

Wooden FM Radio Music Player DIY Kit

1.Introduction:

It is a FM Radio Amplifier Mono FM Music Player Handmade Wooden Assembly Experimental Equipment. It uses a wooden casing to create a very primitive FM radio. It can play music from FM radio with the 3W 4ohm speaker produce clear and loud sound.The use of screws for fixation makes installation very convenient and simple.

2.Feature:

- 1>.Pure wooden shell board
- 2>.FM Audio Player with built-in power amplifier
- 3>.Adjustable Radio Station and Volume
- 4>.Single Channel Mono Speaker
- 5>.DIY handmade

3.Parameter:

- 1>.Product Name:Wooden FM Radio Music Player DIY Kit
- 2>.Work Voltage: DC 3V
- 3>.Speaker: 3W 4ohm
- 4>.Channel: Single-Channel Mono
- 5>.Audio source:FM
- 6>.Receiver Frequency:88.0MHz~108.0MHz
- 7>.Control Type:On Board Button
- 8>.Output type: Speaker
- 9>.Power Type: AA*2 Battery
- 10>.Work Temperature:-20℃~85℃
- 11>.Work Humidity:5%~85%RH
- 12>.Size(Installed):117*73*40mm

4.Application:

- 1>.Student school
- 2>.DIY production
- 3>.Project Design
- 4>.Electronic competition
- 5>.Gift giving
- 6>.Crafts collection
- 7>.Home decoration
- 8>.Souvenir collection
- 9>.Graduation design
- 10>.Holiday gift

5.Package:

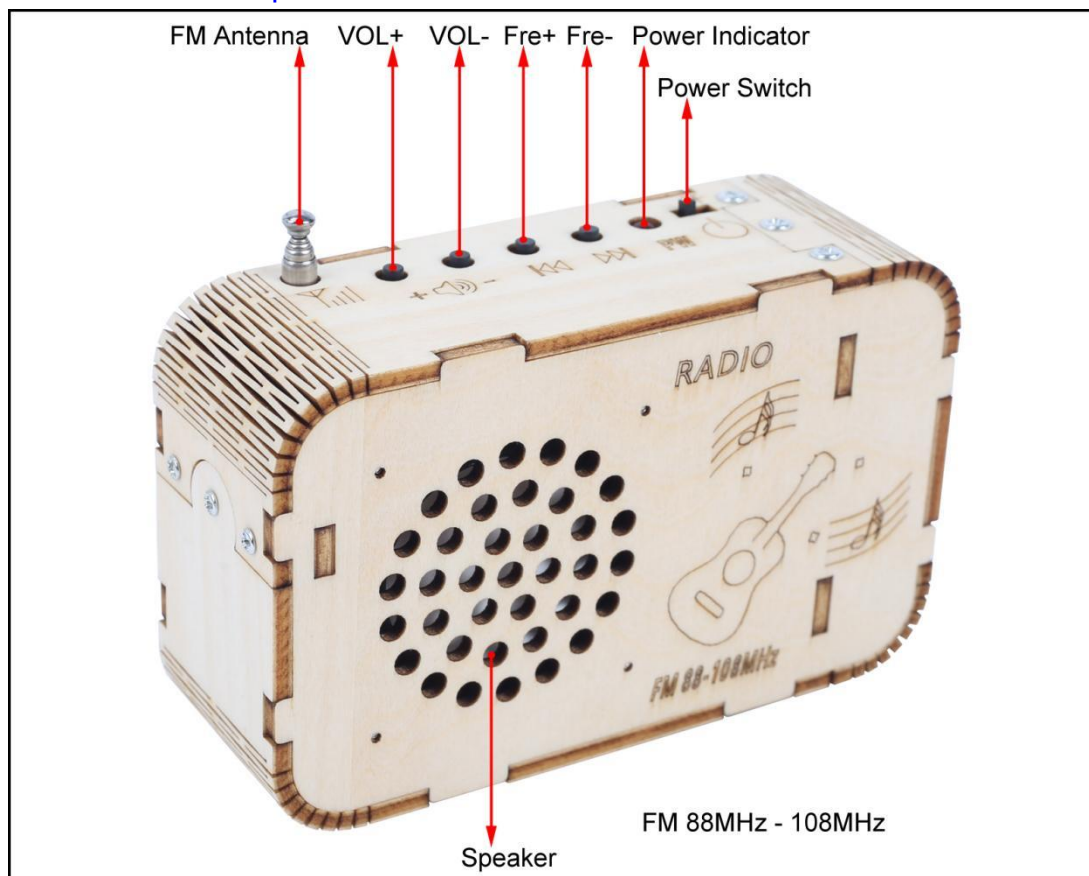
- 1>.1pcs FM Radio Receiver Module
- 2>.4pcs Wooden Boards
- 3>.1pcs 3W 4ohm Speaker
- 4>.1pcs AA*2 Battery Box
- 5>.1pcs FM Antenna
- 6>.4pcs Black Sponge Base
- 7>.1pcs Double-Sided Tape
- 8>.3pcs M2*10mm Screw
- 9>.11pcs M2*7mm Screw
- 10>.2pcs M2*6mm Screw
- 11>.6pcs M2*4mm Screw
- 12>.1pcs Screwdriver
- 13>.1pcs Transparent Plastic Box

6.Installation Steps(Please be patient install!!!):

1>.Step 1: Remove all available boards from the 4 wooden boards. Be careful not to damage the wooden board.

