

# IQ sound<sup>®</sup>

IQ-906K

## USER MANUAL



*Please read the instructions carefully before use*

# Features

## **In the box:**

- 1x Speaker
- 2x Remote Controls
- 2x Wireless Microphones
- 1x Instruction Manual
- 1x Cable DC 12V
- 1x Tablet Stand
- 2x Microphone Clip Holders
- 1x 15V2A Power Adapter

## **FEATURES & SPECIFICATIONS**

LED Disco ball light show with remote control

FM Radio

True Wireless Stereo: Connect 2 speakers wirelessly  
(second speaker sold separately)

AUX, USB & MicroSD card inputs

Guitar input

Control Panel

2 Wireless Microphones

2 Additional microphone inputs

Adjustable stand

Speaker Size: 6.5" x 2 + 1.5" x 2

RMS Output Power: 50W, 4Ω

Peak Power Output: 200W, 4Ω

Rechargeable Battery: 12V, 4500mAh

Play Time: 3 hours at max. volume & 4 hours at 50% volume

Frequency Response: 20-20KHZ

Bluetooth Version: V5.0

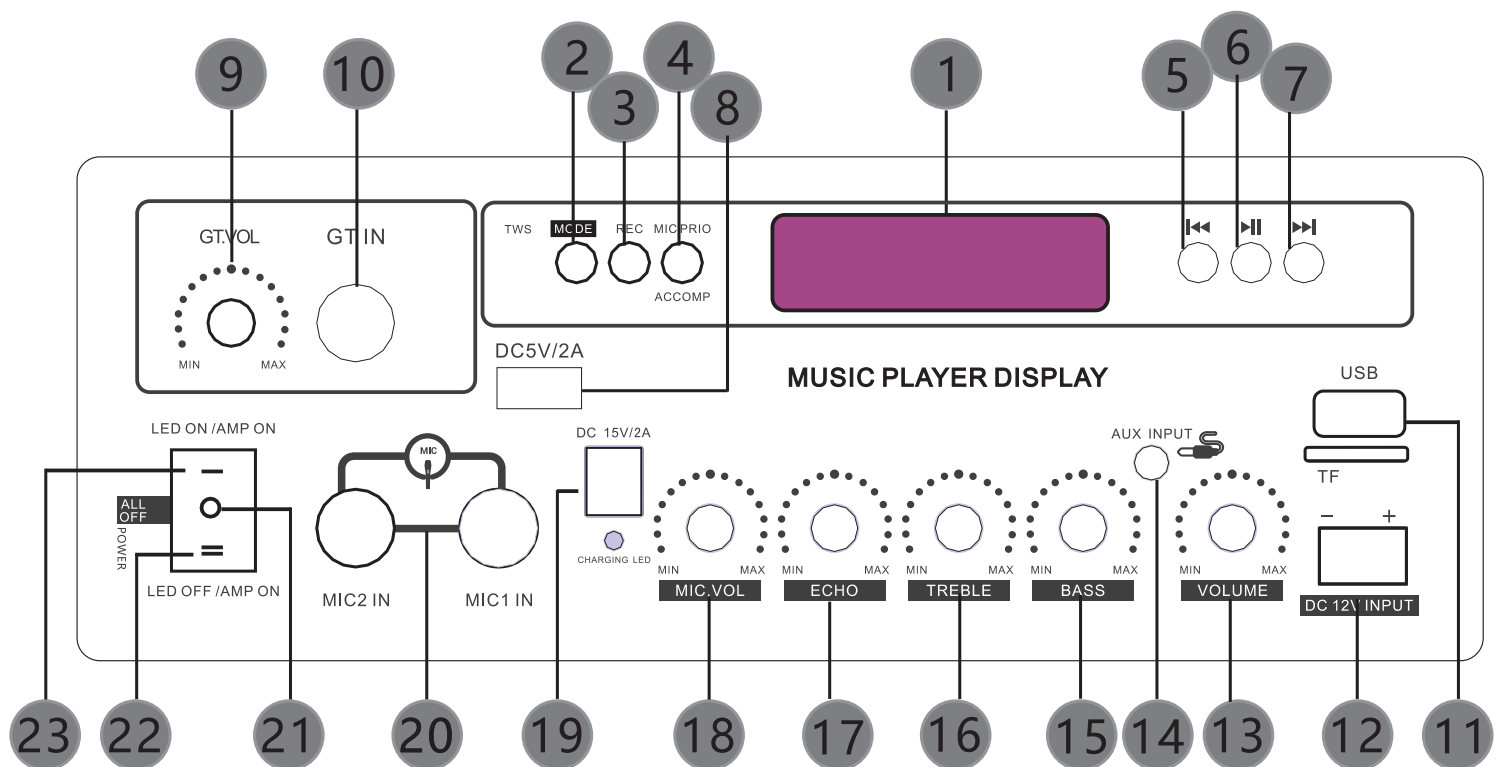
Bluetooth Connecting Range: 10m

Product Size: 470(L) x 210(W) x 260(H)mm

# Product Diagram



# Description and Functions



1. LED digital display

2. **MODE**: Audio conversion

"USB", Read the USB memory stick content

"Bluetooth", Select the Bluetooth connection

"80.9", Select the radio mode

"L", Select an external audio source inputs

**In Bluetooth mode, long press this button to enter the Bluetooth synchronization function. If you need to exit, press any button**

