

Bluetooth Speaker



Introduction to Bluetooth speakers

Bluetooth speakers transmit data through Bluetooth technology. The data here refers to music or audio files. The data is processed by the Bluetooth circuit board and the speakers of the speaker play wonderful music. Bluetooth technology has covered most of the current smart phones. Bluetooth technology has become a data transmission technology recognized by global mobile phone manufacturers.

Bluetooth technology is an open global specification for wireless data and voice communication. It is a special short-range wireless technology connection based on a low-cost short-range wireless connection that establishes a communication environment for fixed and mobile devices.



Prepare small production materials

You need to prepare a small screwdriver, a lighter and two pairs of AA batteries. During the production process, you need to use a screwdriver to install the screws. You need to use a lighter to remove the wire skin and take the heat shrinkable tube. After the production is completed, you need to use the battery to make the model, normal work.



Precautions

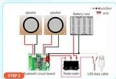
- Hello kids! Please be careful when opening the material package to avoid sudden loss of small materials. Loss of small materials may cause your small production to fail.
- Children, please don't assemble small productions separately, making them alone may be dangerous. You must make them with the company of your parents or teacher!
- If you want to easily make a small production model, you need to read the instructions carefully and follow the steps to make it. If you don't understand, you can ask your parents or teachers. Asking for help from others is also a kind of learning!



Do it with me



STEP 1 Prepare small production materials.



STEP 2 Circuit wiring reference diagram



STEP 3

- Use a lighter to peel the ends of the USB data cable and the battery box wire using method like lighter is shown for 2 seconds. Then quickly remove the burnt wire skin by hand, and remove 5mm wire skin. Attention: Children must be careful not to get burned when using a lighter. You can also ask parents to help make the step.



STEP 4

- Install the rocker switch on the top plate of No. 2. Insert the metal pins of the rocker switch on the top plate of No. 2, and then align the rocker switch with the switch groove of the top plate of No. 2 and press it down gently. Beager force from lighter may be prevented damage caused by excessive force. After switch is located on both sides will automatically pass the switch skin on the top plate of No. 2.



STEP 5

- First, pass the wire of the battery box through the wire hole on the rear plate of No. 2, and then install the battery box on the rear plate of No. 2 with 4mm coarse-grained screws.



STEP 6

- Pass the USB data cable through the wire hole on the side plate 3. Note: Insert the USB data cable through the hole on the patterned side of the 3 board.



STEP 7

- First put a heat shrinkable tube on the pink wire of the USB data cable. Then connect the metal core of the pink wire of the USB data cable to the metal piece of "3" corresponding to the rocker switch gaffers, and finally cover the heat shrinkable tube on the core And the connection point of the metal sheet.



STEP 8

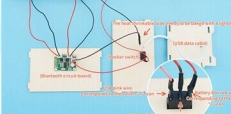
- Use 4mm coarse-grained screws to fix the speaker on the front panel of No. 4. Note: The screws are installed on the side of the plate. It is not a gaffers. Check whether the speaker fits in the center of the two circles of the plate 4.



- STEP 9**
- Use fine-course grained screws to install the Bluetooth circuit board on the base plate No. 9. **Note:** The Bluetooth circuit board is the size of a standard Bluetooth speaker. After installing the screws, please tighten the screws as much as possible, and do not damage the electronic components of the bottom of the circuit board.



- STEP 10**
- Refer to the STEP9 circuit wiring reference diagram, first install the white terminal of the speaker corresponding to the white terminal dot on the Bluetooth circuit board, and then install the other white terminal corresponding to the red terminal dot on the Bluetooth circuit board. **Note:** When installing the terminal, the pins must be aligned before installation. Use of force here will damage the components.



- STEP 12**
- As shown in the figure above, refer to the STEP9 circuit wiring reference diagram, first put the heat shrink tube on the red wire of the battery box and the white terminal wire, connect the metal core to the corresponding metal pins of the rocker switch, and cover it with the heat shrink tube. And then twist the white wire of the USB and the black wire of the white terminal wire and the black wire core of the battery box together, cover it with a heat shrinkable tube and take it to shrink it.



- STEP 13**
- Refer to the figure above to assemble the No. 1 top plate, No. 2 bottom plate, No. 3 and No. 4 side plates. **Note:** The posterior side of all boards faces the outside, and the two feet are uniformly facing down.



- STEP 14**
- First arrange the wires into the box, and then install the No. 5 front plate on the No. 2 and No. 3 side plates with fine-course grained screws. **Note:** The front of the box is facing down.



- STEP 15**
- Install the No. 2 rear plate on the No. 3 and No. 4 side plates with fine-course grained screws. The Bluetooth speaker is completed. **Note:** The front of the box is facing down.



- STEP 16**
- How to use the Bluetooth speaker (not to be used to supply power to the USB, connect the USB to the device with the corresponding interface (charger, power bank, computer, etc.), adjust to make it power the battery, install the battery on the battery box, and turn on Bluetooth. And the USB Bluetooth speaker connection, and the Bluetooth speaker will automatically prompt when the connection is completed.

Having trouble with projector? See if the following problems have occurred

1. Why can't the Bluetooth speaker be operated after installation?
 1. Check whether the wires are connected correctly, please refer to the STEP9 circuit wiring reference diagram.
 2. Check whether the wire connector is loose, and it is recommended to reconnect the wire.
2. The Bluetooth speaker can be turned on after installation, why can't it connect to Bluetooth?
 1. Check whether the Bluetooth of the mobile phone is turned on, if the Bluetooth of the mobile phone is not turned on, the Bluetooth speaker will not be connected.
3. Why is it disconnected after Bluetooth connection?
 1. Check whether the battery is low, it is recommended to replace the battery.
 2. The device's power fails to provide power will cause Bluetooth to disconnect.

Common knowledge

Bluetooth technology
 Bluetooth is a radio technology that supports short distance communication between devices (generally within 10m). It can exchange information wirelessly among many devices including mobile phones, PDA, wireless headsets, wireless computers, and related peripherals. The use of "Bluetooth" technology can effectively simplify the communication between mobile communication terminal devices, and also successfully simplify the communication between the device and the network, so that data transmission becomes faster and more efficient, and breaks the way for wireless communication.