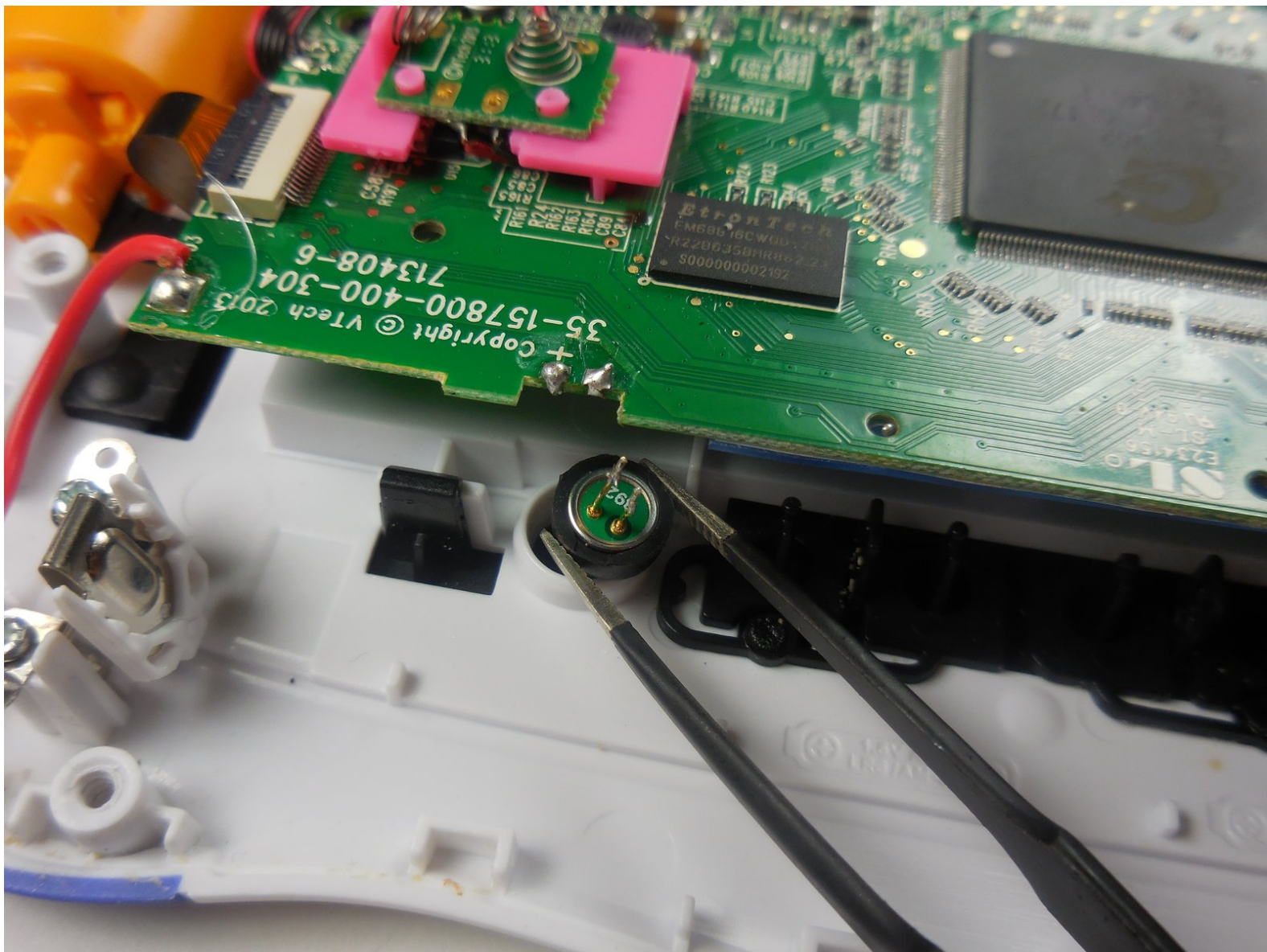




Vtech Innotab 3 Microphone Replacement

If the microphone is not properly recognizing auditory or if sounds become muffled, it may be necessary to replace the microphone.

Written By: Zach Diviney



INTRODUCTION

In order to replace the microphone grab yourself a PH00 screwdriver, a metal spudger, and a soldering kit.

- Before you begin disassembling the Vtech InnoTab 3, turn on your soldering iron. If working with others let them know that the soldering iron is on and to use caution.