3. **REC**: Insert a storage medium, press the button to record

4. **ACCOMPANY**: Long press this button to cancel the vocal part of the song. Long press this button again and the voice part comes back

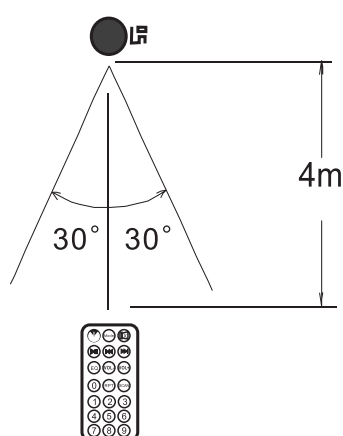
**MICPRIO**: Tap this key to display P: On and turn On microphone priority. Tap this key again to display P: FF and turn off microphone priority

## Description and Functions

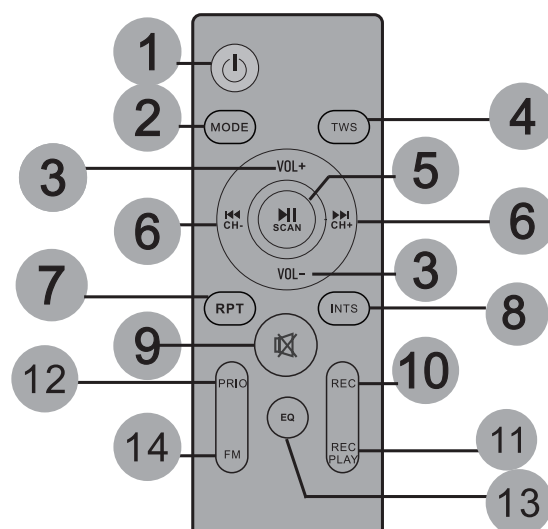
5. **⏮** :USB Disk Mode and FM mode, return to the previous song or previous channel
6. **▶** :USB Disk mode, play or pause; FM mode, press for 3 seconds to automatically search for radio stations
7. **⏭** :USB Disk Mode and FM mode, Select the next song or the next channel
8. DC 5V output(led ball power)
9. Guitar volume
10. Guitar input
11. USB/TF slot
12. DC 12V input
13. Music volume
14. AUX input
15. Music Bass volume
16. Music Treble volume
17. Music ECHO
18. Microphone volume
19. DC 15V input(AC)
20. Two wired microphone input
21. Power switch: “O”power off ;
22. Power switch: “=” Turn on the speaker lights at the same time
23. Power switch: “-” Turn on, but do not turn on the speaker light

# Speaker remote control function

Sensor remoto



To use the remote control,apuntele to the remote sensor on the front panel and the rear panel,the remote control has a range of up to 4 meters of sensors at an angle of up to 60 degrees



1. Press to turn on or activate the “standby” mode when the switch of ignition in the rear panel is in the “on position”
2. Audio source mode conversion , Please refer to the second point of the function description of the main control board for specific operation
3. Press repeatedly to lower/raise the volume
4. Press this button in Bluetooth mode to enter Bluetooth synchronization feature.If you need to exit, press the mode key
5. Play/Pause
6. Press to skip back/adelante to following content of music
7. Repeatedly press the button to select the single to loop or play randomly
8. Press the button repeatedly to enter or exit the accompaniment mode
9. Press the button repeatedly to enter or exit mute mode
10. Insert a storage medium, press the button to record
11. Rec play
12. Priority to microphone
13. Music style
14. FM mode

# Disco Ball Remote Control

## Manual of remote controller

Open and close LED  
Quickly on / off by this button.

Suspend start mode  
Pause and start with this button

Burst mode  
Set automatic flash,

MUSIC 1  
MUSIC 2  
MUSIC 3

FLASH

MENU OF MODES  
A1-blue white    A2-purple green  
A3-red yellow    A4-green purple blue  
A5-red green purple  
A6-white blue purple  
A7-Auto

LED

DMX

STOP  
START

Sound Active mode  
MUSIC 1: sound active mode, light off  
MUSIC 2: sound active mode, dynamic  
MUSIC 3: sound active mode, strobe effects

Motor rotation mode  
- + button to adjust the speed of the motor

LED REMOTE AC 6666

| Technical Parameters |                     |
|----------------------|---------------------|
| Light source         | 3X1W,6X1W           |
| Source lifetime      | Rated 200,000 hours |
| Power supply AC      | 100-240V/50-60HZ    |
| Power supply DC      | 5V/1A               |
| Rating power         | 3W,6W               |
| Effect               | LED magic ball      |

## Attention

- 1 .Please read these operating instructions carefully to familiarise yourself with the basic operations of this unit BEFORE USE.
- 2.Unless the instructions have already stated, please do not freely modified the unit.