- 2>.Step 2: Fix 1pcs 3W 4ohm Speaker on Wooden Board by 4pcs M2*4mm Screw.
- 3>.Step 3: Paste double-sided adhesive on the back of the FM Radio Receiver Module.
- 4>.Step 4: Paste and fix FM Radio Receiver Module on another Wooden Board by 4pcs M2*7mm Screw. Note:Loosen the screws slightly and do not tighten them too tightly.
- 5>.Step 5: Fix 1pcs AA*2 Battery Box on another Wooden Board by 2pcs M2*4mm Screw.
- 6>.Step 6: Splicing wooden boards from battery box and FM receiver. Connect the battery socket while placing the wires in the wiring slot.
- 7>.Step 7: Fix FM Antenna gasket by by 2pcs M2*6mm Screw.
- 8>.Step 8: Fix FM Antenna and gasket from FM Radio Receiver Module by 1pcs M2*7mm Screw.
- 9>.Step 9: Insert fixed small bracket.
- 10>.Step 10: Connect the 3W 4ohm Speaker to FM Radio Receiver Module.
- 11>.Step 11: Splicing wooden boards from FM receiver and speaker.
- 12>.Step 12: Fix TOP wooden board by 2pcs M2*7mm Screw. Note: Align each installation hole.
- 13>.Step 13: Slowly bend the wooden board to avoid breaking and then fix by 2pcs M2*10mm Screw.
- 14>.Step 14: Fix Bottom wooden board by 2pcs M2*7mm Screw.
- 15>.Step 15: Slowly bend the wooden board to avoid breaking and then fix by 1pcs M2*10mm Screw.
- 16>.Step 16: Install 2pcs AA Battery.
- 17>.Step 17: Fix the last wooden board by 1pcs M2*7mm Screw.
- 18>.Step 18: Slowly bend the wooden board to avoid breaking and then fix by 1pcs M2*7mm Screw.
- 19>.Step 19: Install 4pcs Black Sponge Base on Bottom wooden board.

7.Install shown steps:

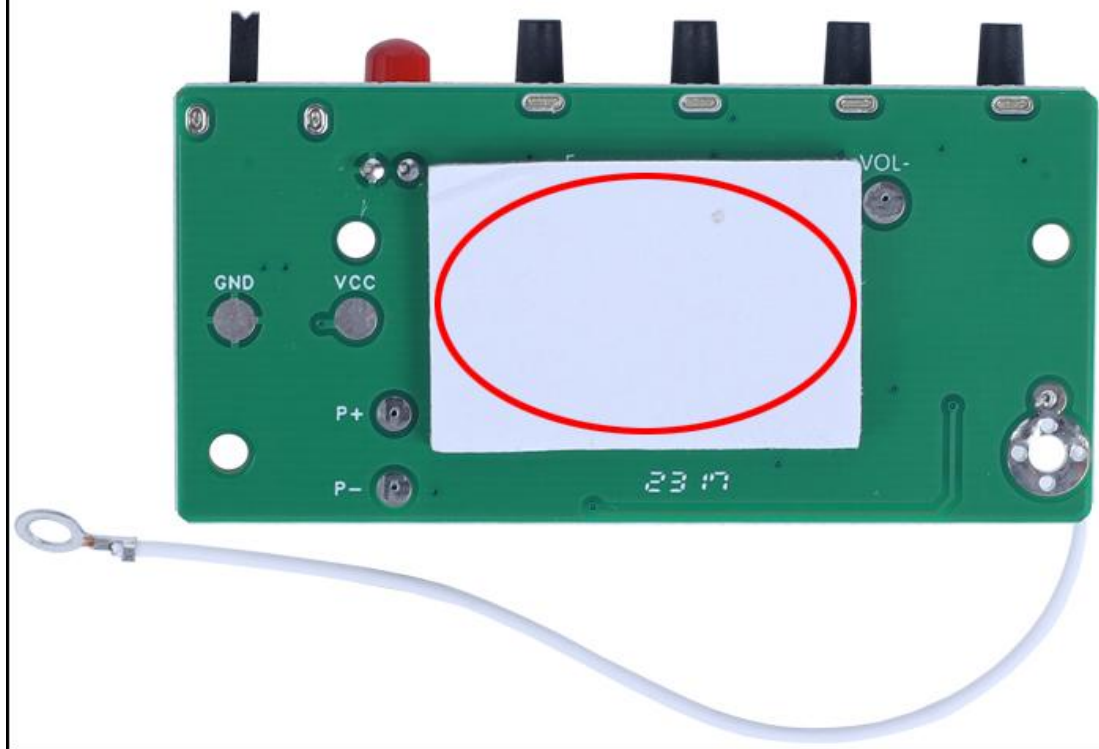




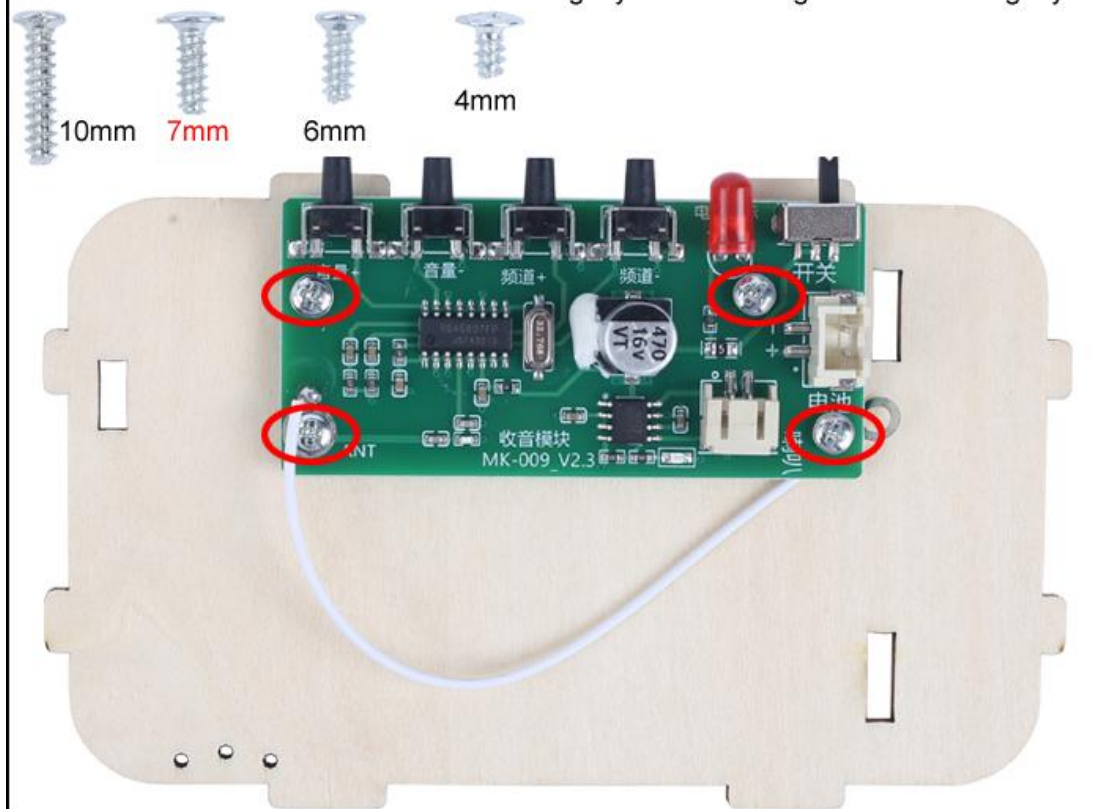
Step 2: Fix 1pcs 3W 4ohm Speaker on Wooden Board by 4pcs M2*4mm Screw.



