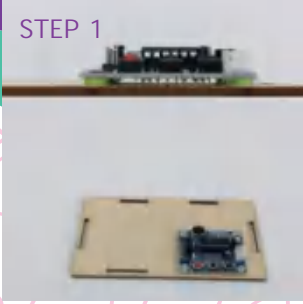


ASSEMBLY PROCESS:

STEP 1



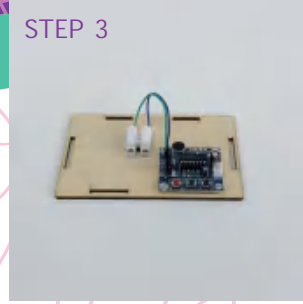
Assemble the recording module to the base board by screws. Put the shaft sleeves under the screws.

STEP 2



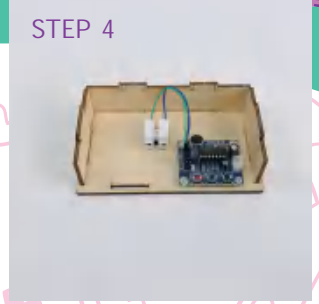
Insert dupont line into the recording module.

STEP 3



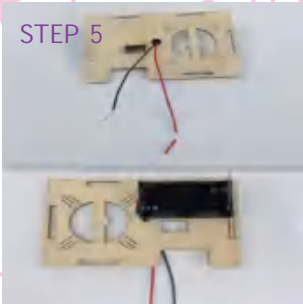
Paste the wire connector to the base board. Connect the wires of dupont line with the connector

STEP 4



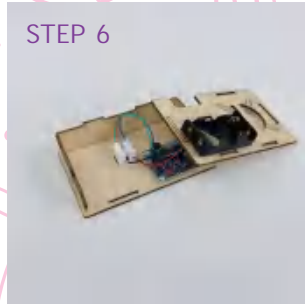
Assemble the side boards.

STEP 5



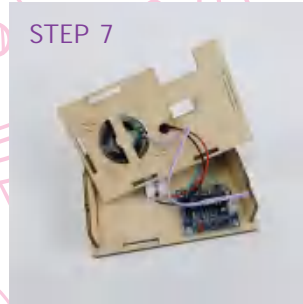
Penetrate the wires of the battery case into the hole of cover. Paste the battery case to the cover.

STEP 6



Connect the wires of the battery case to the connector.(pay attention to the position of wires)

STEP 7



Penetrate the wires of speaker into big hole of cover.

STEP 8



Paste the speaker to the cover. Insert the wires of speaker into the recording module.

STEP 9



Assemble the front side board into the base board.

STEP 10



Paste the foams to the bottom.

STEP 11



Assemble the cover board with the side boards. Press the red button to record the sound. Press the black button to play the sound.

NOTES:

1. When assemble the recording module, don't forget to put the shaft sleeves under the screw.
 2. Please check the direction and position of the dupont line and wires of speaker if the recorder doesn't work.
 3. Please check the direction of the wires when connect the wires of battery case with the connector.
- Please prepare two AA batteries. Batteries don't include in this kit.

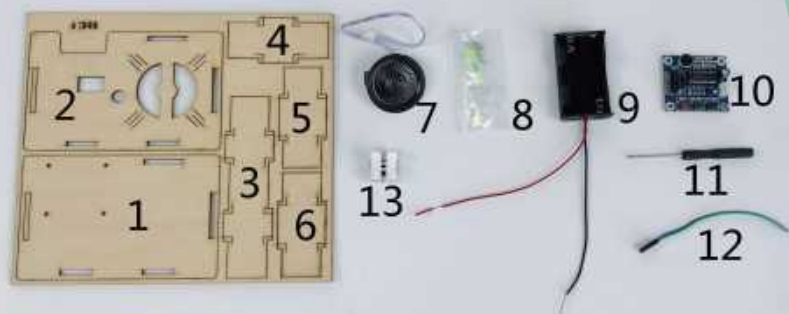
DIY SOUND RECORDER



Experimental principle:

The main structure of the sound recorder is the recording module and the speaker. Recorder through the sampling and coding for the sound analog signal, converts the analog signals into digital signals by digital to analog Converter. And after compression, using the built-in flash memory to store the recording information.

1. Base board
2. Cover board
- 3-6. Side boards
7. Speaker
8. Shaft sleeves
9. Battery case
10. Recording module
11. Screw driver
12. Dupont line
13. Wire connector
14. Foam (doesn't show in the picture)



Warning:
CHOKING HAZARD-Small Parts. Not for children under 3 years. It must be accompanied by a parent or teacher while assembling.