Warm this scientific equipment is an educational product and needs to be used under the guidance of teachers or adults!

Tips contain small parts, not suitable for children under 3 years old, all parts cannot be imported

# Bluetooth audio

# Production instructions

## Brief Introduction

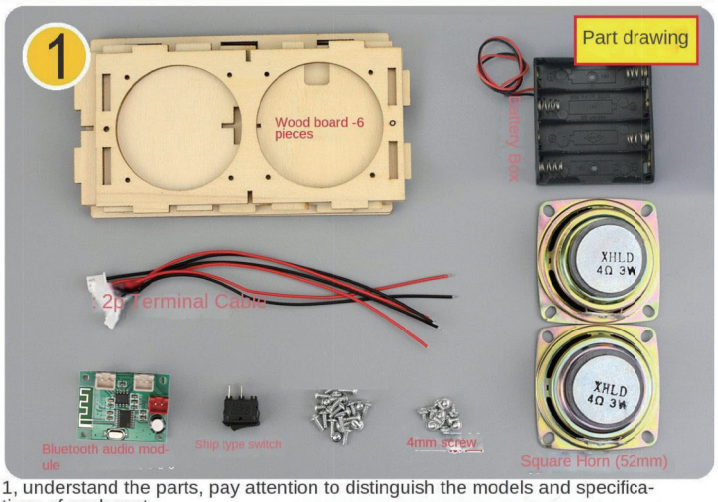
Bluetooth speaker refers to the built-in Bluetooth chip, which replaces the audio equipment connected by traditional wires with Bluetooth connection, and achieves the purpose of convenience and quickness by connecting with Bluetooth playing equipment such as mobile phone tablet computers and notebooks.

That is to say, Bluetooth technology is applied to traditional digital and multimedia speakers, so that users can freely listen to music in various ways without the trouble of annoying wires. Since the advent of Bluetooth speakers, with the development of intelligent terminals, mobile phones have become cheaper. Extensive attention from users such as boards.

Required Tools: screwdriver, scissors, lighter, etc.

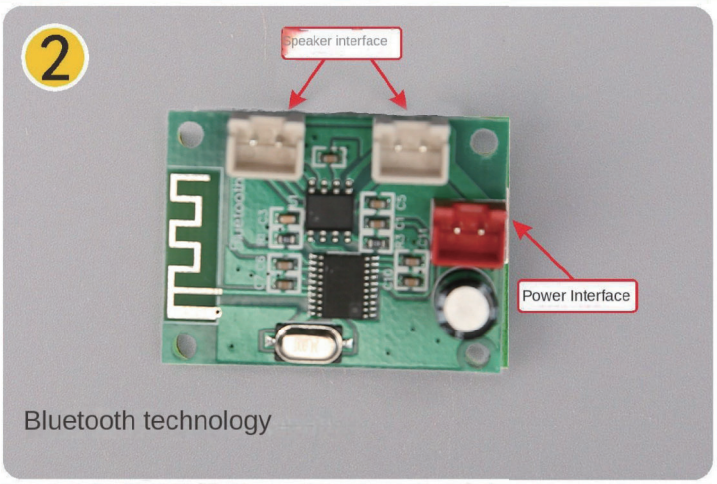
## Procedure

"I don't remember when I hear it. I remember when I see it. I understand when I have done it!"

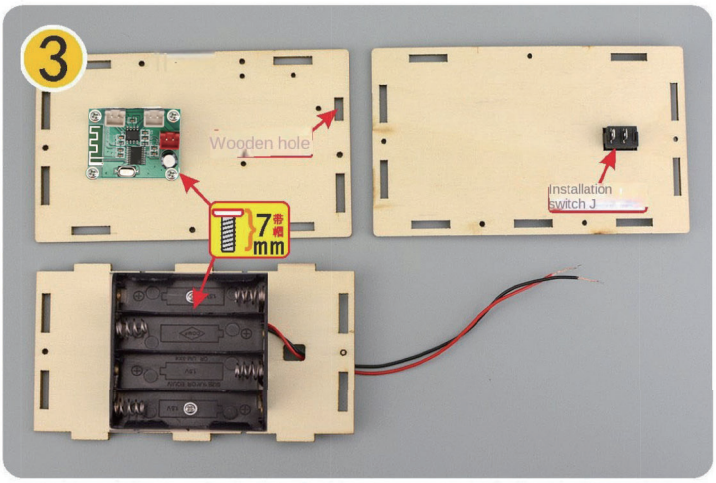



1, understand the parts, pay attention to distinguish the models and specifications of each part.