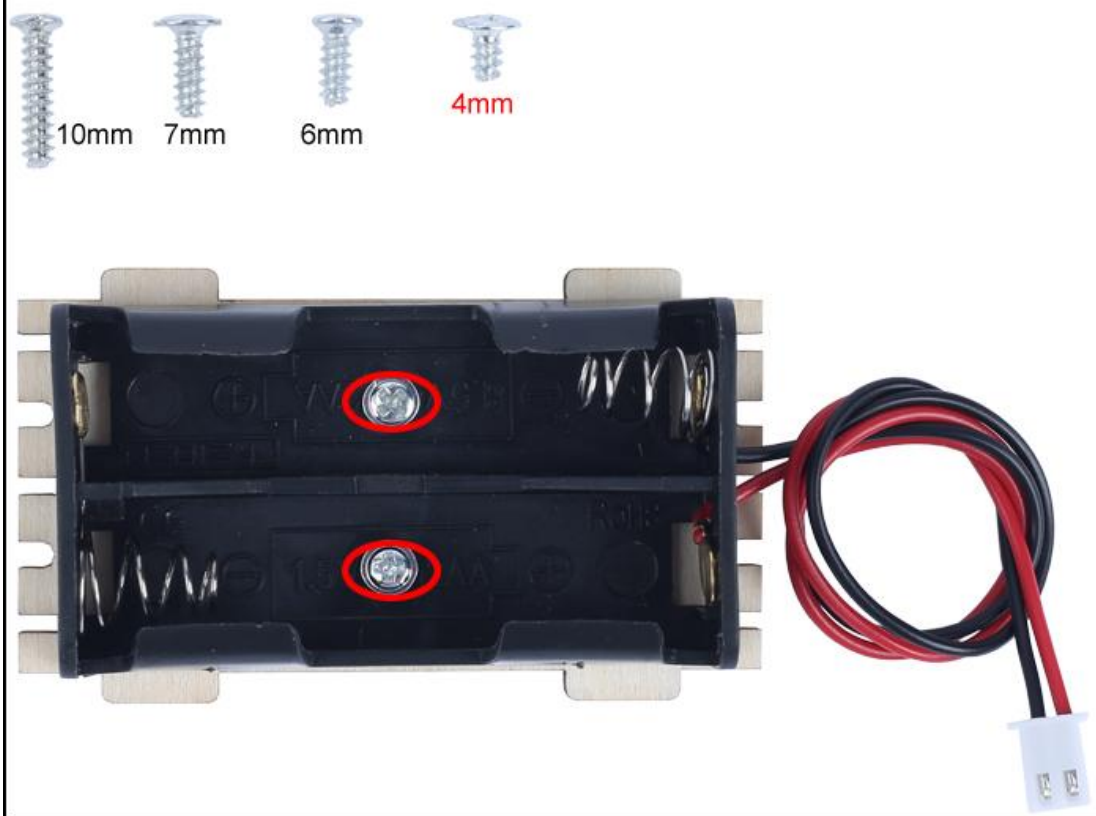
Step 3: Paste double-sided adhesive on the back of the FM Radio Receiver Module.



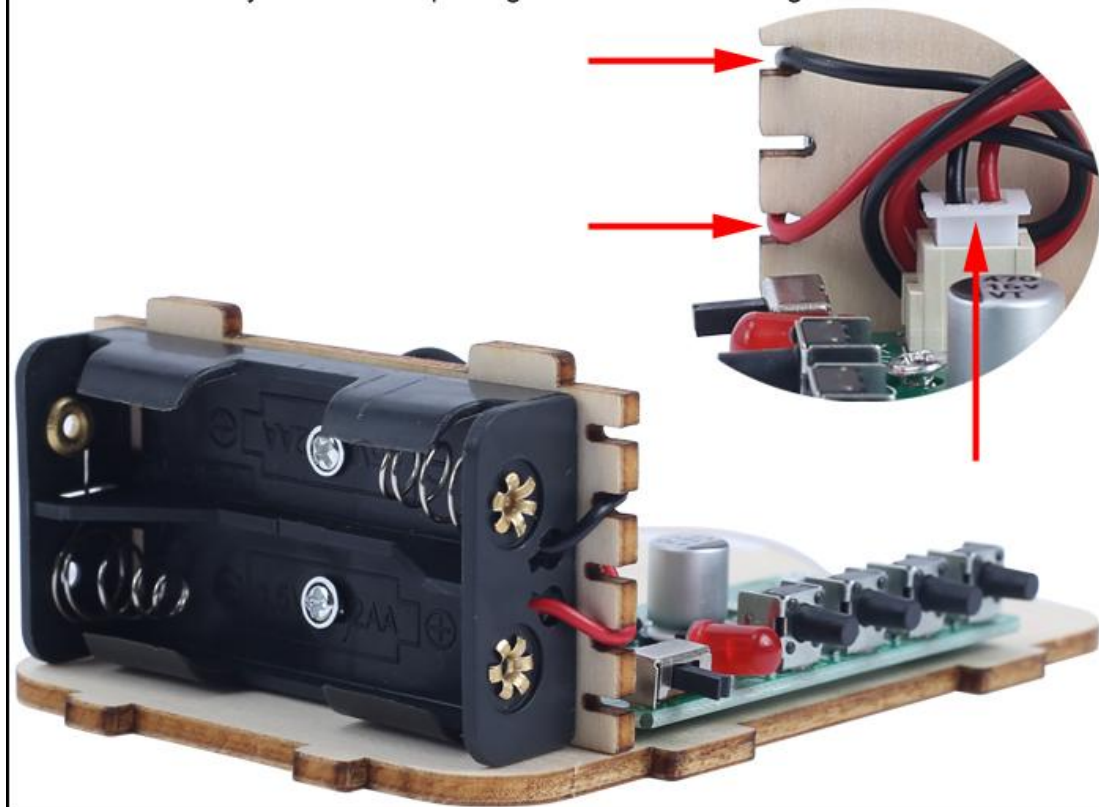
Step 4: Paste and fix FM Radio Receiver Module on another Wooden Board by 4pcs M2*7mm Screw. Note: Loosen the screws slightly and do not tighten them too tightly.



