

## PUBLIC ADDRESS SYSTEM

**itC**

**Warning**

1. Do not block the vents.
2. If the wire is damaged, stop using it immediately.
3. The amplifier should avoid poor ventilation; dusty; direct sunlight; high ambient temperature or heat sources; vibration.
4. Avoid water droplets or water splashes
5. Don't place vases or other objects filled with liquids on it.
6. The cabinet should be safely grounded.
7. The power plug and socket should be compatible.
8. In order to avoid electric shock, please do not open the cover of the cabinet by yourself. When the device fails, please find a supplier or a manufacturer for maintenance, or you can entrust a professional department with a professional certificate. Non-professionals are not allowed to disassemble the machine by themselves, so as to avoid electric shock accident and endanger the life safety of operators.

Technical specifications and parameters are subject to change without notice

**OWNER'S MANUAL**

**itC**

**Intelligent Multimedia Speaker System**

## PUBLIC ADDRESS SYSTEM

■ **CK-0401**

■ **Multimedia Active Speaker**



In order to use it correctly, please read this user manual in detail.

**OWNER'S MANUAL**

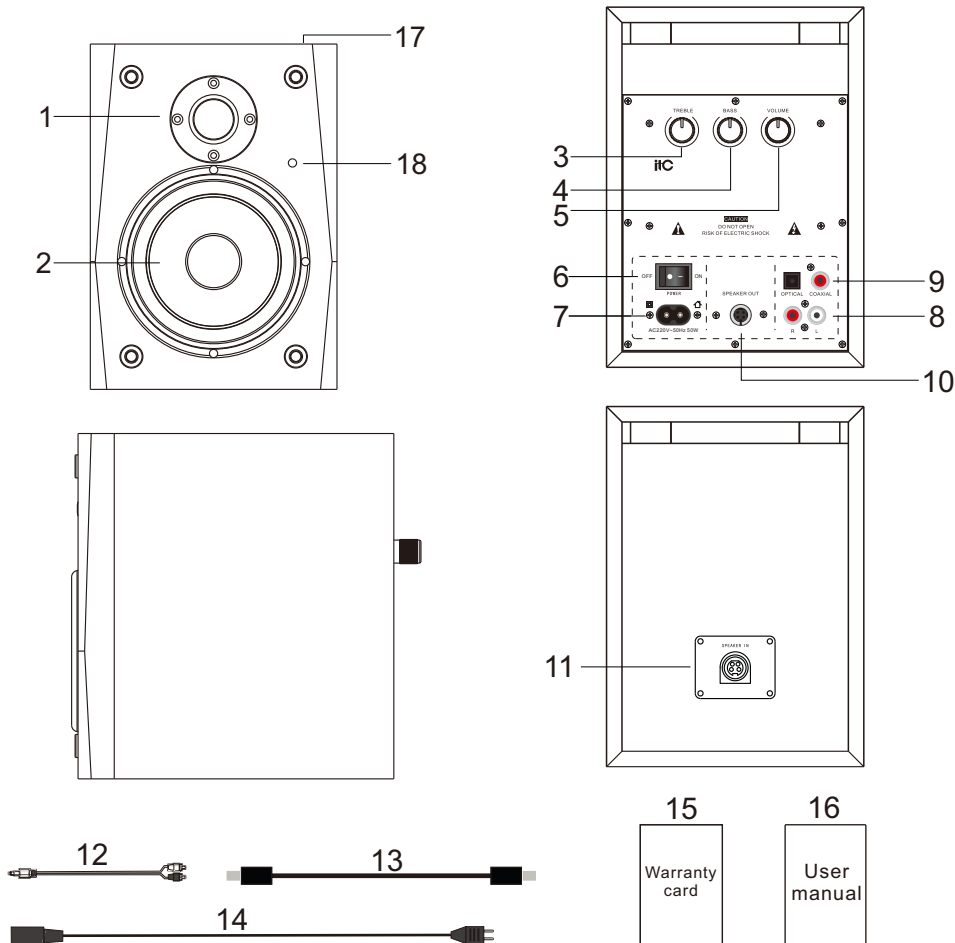
# Multimedia Speaker

## 1. Unpacking

This speaker adopts excellent packaging materials to avoid damage during transportation. Please carefully check whether the following accessories are all inside when unpacking.

- ✔ One main speaker
- ✔ One auxiliary speaker
- ✔ One speaker cable
- ✔ One audio cable to connect 3.5mm headphone to RCA
- ✔ One power cable
- ✔ One copy of user manual, warranty card and certificate

## 2. Diagram and functional description of electrical components



# Multimedia Speaker

Input sensitivity: AUX: 450±50mV, fiber/coaxial: R/L: 400±50mVFS, Bluetooth: R/L: 600±50mV tweeter: 20mm dome tweeter  
 Woofer: 4-inch mid-woofer  
 Speaker size: 150 (width)%203 (deep)%210 (height) mm  
 Structure: 2.0 channel active electronic crossover speaker  
 Weight: main speaker about 3.84kg, auxiliary speaker about 2.68kg

## 10. Name and content of toxic and hazardous substances or elements



The meaning of this table is: the electronic information product may contain some toxic and hazardous substances (As shown in the table below). You can use the product safely during the period of environmental protection use. After the period of environmental protection use, the product should enter the recycle system. This mark means that the environmental protection use period is 10 years (from the date of production).

