

WALKIE-TALKIE KIT



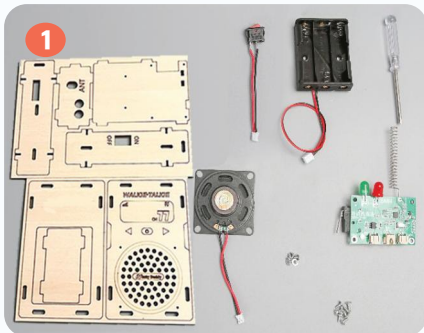
The walkie-talkie kit is mainly composed of a wooden housing, circuit module, switch, battery box, and other components.

This DIY science kit helps develop hands-on skills, basic electronics understanding, and problem-solving ability, while encouraging curiosity and interest in science through hands-on assembly.

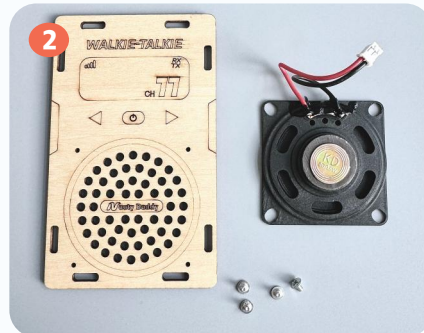
SCIENTIFIC PRINCIPLE

The walkie-talkie converts voice sounds into electronic signals and transmits them wirelessly between devices on the same channel. When a signal is received, it is converted back into sound through the speaker.

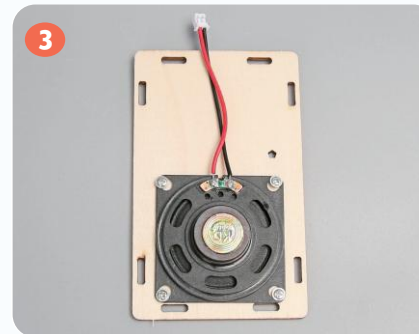
STEP-BY-STEP ASSEMBLY



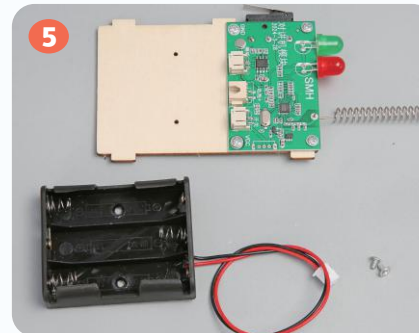
Prepare material package



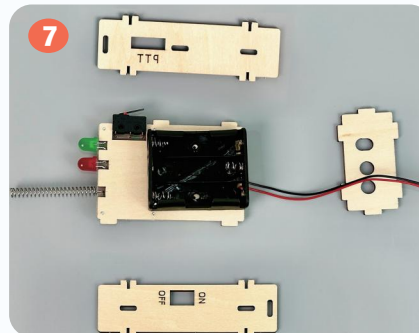
Prepare the above accessories and four 4mm screws as shown



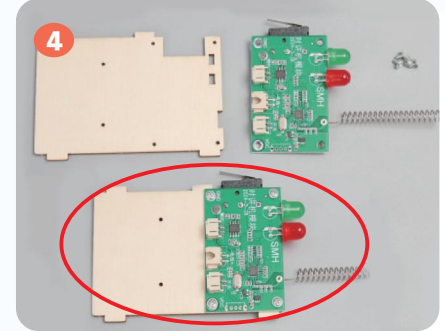
Fix the horn on the back of the front plate with 4mm screws



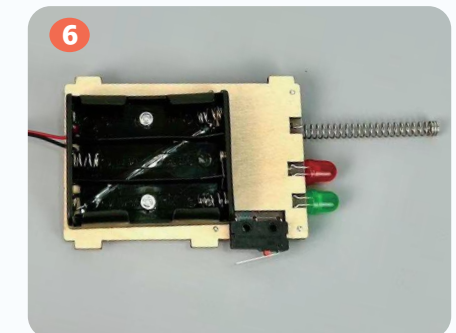
Prepare the parts and 4mm screws as shown.



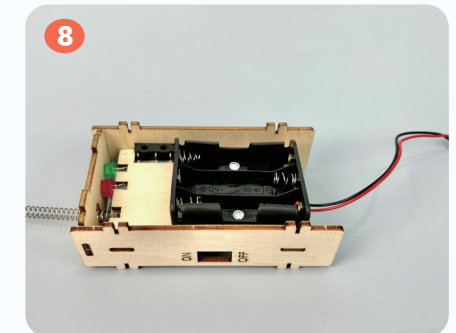
Prepare the parts as shown and position them correctly.