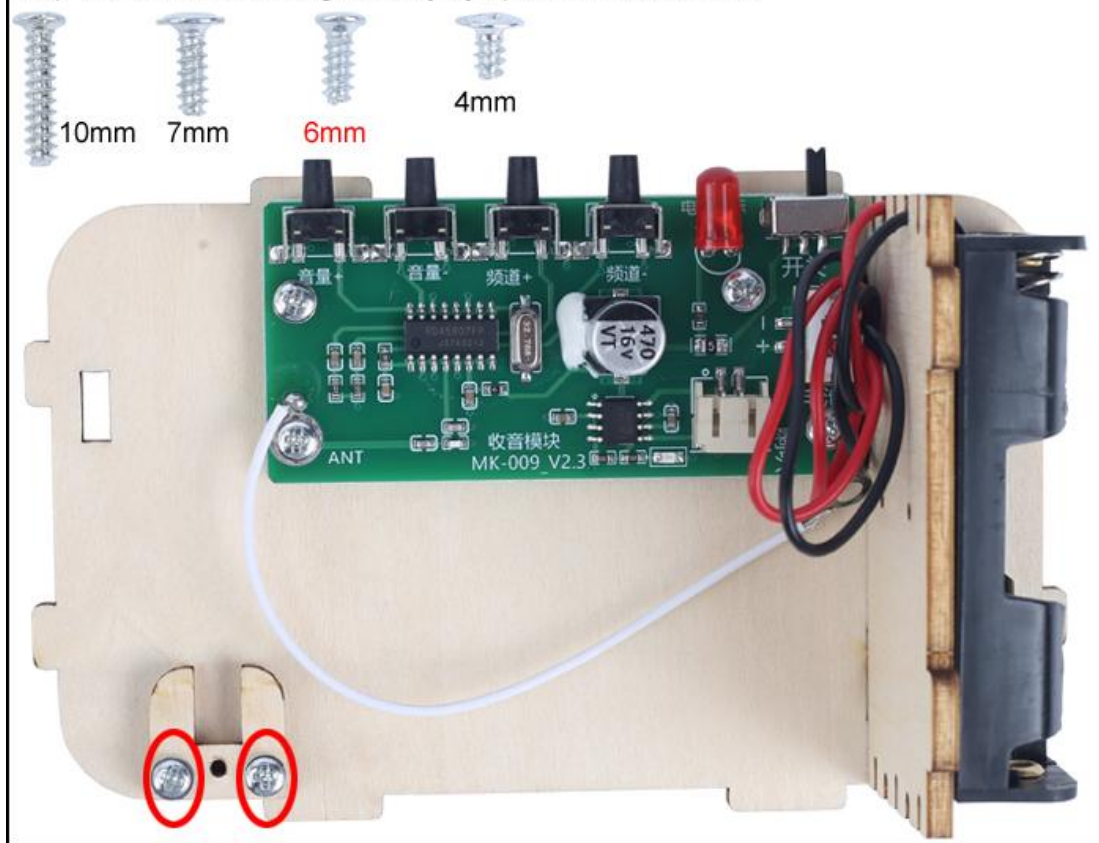
Step 5: Fix 1pcs AA*2 Battery Box on another Wooden Board by 2pcs M2*4mm Screw.



