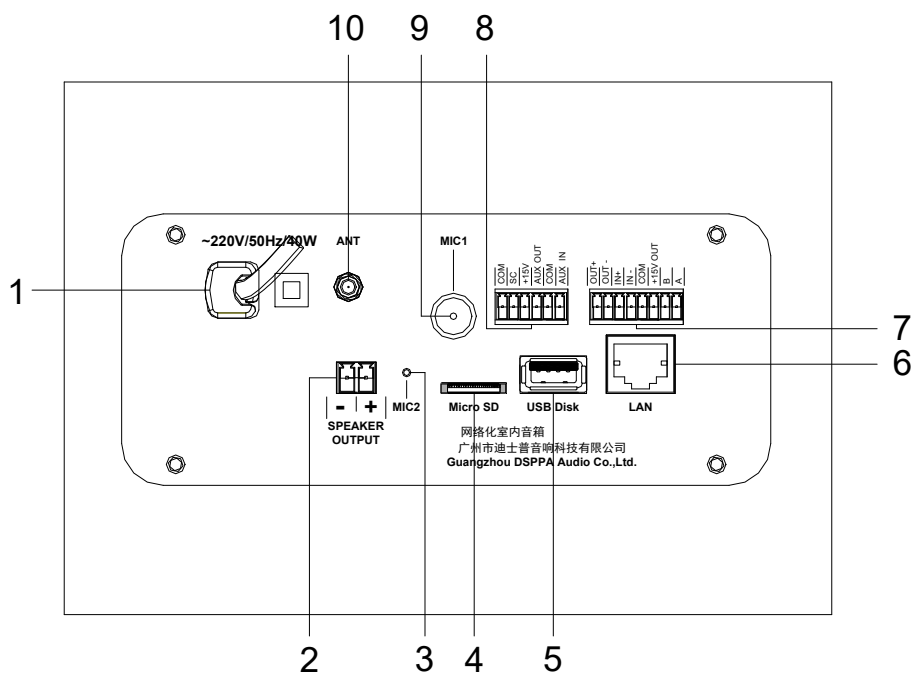
Specifications

Model	MAG6364G
Network Indoor Speaker	

AUX IN	Input Sensitivity		300 mV
	Frequency Response		20Hz-20kHz
	Distortion		≤0.5%
	SNR		≥75dB
AUX OUT	Rated Output		1000mV
	Frequency Response		20Hz-20kHz
	SNR		≥75dB
MIC Microphone Interface	Input Sensitivity		4 mV
	Frequency Response		50Hz-16kHz
	Distortion		≤0.5%
	SNR		≥70dB
USB/SD /NET Play MP3 Music	Frequency Response		20Hz-18kHz
	Distortion		≤0.5%
	SNR		≥75dB
SD Card Capacity			32GB
USB Capacity			32GB
Power Supply			AC220V/50Hz
Display Screen			Digital Screen
Wireless 2.4G Microphone			
Wireless MIC Input Sensitivity	140mV±10mV		
THD	0.5%		
Frequency Characteristic	80Hz～5KHz(-3dB)		
Wireless AUX Input Sensitivity	600mV±10mV		
THD	0.5%		
Frequency Characteristic	80Hz～12KHz(-3dB)		
BT Input Sensitivity	-10dB		
THD	1%		
Frequency Characteristic	70Hz～8KHz(-3dB)		
Transmission Reception Distance	≥10m		
SNR	≥70dB		
Frequency Pairing Method	Automatic frequency pairing, automatic frequency hopping, automatic frequency locking, 1 to 1 matching.		
Matching Distance	It has been set to within 3 meters, and the matching distance can be modified by operating the microphone		
Package Size (L×W×H mm)	405×405×275mm		
Machine Size (L×W×H mm)	330×200×150mm		
Gross Weight (2PCS)	12kg		
Net Weight	5.3kg		

Cover Panel of Network Speaker

1 AC200V Power Cable

To supply power.

2 Amplifier Output Port (Speaker)

Can connect 4Ω/20WSpeaker.

3 MIC2 live monitor microphone input

4 SD card interface (Micro SD)

Insert SD card with timing point. When terminal is offline, it could provide audio source.

5 USB interface (USB Disk)

Insert USB disk or mobile hard disk with MP3 program to give audio source to built-in MP3 player.

6 Network Port

Connect to network switch.

7 Extension Interface

For extending or customizing other functions.