## Safety Tips

1. Before installation and maintenance, please confirm the power is OFF make sure that the ventilation around the unit is good.
- 2.The lighting is designed for indoor demonstration, please do not use this product in a wet environment for long-term.
- 3.The use and maintenance of this unit should avoid contact with water, when using it outdoor, please take waterproofing measures.
- 4.Personnel, who undertake the installation, operation and maintenance, must be familiar with the lighting performance. Damage may result from misuse.
- 5.Do not face up to the luminous unit for a long time, so as not to cause discomfort to your eyes.
- 6.To keep clean, wipe the unit with a clean cloth.

# Installation of the Microphones Stand

## 1. Step 1 - Gather parts:

Extendable Microphone Stand



Adjustable Arms



Triangular bracket



Microphone clip



Tablet Holder



Disco Ball Bracket



Step 2: Insert the base of the extendable pole into the post hole found on top of the speaker



# Installation of the Microphones Stand

3. Step 3, fix the triangular bracket to the top of the microphone stand. Note that, it's important to fix the triangular bracket to the stand at first, it will be convenient for you to complete the following steps.



4. Fix the 2 microphone clips to the arms.



5. Fix the arms to the triangular bracket.



6. Clip on the microphones



7. Adjust the height of the microphone stand.



8. Fix the tablet holder to the stand



9. Fix the clip of the Disco Ball bracket to the stand



# Installation of the Microphones Stand

0. Fix the DJ light. Note that, the karaoke machine come with a portable DJ light, you can clip on the DJ light on the microphone stand or put it anywhere you want.



# How to use

1. Press the Power ON/OFF button to turn on the device.
2. How to use USB/SD?
  - ① The SD card/USB disk can only be inserted in one direction, if failed, do not force it into the slot, remove it and try another direction.
  - ② It will start USB mode directly when turning on the speaker, if the USB disk or SD card is inserted, the speaker will read the content on the USB disk or SD card and play.
3. How to pair the bluetooth:
  - ① Switch the mode to BT mode on the speaker, and turn on the BT function of the device to be paired, search the speaker BT named: "IQ-906K", pair it with the device.
  - ② Play the music on your device directly and enjoy.
  - ③ The speaker could only be paired with one device via BT at a time.
  - ④ The speaker will automatically connect to the device paired successfully last time when it is turned to BT mode. To connect it to a new BT device, firstly, please disconnect the device connected last time, secondly, start from step ①.
  - ⑤ After the speaker's BT is successfully connected, if there is no sound, please check if the volume of the speaker or the source is on.  
If the problem remains, turn off the speaker and restart and re-pair it.
4. Turn on the microphone, the 2 wireless microphone are powered by 4 AA batteries (No included), install 2 batteries for each microphone, and you can start singing now.
5. How to pair with TWS

In Bluetooth mode, long press the mode button to enter the Bluetooth synchronization function. If you need to exit, press mode button still.
6. How to use DC 5V power input

DC 5V power input is for the disco ball, plug the power cord of the disco ball here and the disco ball is ready.

# NOTES

- The speaker will automatically connect to Bluetooth A that matched successfully last time. To connect to another Bluetooth B, first turn on B's Bluetooth function, then restart the speaker's Bluetooth and let the speaker's Bluetooth re-pair
- After the Speaker Bluetooth is successfully connected, if it does not play or there is no sound, please check if the volume on the speaker or the source is on. If it still doesn't work, turn off the speaker and restart and re-pair
- The SD/USB device should be properly inserted, otherwise it may cause damage
- The speaker only supports SD/USB devices with system of files FAT/FAT 32,max 32GB. The larger the capacity of the device, the more slowly the speaker reads the data.
- In SD/USB mode, only MP3 files is supported by the speaker.
- Turn off the speaker before removing the SD device
- If the SD/USB device is not plugged in,the USB mode will not be available.
- If the speaker is not used for a long time, please charge it every three months, otherwise the battery may be damaged.

# WARRANTY

Supersonic Inc. ("Supersonic") warrants this product to the original purchaser ONLY, to be free from defects in materials and workmanship under normal use, for ninety (90) DAYS from the date of original purchase. Proof of purchase (receipt) required. Please visit <https://www.supersonicinc.com/pages/warranty> for additional information.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

#### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.