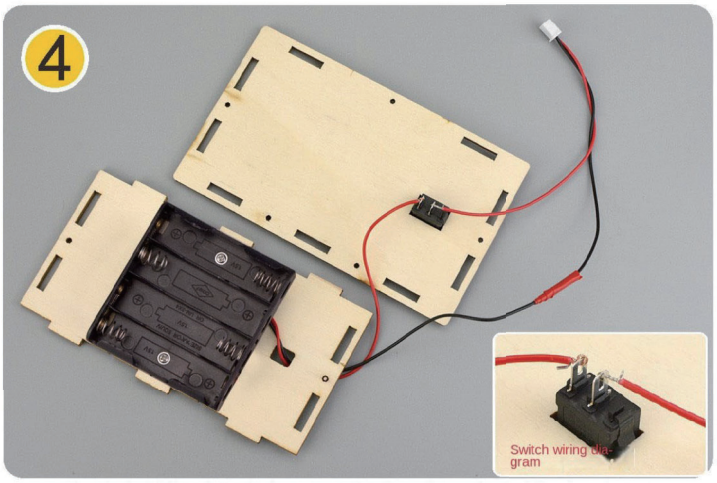
(Bring your own screwdriver, scissors, tape and other tools)



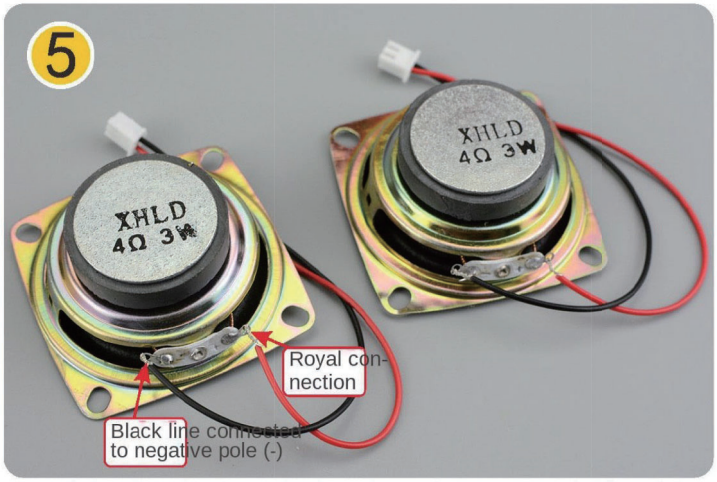

2, understand the Bluetooth module, pay attention to distinguish the speaker interface and power interface. (The Power terminal interface is red!)




3. Use 7mm screws to install Bluetooth module, switch and battery box on three boards respectively. (Pay attention to distinguish the direction and hole position of the board!)

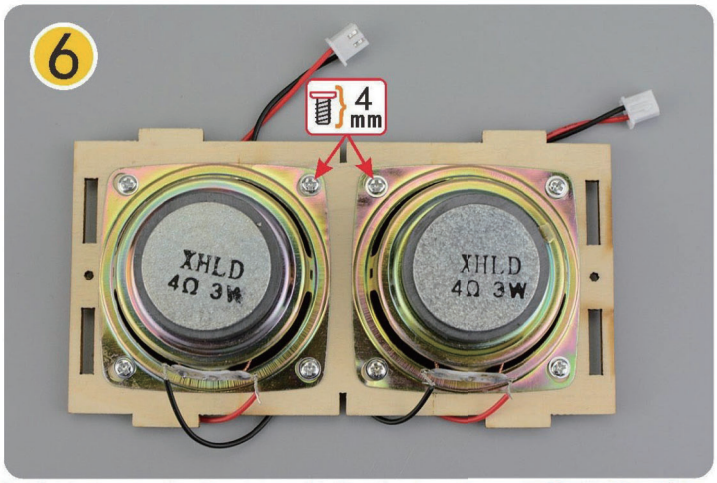



4. Peel out the wire head about 2cm first, then connect the battery box, switch and 2p terminal wire. Finally, bind the black wire connector.