It can be extended to MAG6465/MAG6566 SOS Dual Intercom Extension Controller, MAG6402 Network PA System On-Demand Terminal, MAG6405 GPS Calibration Module, MAG6419 IP Network Terminal with Built-in Amplifier, MAG6420 IP Control Panel with Bluetooth & MIC, MAG6420II-C Network Control Panel with Wireless Microphone. This terminal provides DC voltage power supply for the connected equipment. The wiring method must be connected to the equipment one-to-one according to the requirements. For the connection method, please refer to the manual of the connected equipment.
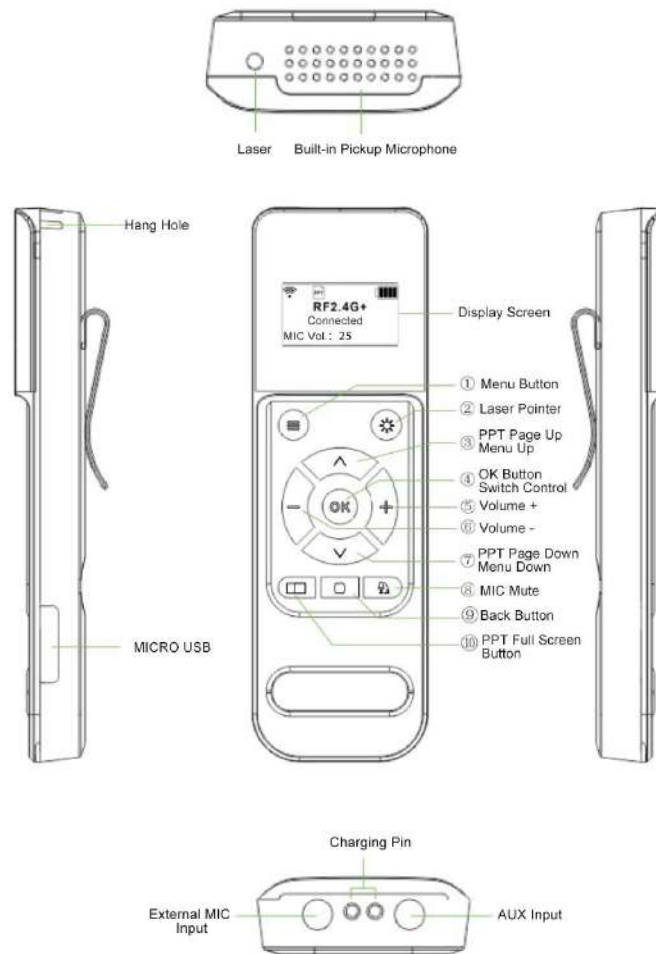
8 Override playback output

The signal output by this interface is controlled by the host.

9 MIC microphone interface

Connect the microphone to realize local paging or live speech and other functions.

10 Antenna Interface

2.4G Wireless Microphone

Function Introduction and Operation Instructions

	Press to enter the main menu interface, the main menu interface shows "PPT Settings", "Reverb Settings", "System Settings".	
	PPT Settings	Enter it to turn the PPT function on or off.
	Reverb Settings	Enter it to select the "Reverb Off", "Reverb 1" and "Reverb 2". Reverb 1/2 is the degree of the reverb effect, and the degree effect is reverb 2 > reverb 1.
① "≡" Main Menu Button	System settings	After entering, you can perform "Language Selection", "2.4G+ Settings" and "Contrast Adjustment". Language Selection: Chinese mode and English mode are available to choose. 2.4G+ Settings: "On", "Off" and "Pairing Power" can be performed. After selecting on, the handheld microphone and speaker can be paired and connected. After selecting Off, the handheld microphone will not be able to pair with the speaker. After selecting the pairing power, users can choose between gears 1-4. The pairing power is mainly used for the distance between handheld microphones and speakers.

		Gear 1: 1 meter Gear 2: 1.5 meters Gear 3: 2 meters Gear 4: 4 meters Contrast adjustment: The background and display font brightness can be adjusted for transparent contrast, with a minimum of 30 and a maximum of 62.
② Laser Pointer Button		The upper right corner is the laser button. After pressing it, the laser pointer can be used for teaching. When used, press it for a long time. Press the laser pointer button to project infrared laser and use it as a teaching pointer. When using the laser teaching pointer, you can use it directly without turning on the microphone.
③Page Up / ⑦ Page Down		"∧" is the page up button, and "∨" is the page down button. The Page Up/Page Down buttons are only used for function setting selection and PPT page turning.
④ Switch Control Button		"OK" is the switch control key. Press and hold the power key for 1-2 seconds to perform the on/off operation. Display "Hello." when turning on, and "Bye." when turning off.
⑤⑥ Volume Control Button		"+" is the volume up key, and "-" is the volume down key. Short press the "+" key, the volume will increase accordingly, with a maximum of 32. Short press the "-" key, the volume will be reduced accordingly, with a minimum of 0. The handheld microphone MIC and AUX volumes can be added or subtracted, and the MIC and AUX volume switching control can be controlled through the "OK key".
⑧Mute Button		There is a mute button in the lower right corner. Press one button to mute, and press it again to unmute.
⑨Back Button		The "□" button is the return key. Press it to return to the main interface.
PPT Full Screen Button		The button in the lower left corner is the full-screen button of PPT. After connecting the computer to open the PPT, press it to enlarge the PPT page to full-screen. When pressed again, the PPT page will be restored to the original page.
MIC/AUX Jack		There is a 3.5mm jack on the left and right sides of the bottom of the handheld microphone. The left is the MIC jack and the right is the AUX jack. When a sound source is played through the jack, the handheld microphone interface will display whether the MIC or AUX is inserted.

Notice:

● When using PPT for the first time, pairing operation is required. First, turn on the PPT function, plug in the PPT receiver, and hold down the up and down keys at the same time to pair. After successful pairing, the PPT icon will stop flashing and stay on. During menu operation, PPT key operation is invalid.

● After the 2.4G audio is successfully connected, if you need to connect to another receiving device, you need to switch off and reboot before pairing again.