Part Name	Toxic and harmful substances or elements					
	(Pb)	(Hg)	(Cd)	(Cr(VI))	(PBB)	(PBDE)
Cable	X	O	O	O	O	O
Metal parts	X	X	X	X	O	O
Wooden parts	X	O	O	O	O	O
Plastic parts	X	O	O	X	O	O
Circuit board assembly	X	O	O	O	O	O
Transformer	O	O	O	O	O	O
Horn speaker	O	O	O	O	O	O
Packaging material	O	O	O	O	O	O

O: Indicates that the content of this toxic and hazardous substance in all homogeneous materials of this part is below the limit requirement of the SJ/T 1 1363-2006 standard.

X: Indicates that the content of the toxic and hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement of the SJ/T 1 1363-2006 standard.

Note: The environmental protection use period depends on the normal working temperature and humidity conditions of the product.

## 11. Maintenance

If the fault cannot be eliminated by referring to the seventh item "General Faults and Maintenance", please contact the seller in time, and we will deal with it properly according to the specific situation.

## Multimedia Speaker

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Or speaker output port.

- c. Check whether the speaker cables from the main speaker to the auxiliary speaker are plugged in.
2. Completely silent
  - a. Check whether the power cord is well connected and whether the power switch is turned on;
  - b. Check whether the audio cable between the speaker and the computer sound card is open or short-circuited;
  - c. Check whether the driver of the computer sound card is installed.
3. One channel is silent
  - a. Check whether the channel balance joystick in the volume control panel of the computer operating system is centered;
  - b. Check whether the plug of the audio signal line is in poor contact;
  - c. Check whether the speaker cables from the main speaker to the auxiliary speaker are fully inserted in place.
4. Maintenance
  - a. Please turn off the power and unplug the power plug if it is not used for a long time or when you are out.
  - b. Inside the main speaker, unauthorized maintenance personnel should not open it to avoid the risk of electric shock.
  - c. Please use speakers and enjoy music at an appropriate volume, so as not to damage your hearing and affect the system.
5. Caution!

The disconnect device of this equipment is a full-level switch, please pay attention to protect the plug and socket housing intact; Keep away from high temperature, liquid, corrosive and viscous materials; to ensure normal function and convenient operation.

## 8. Performance Introduction:

It adopts all wood, MDF, low radiation and high strength structure to eliminate harmful resonance and sound. The rear inverter hole design enables the woofer more powerful and pure. It enjoys professional electronic crossover design, woofer and tweeter crossover, clear, soft and moving tweeter, strong and powerful woofer. The woofer and tweeter are connected smoothly and naturally. With no interference anti-magnetic design, users can place it near the display or TV.

The luxurious spray-painted decorative housing, the surface of the precious wood-grained decorative pieces, elegant appearance.

## 9. Specification

Amplifier output power: 25W\*2 music peak  
Amplifier SNR dB(A): ≥85dBA  
Distortion: THD<1%

## Multimedia Speaker

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- |                                   |  |
|-----------------------------------|--|
| 1. Tweeter                        | 10. Main speaker power output interface                              |
| 2. Woofer                         | 11. Power input interface of auxiliary box                           |
| 3. Woofer adjustment knob         | 12. Audio cable to connect 3.5mm headphone plug to double lotus plug |
| 4. Tweeter adjustment knob        |  |
| 5. Total volume adjustment knob   | 13. Speaker cable  |
| 6. Power switch                   | 14. Power cord   |
| 7. Power socket                   | 15. Warranty card  |
| 8. Audio signal input interface   | 16. User manual  |
| 9. Coaxial signal input interface | 17. Channel state switching touch panel                              |
|                                   | 18. Channel status light   |

## 3. Speaker placement and environment requirement

### 1. Speaker placement

The main speaker is placed on the right side of you, and the auxiliary speaker is placed on the left. When listening to music, the distance between the two speakers are required to be more than 75cm, which is conducive to generating a real and natural sound field; it is recommended that you carefully adjust the distance and angle in order to obtain a satisfactory stereo effect and reproduce the sound field and sense of space of the music.

In addition to the quality assurance of the equipment, the listening environment needs to be treated appropriately to reduce unnecessary reflections and make the reverberation time as appropriate as possible. The placement of the speaker in the room directly affects the sound effect, the transparency of the sound, and even whether the sound field is truly reproduced; the size, proportional structure and indoor furnishings of the room will also affect the listening effect. Pay attention to the length, width and height of the room. The size cannot be an integer multiple (such as 2 times, 4 times, etc.), otherwise it will produce standing waves (harmful resonance waves), making the bass become muddy and unclear. Large-area smooth walls and glass windows will cause strong reflection of sound waves, blur the sound image, and cause damage to the sound field reproduction and positioning.