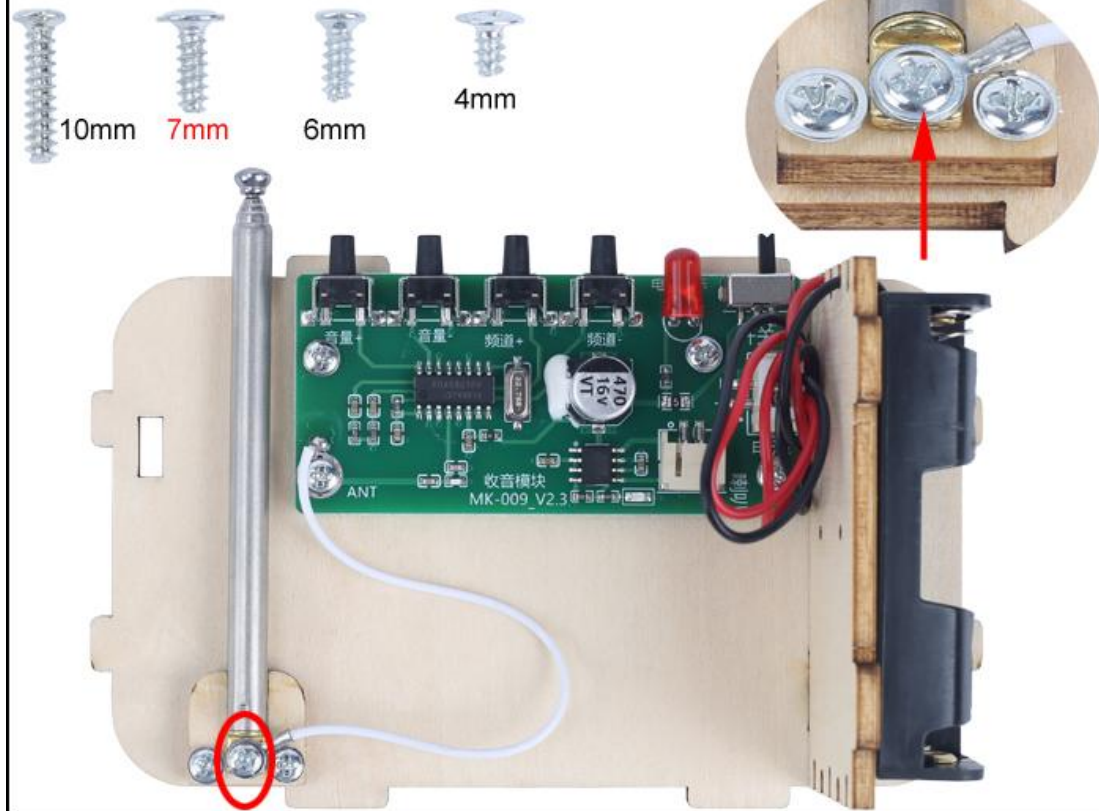
Step 6: Splicing wooden boards from battery box and FM receiver. Connect the battery socket while placing the wires in the wiring slot.



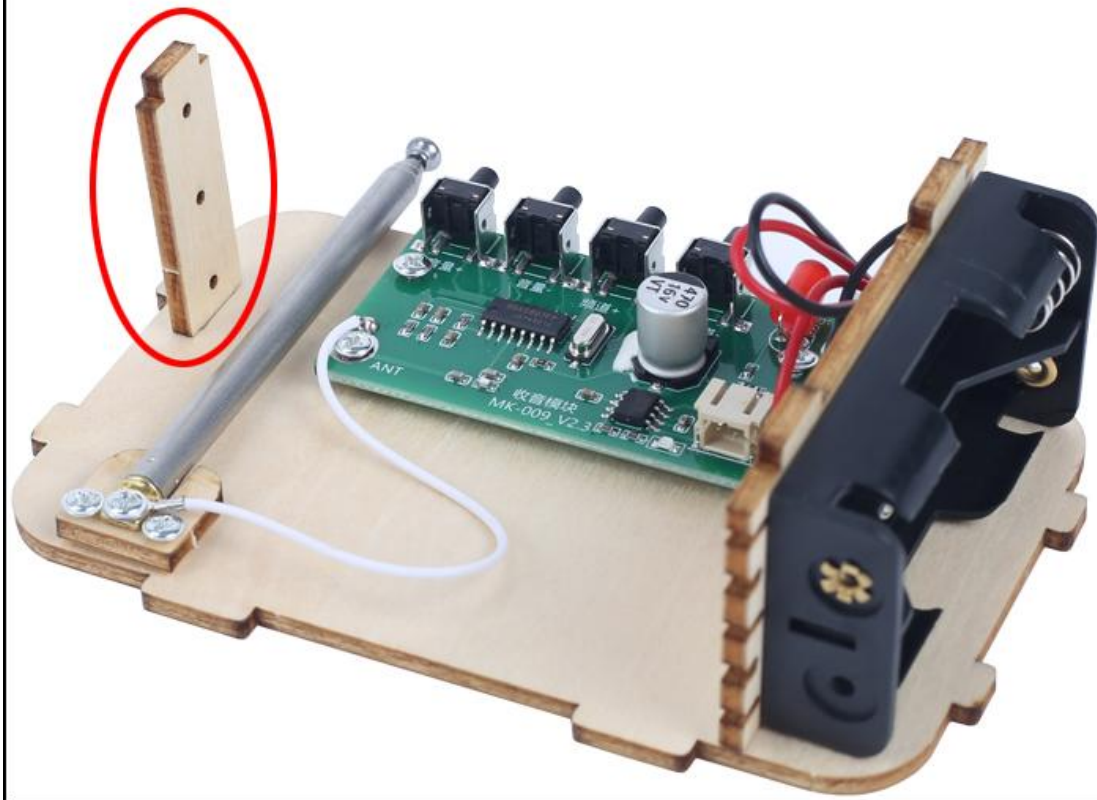
Step 7: Fix FM Antenna gasket by 2pcs M2*6mm Screw.