As shown in the diagram, prepare the backplate and circuit board for assembly.

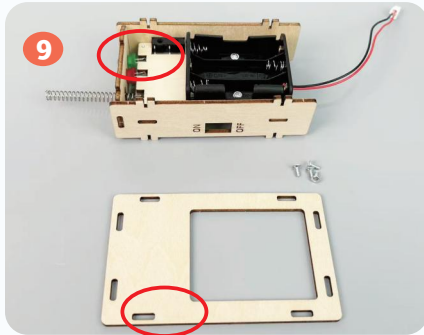


As shown, use 4mm screws to fix the battery box

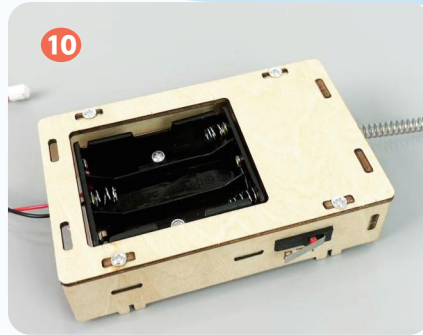


Install the ANT plate first, then fix the circuit board and wooden side panels on both sides as shown.

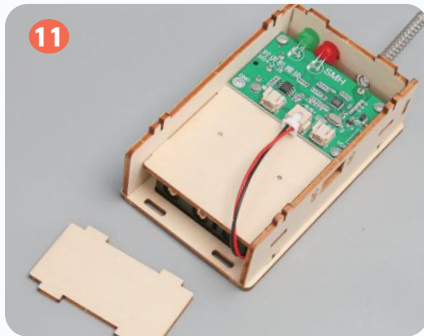
This is a DIY science kit—assemble with adult guidance.
Do not put any parts in your mouth. Handle all small components carefully.



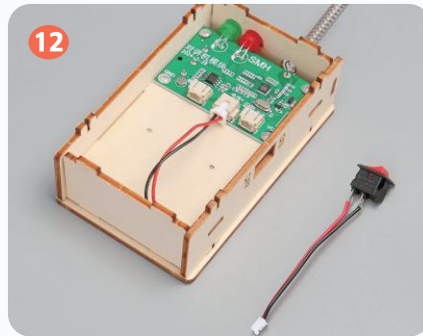
Prepare the parts shown above and four screws as indicated.



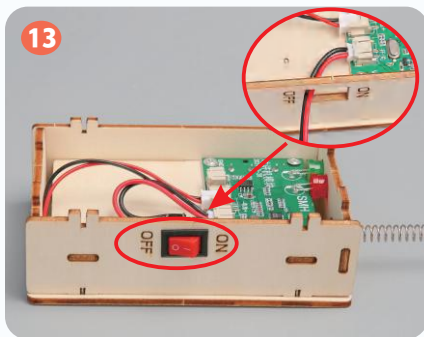
Install and screw as shown



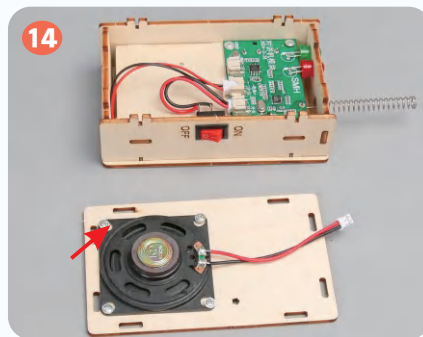
Insert the battery box connector into the slot as shown.



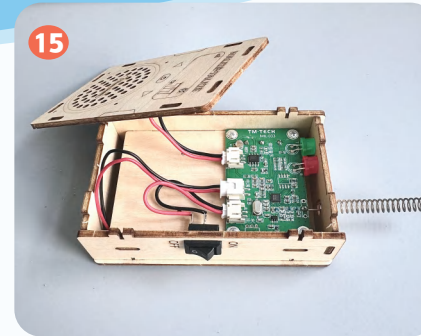
Install the board as shown and prepare the switch



Connect the terminal as shown, then install the switch.



Accessories as shown above



Clamp the horn terminal into the slot as shown, and prepare four 6mm screws



As shown in the picture, install and secure it with screws. Once finished, follow the steps to make another one.

How to Use the Walkie-Talkie

Step 1 | Power On

Slide the power switch to ON.

Step 2 | After both walkie-talkies are turned on, a beep sound indicates the device is ready to use.

Press and hold to talk. Green light turns on while transmitting.



Step 3 | Talk: Press and hold the side button to speak.

The green light turns on while transmitting.

Listen: No button needed. Sound is received automatically.

FCC STATEMENT

1. 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.

2. 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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.