### 2. Several simple ways to handle the listening environment:

Carpet partially or completely on the floor of the listening area in the room to eliminate the reflection of sound waves on the smooth bottom surface.

Stick or hang sound-absorbing materials on smooth walls that reflect strong sound waves in the room, or hang some cotton and linen fabrics. The curtains can be replaced with multi-layered curtains, and thick fabrics to eliminate the sound reflection and resonance of the glass windows.

## 4. Speaker Connection

1. Line input connection: Insert the randomly distributed 3.5MM audio signal cable plug into the sound source device, and connect the red and white plug to the corresponding LR red and white connector of the speaker.

## Multimedia Speaker

### 2. Bluetooth connection:

- (1) Turn on the Bluetooth of the mobile phone to be connected, and set the Bluetooth to be searchable.
  - (2) After finding the Bluetooth name (TS-BL), select Connect.
  - (3) Click Connect, if the phone shows that it is connected, indicating that the connection is successful.
  - (4) Open the phone player and choose to play music.
3. The digital optical fiber and coaxial signal lines are connected to the corresponding interfaces of the device (the wires must be configured by themselves).
4. Connect the wire of the main speaker with the auxiliary speaker.
5. Turn the volume knob to a moderate state, and the treble and bass knobs can be adjusted to the middle position.

### 6. The power connection of the speaker:

First, put the power switch to the OFF position, then connect the end of the 8-character power cord to the AC220 50HZ power port of the main speaker, and then connect the power plug to the power plug board.

### 7. Carefully check the above steps to confirm that all connections are correct.

### 8. Power up

The first power on is the AUX line channel connection by default. At this time, the status indicator on the front panel is green. Adjust the volume knob again to the appropriate volume level, and then you can start listening to the beautiful music.

### 9. Switch the sound channel:

The power supply defaults to the AUX line input channel every time the power is turned on: press the white circle on the top of the speaker (that is, touch the control area), and the indicator light on the speaker panel will change color every time it is pressed.

### Indicator description:

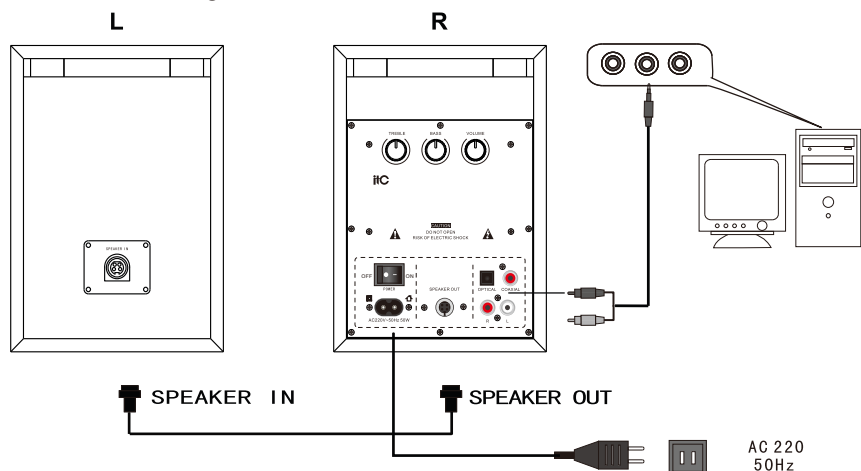
Green: AUX input

Yellow: optical fiber input

Blue: Bluetooth input

Light blue: coaxial input

### 2) . Connection Diagram



## Multimedia Speaker

### 5. Speaker Aging

A speaker is a transducer that converts audio signals into mechanical vibrations to produce sound. It is composed of many mechanical parts and electronic components, just like a newly-purchased car takes a period of time to "run-in". Although the speakers have undergone many processes and time intensive aging before leaving the factory, further aging and stabilization of newly purchased speakers at home is beneficial to stabilizing the sound, removing the harshness, and improving the sound quality.

It usually takes between 48-100 hours. At home, you can also synchronize music playback with aging. Because when listening to music at a normal medium volume, the process itself is also aging. It will take one month if you listen to it for 2-3 hours a day.

### 6. Maintenance

It enjoys well-selected material and fine craftsmanship. Under the environment that meets the requirements, it can work stably for a long time without special care. The speaker should avoid contact with corrosive liquids and gases. It is not suitable for long-term storage in places with large temperature/humidity changes, or long-term direct sunlight. The vase or other container filled with liquid cannot be placed on the device (or next to it). If there is dust, it can be cleaned regularly with a clean soft cloth. If there are stains, it can be wiped with a detergent that does not contain strong chemical solvents.



Avoid magnetization interference



Do not touch the speaker diaphragm with your hands



Avoid contact with corrosive liquids and gases



Not suitable for long-term storage in places with large temperature/humidity changes

### 7. General failure and maintenance

#### 1. Poor sound quality

- a. Check whether all the speakers are working normally, and judge whether there is a speaker failure and damage;
- b. Check whether the audio signal cable is connected to the front 2.0 headphone output port of the computer sound card