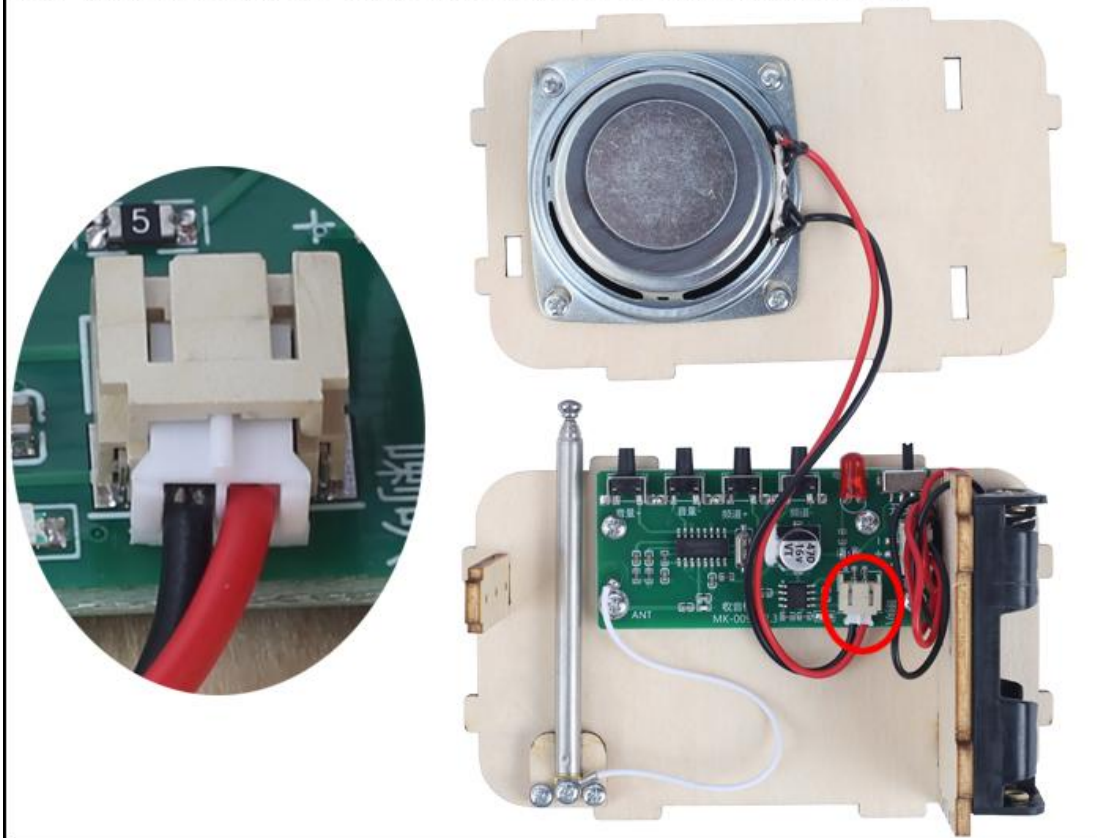
Step 8: Fix FM Antenna and gasket from FM Radio Receiver Module by 1pcs M2*7mm Screw.



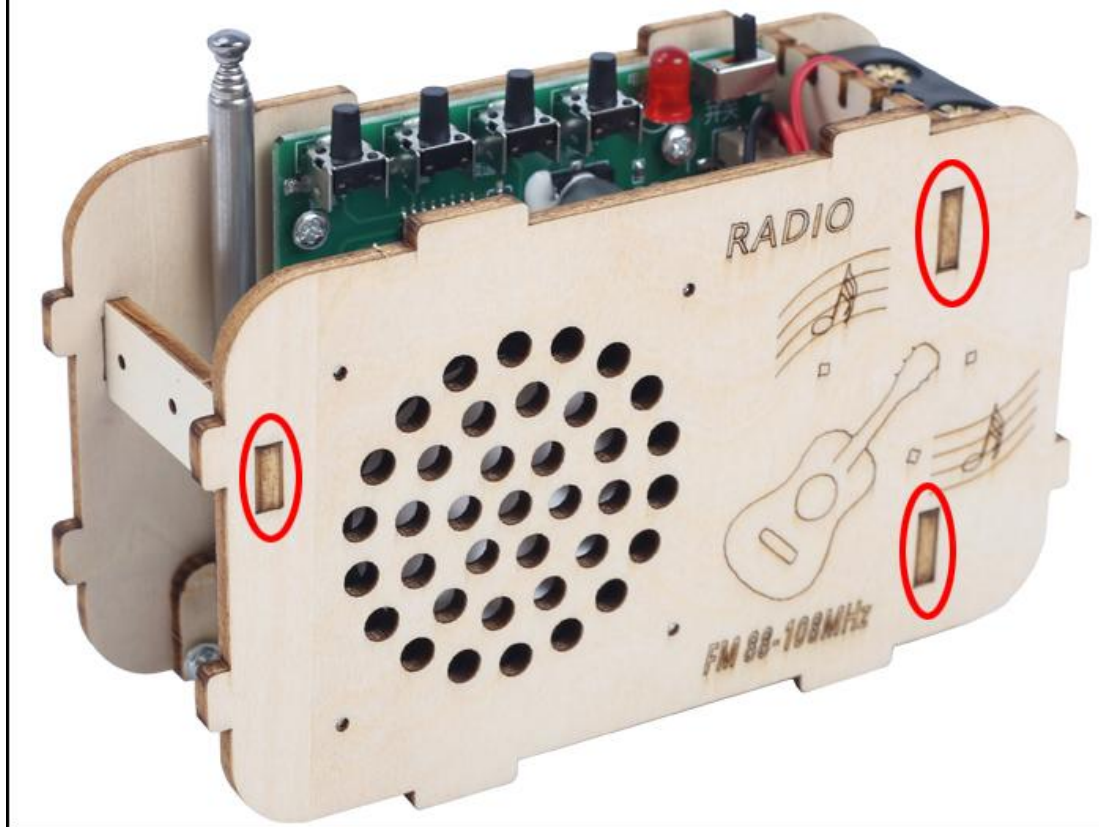
Step 9: Insert fixed small bracket.