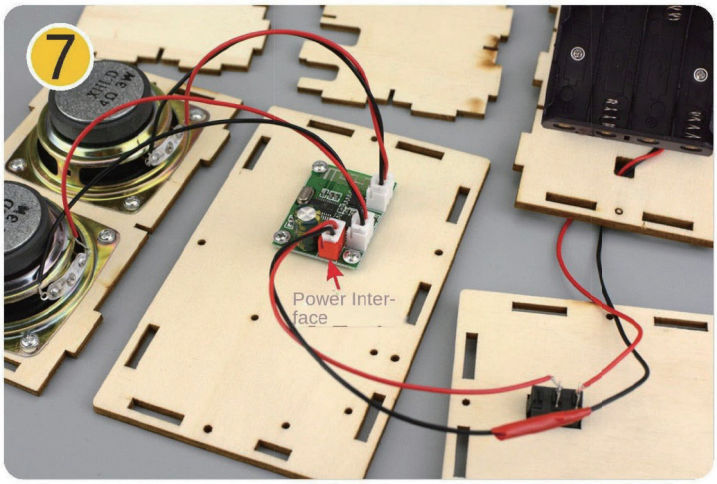



5. Peel the thread head about 2cm and connect 2p terminals on the two loudspeakers

Line, note that the black line is connected to the left and the red line is connected to the right.

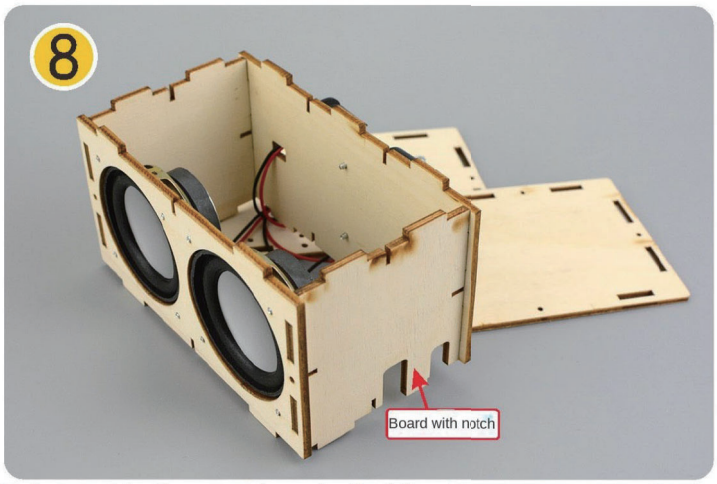



6. Use 4mm short screws to fix the two horns. (Pay attention to using short screws!)



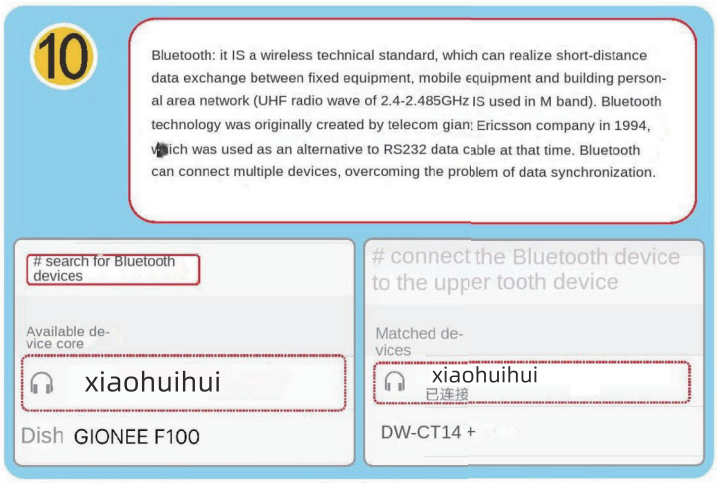

7. Insert the 2p terminal of the horn and battery box into the Bluetooth module.

(Note that the power supply is inserted into the red terminal!)




8. Assemble the wooden shell of the stereo, pay attention to the corresponding wood board and notch position.

9. Install the bottom board and the top board. Then use 7mm screws to fix all the screw holes.




10. After the production is completed, connect to the mobile phone or computer Bluetooth, and turn on the music player to play the music test! (Under normal circumstances, the power-on Horn will make Didi noise!)

STEAM is an educational concept, which is different from the traditional education method of single discipline and emphasizing book knowledge. STEAM is a practical concept of multidisciplinary education. The success of anything depends not only on the realization of a certain ability, but also on various abilities. For example, in the construction process of high-tech electronic products, not only science and technology, but also the use of high-tech means to innovate product functions, but also the beautiful appearance, that is, the comprehensive ability of art and other aspects, so the application of single skill can no longer support the development of talents in the future. In the future, what we need is comprehensive talents in many aspects. So as to explore the concept of STEAM education.

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 not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction