



Nabi 2 Headphone Jack Replacement

This guide will show you how to replace the headphone jack of the Nabi 2.

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INTRODUCTION

Some users of the tablet have faced problems with their headphone jack. If the headphone jack is not working, this repair guide can be used to remove and replace it. Please note that this guide should be used if cleaning the headphone jack fails to resolve your audio problems.

It is important to note that this guide will involve soldering and desoldering. When soldering, make sure that you do not touch any metal parts of the soldering iron. It gets very hot, very quickly.



TOOLS:

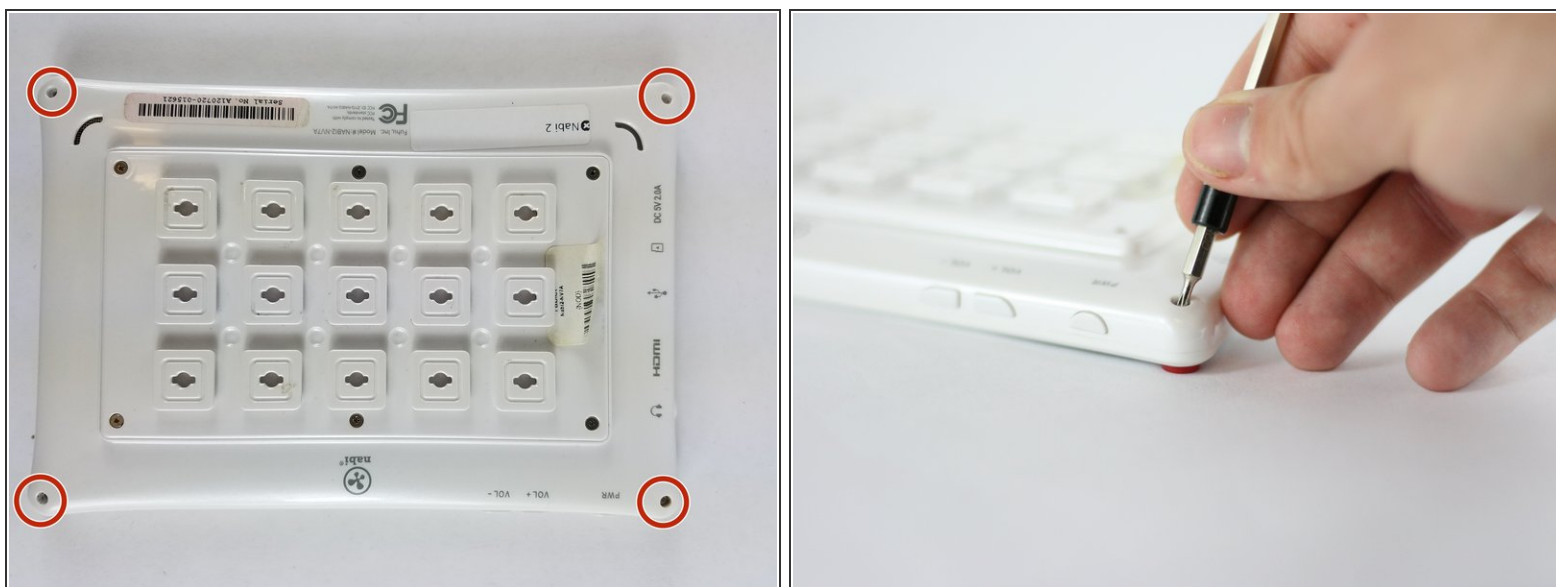
- [Soldering Iron](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Nabi 2 Back Cover Removal



- Remove the rubber bumper from the tablet.


Step 2



- With a PH00 screwdriver, remove the four outermost screws from the back of the tablet.

Step 3



- Carefully, insert a plastic opening tool into the seam of the device and begin gently prying the two plastic pieces apart.
 - Work the tool all the way around the device. Small plastic clips should release. If they do not, gently apply outwards pressure until the clips give.
-  Do not force the clips open, as they are fairly easy to break

Step 4 — Screen



- Lay the tablet down flat and remove the yellow tape from the ZIF connector on each side

Step 5



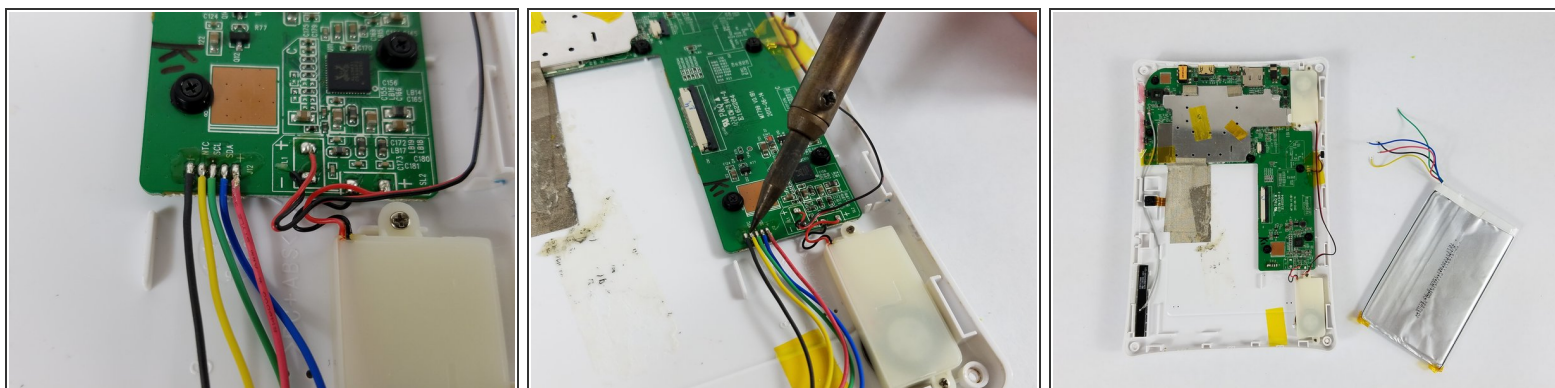
- Using a spudger, slide the brown tab forward on each side of the connector
- Slide until the connector is completely loose, then separate the screen from the bottom half of the tablet
- If the screen is not working correctly, you will need to replace the entire display assembly

Step 6 — Battery



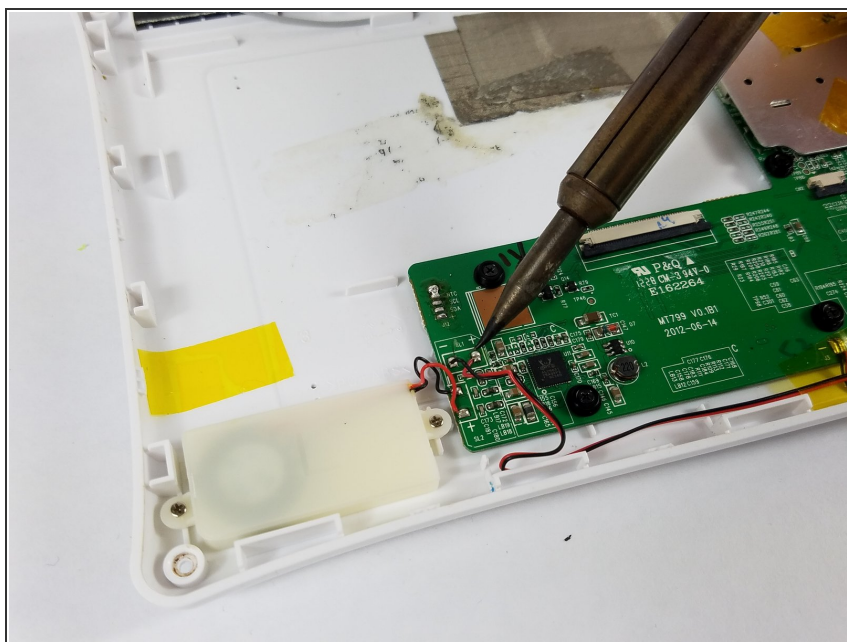
- Use the spudger to pop the battery out of place and set it aside.

Step 7



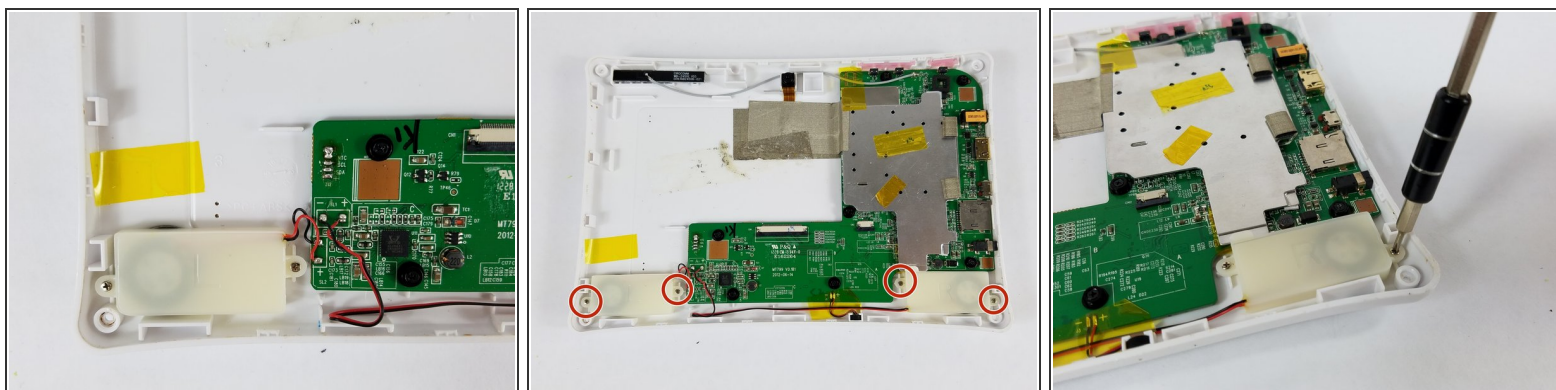
- Desolder the battery connection and remove the battery completely
- Note the color order for future replacement

Step 8 — Internal Speakers



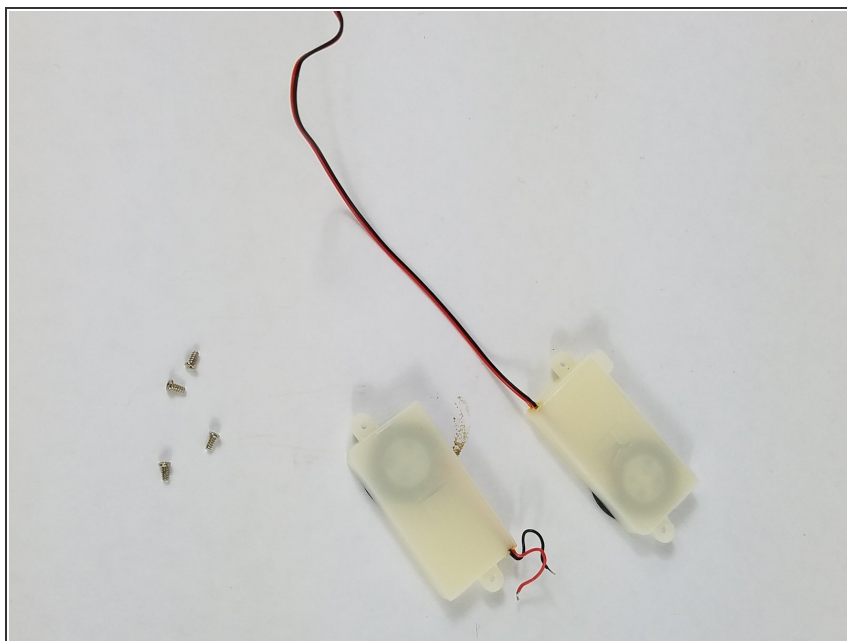
- Using the soldering iron, detach the speaker's wires from the circuit board.

Step 9



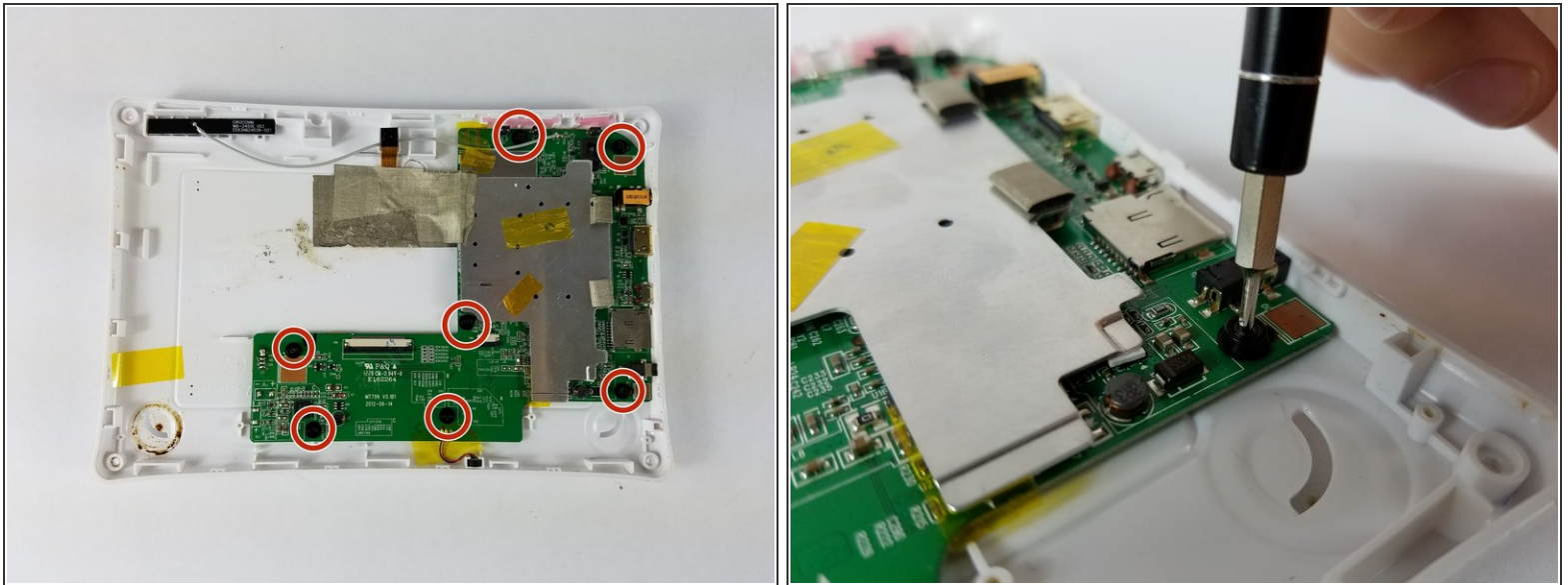
- Using a Phillips PH 000 screwdriver, unscrew the two 3 mm Phillips #000 screws on each side of the speakers that hold the speakers in place.

Step 10



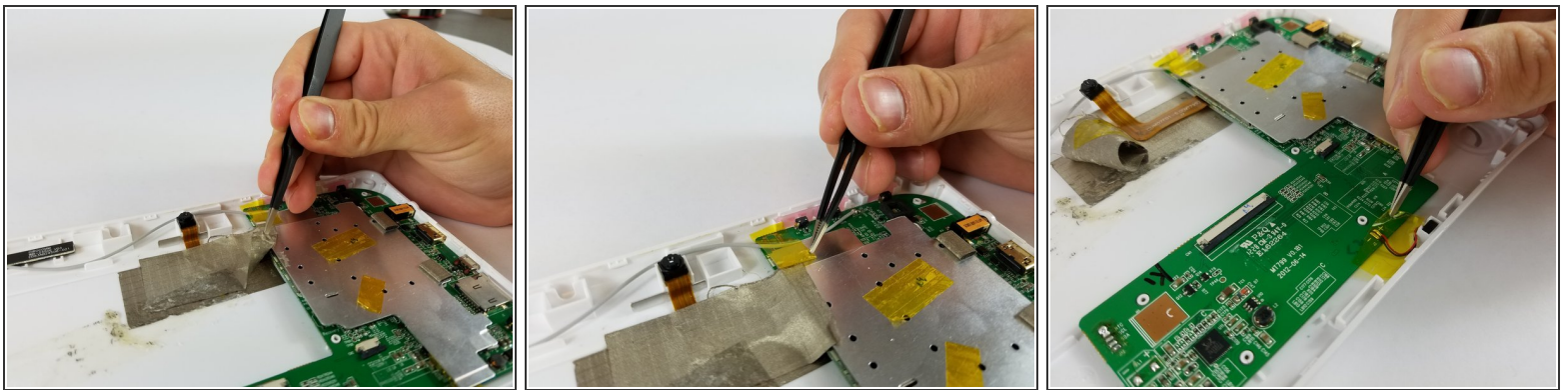
- Once the screws have been removed, remove the speakers from the device.