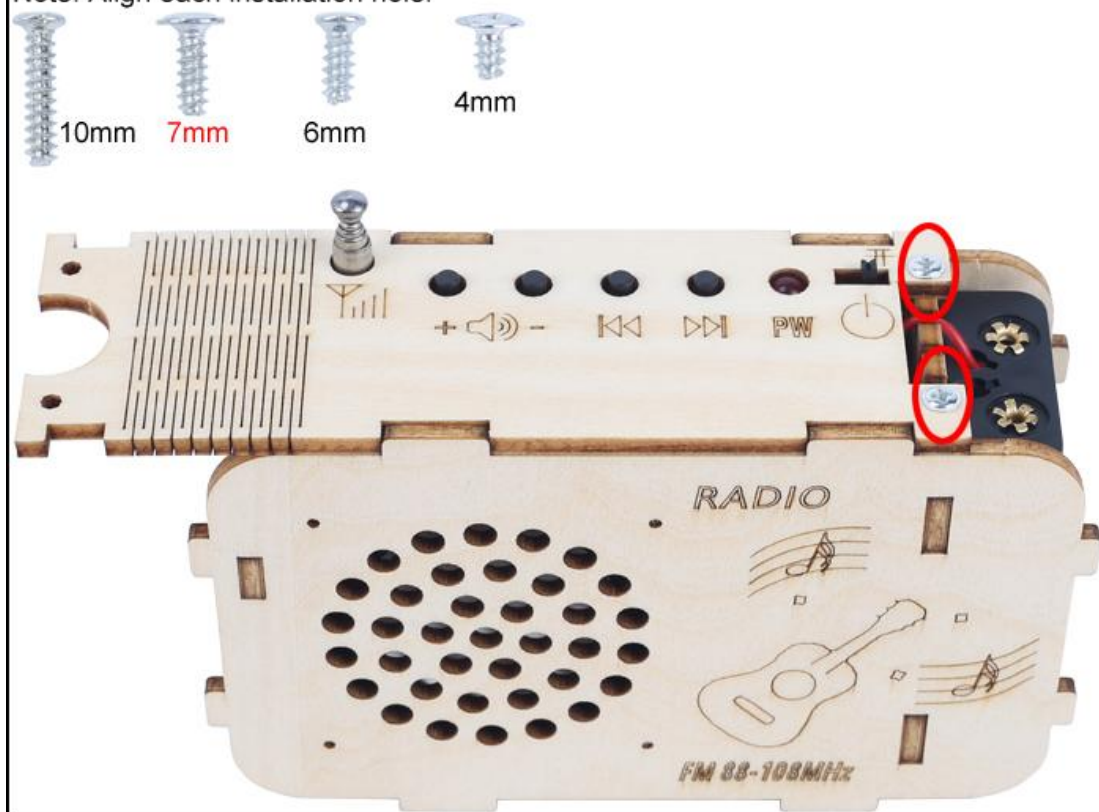
Step 10: Connect the 3W 4ohm Speaker to FM Radio Receiver Module.



Step 11: Splicing wooden boards from FM receiver and speaker.



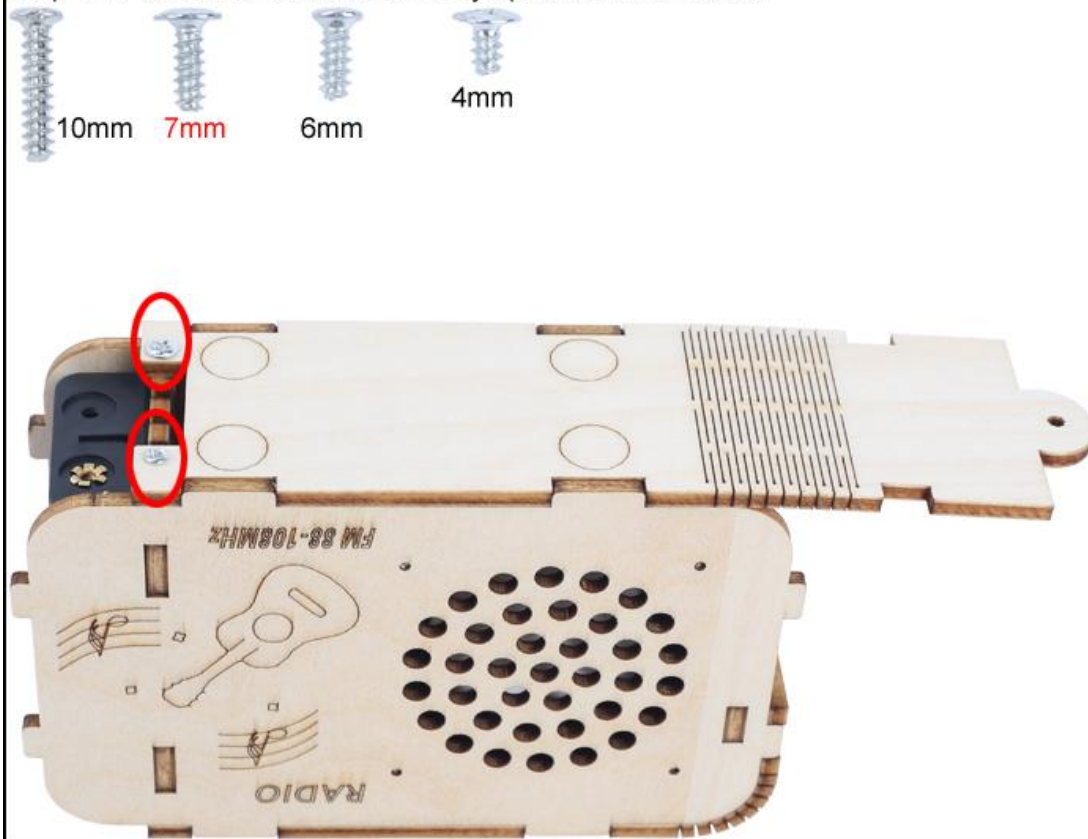
Step 12: Fix TOP wooden board by 2pcs M2*7mm Screw.
Note: Align each installation hole.



