



# **Bluetooth Audio Control Box**

**AKZQ04-A0**

## **User Manual**

**Version V0.10**

Thank you for choosing our product. Please read this user manual carefully before use.

**Manufacturer: Hangzhou Zhiyuan Technology Co., Ltd.**

**Address: No. 10, Naxian Street, Liangzhu Continental Industrial Park,  
Hangzhou, Zhejiang, China**

## 一、 Technical specifications

- 1、 Input Voltage: DC 29V
- 2、 Input Current: 1A
- 3、 Bluetooth Protocol: Bluetooth 5.0
- 4、 Speaker Rated Power: 8W × 2 (Stereo)
- 5、 Frequency Response: 20-20000Hz
- 6、 Speaker DC Impedance (Measured by Multimeter): Min 3.5Ω, Max 4.5Ω

## 二、 Functional Features

- 1、 Auto-play music once Bluetooth is connected.
- 2、 Dual-Phone Bluetooth Connection: The device supports simultaneous pairing with two smartphones.

Audio Source Switching: To switch between phones:

First pause playback on the currently active phone

Wait 2-3 seconds

Then resume playback on the second phone

Single Touch Sensor Controls:

- 1、 While powered off, double-tap the sensor to activate Bluetooth.
- 2、 During music playback, double-tap the sensor to skip to the next track.
- 2、 Tap the sensor 3 times to pause or resume playback.
- 3、 Tap the sensor four times in a row to activate the TWS pairing mode. You will hear a prompt sound "pairing."

Dual Vibration Sensors:

- 1、 In power-off state, double-tap either the left or right vibration sensor to enable Bluetooth.
- 2、 While music is playing after powering on, tap the sensor twice in a row to switch to the next song (right vibration sensor) or the previous song (left vibration sensor).
- 3、 Tap the left or right sensor three times in a row to pause/play.
- 4、 Tap the left or right sensor four times in a row to activate TWS pairing mode; you will hear a "pairing" prompt.

### 三、User Manual

1、After assembling the system according to the configuration diagram and powering on the control box, Bluetooth will automatically turn on with a "Power on" prompt. If no device connects to Bluetooth within 30 minutes, Bluetooth will automatically turn off with a "Power off" prompt.

2、After turning on Bluetooth, search for the Bluetooth name “Sofa Speaker\_Nxxxxx” in your phone's Bluetooth settings. Once connected, it will broadcast “Connected successfully” and automatically start playing music (only for phones supporting the AVRCP protocol). Double-tap the vibration sensor consecutively to switch to the next or previous song. Both computers and TVs can also find and connect to this device via Bluetooth, with operation similar to connecting a phone.

3、After disconnecting the Bluetooth, it will automatically turn off and broadcast "Disconnection". If there is no power-off operation, it will broadcast "Power off" after 30 minutes.

4、You can reopen Bluetooth using the following two methods:

①Power off, then power on again.

②Tap the vibration sensor twice in quick succession.

### 四、List of Voice Prompts

Chinese-English Reference		
No.	Chinese	English
①	连接成功	Connected successfully
②	蓝牙断开	Disconnection
③	关机	Power off
④	开机	Power on
⑤	组队	Pairing
⑥	组队成功	Pairing successful
⑦	组队失败	Pairing failure

## **FCC Warning:**

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.

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.

Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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