Step 11 — Motherboard



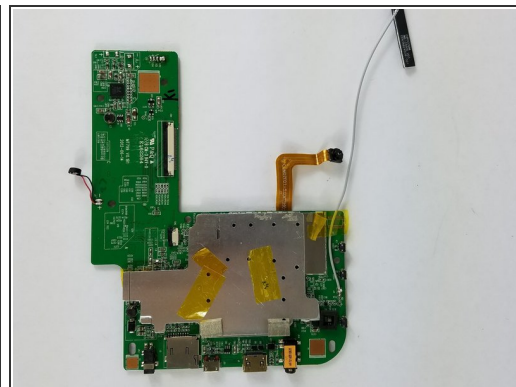
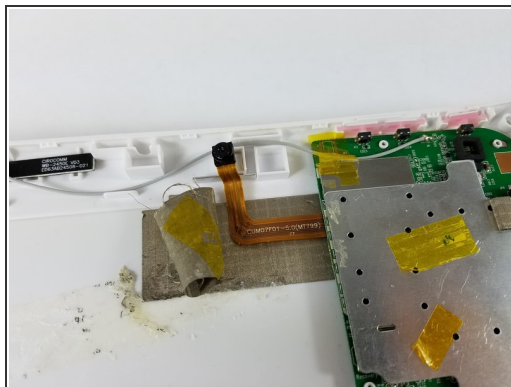
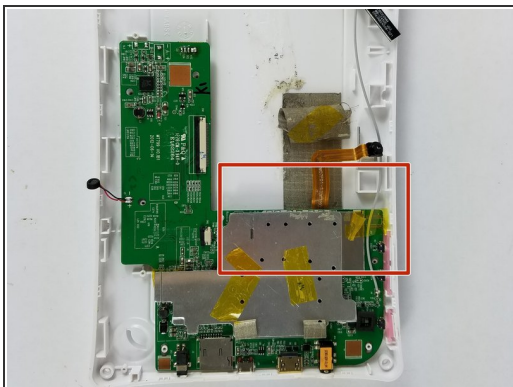
- Remove the seven 4 mm Phillips #000 screws with a PH#000 screwdriver

Step 12



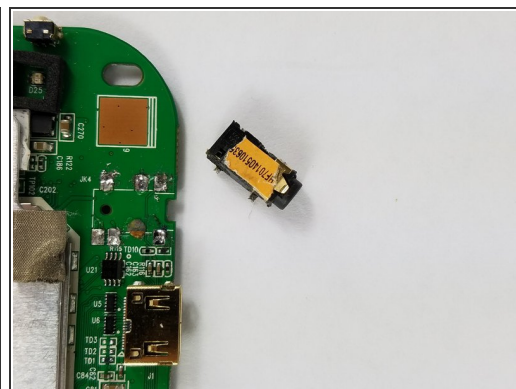
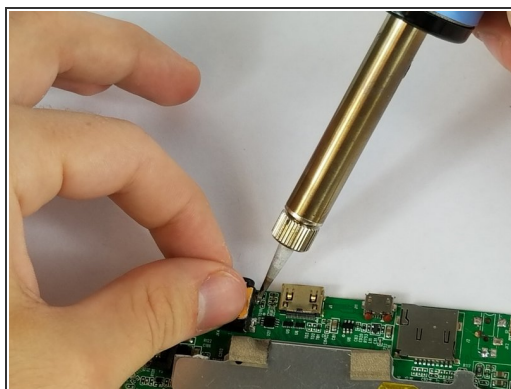
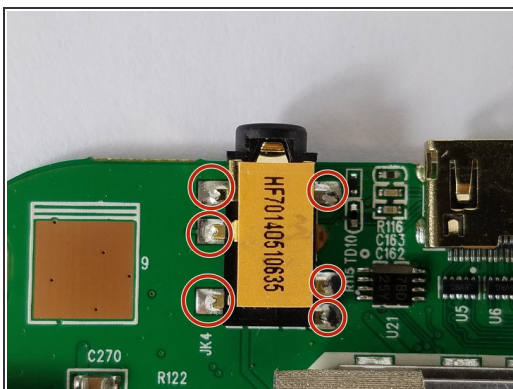
- Remove the tape that is attaching the motherboard to the plastic casing

Step 13



- Remove the motherboard by lifting from the area indicated

Step 14 — Headphone Jack



- Desolder the six pins attaching the headphone jack to the motherboard
- Remove headphone jack from motherboard

To reassemble your device, follow these instructions in reverse order.