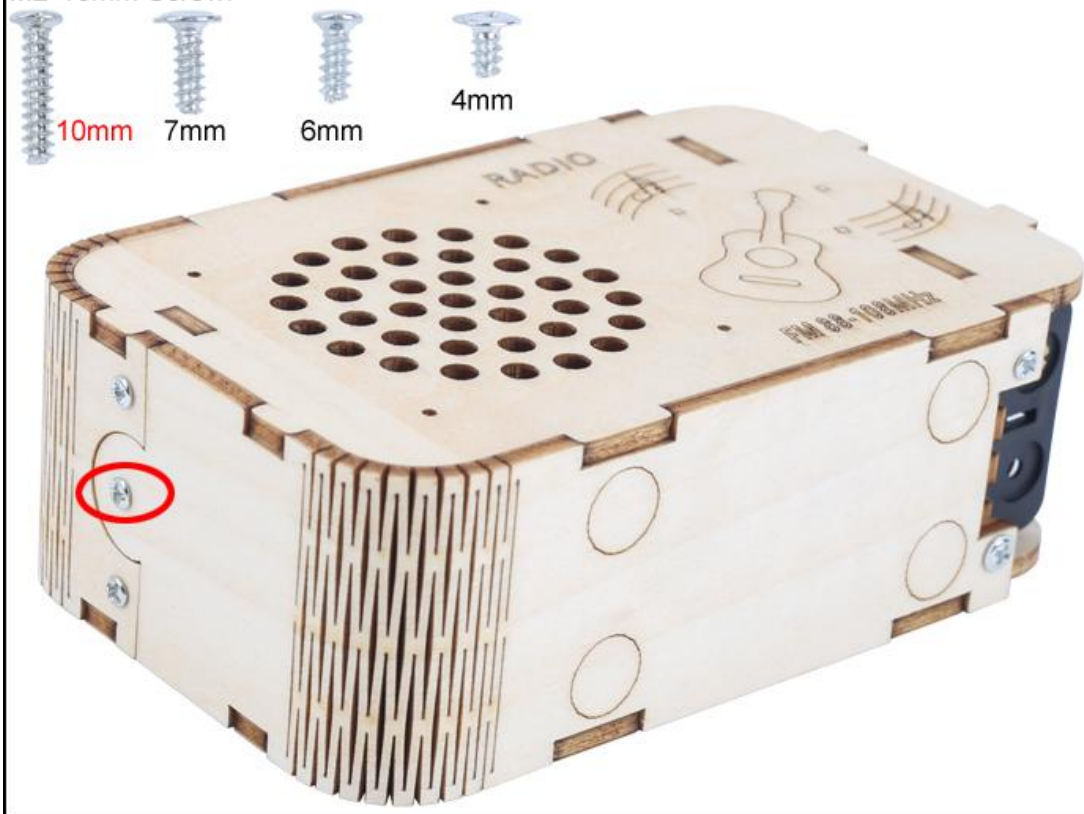
Step 13: Slowly bend the wooden board to avoid breaking and then fix by 2pcs M2*10mm Screw.



Step 14: Fix Bottom wooden board by 2pcs M2*7mm Screw.



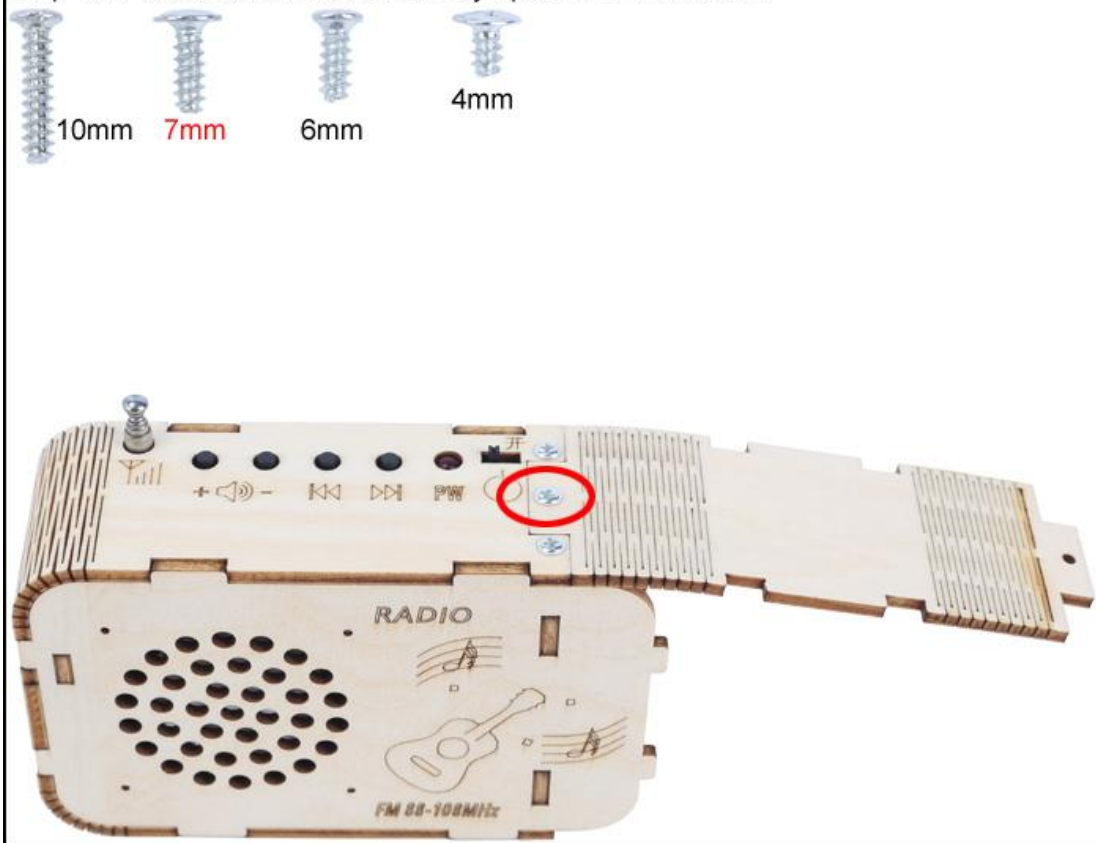
Step 15: Slowly bend the wooden board to avoid breaking and then fix by 1pcs M2*10mm Screw.



Step 16: Install 2pcs AA Battery.



Step 17: Fix the last wooden board by 1pcs M2*7mm Screw.



Step 18: Slowly bend the wooden board to avoid breaking and then fix by 1pcs M2*7mm Screw.



Step 19: Install 4pcs Black Sponge Base on Bottom wooden board.