TOOLS:

- [Metal Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Soldering Iron](#) (1)
-

Step 1 — Rear Panel



- Slide the battery compartment door lock down.
 - While still holding the battery compartment lock down, slide the two battery doors outwards on either side of the device.
 - Carefully remove the batteries from the battery compartment.
- i** The standard option for the InnoTab 3 is four AA batteries. Vtech also offers a rechargeable battery online, but both battery options are removed from the device the same way.

Step 2



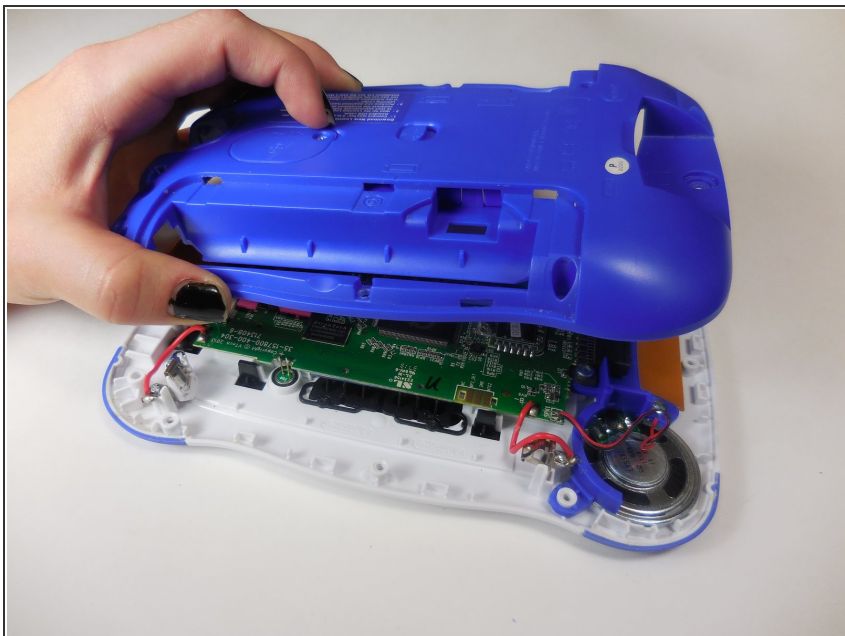
- Remove the six 7.6mm screws found in the battery compartment using a PH00 screwdriver.

Step 3



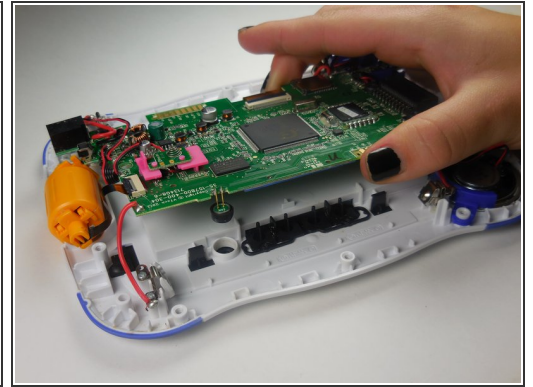
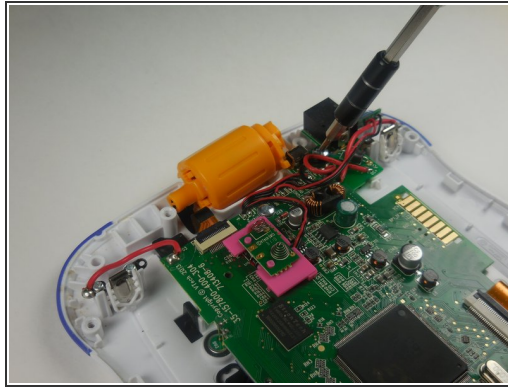
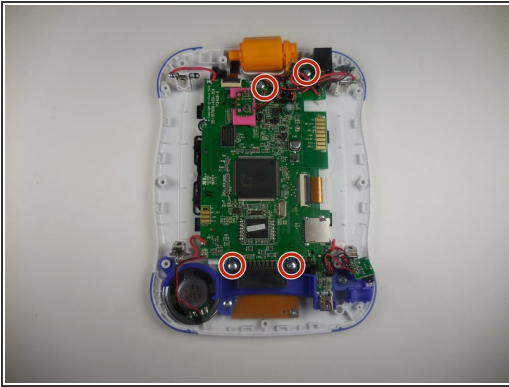
- i** There are three hidden screws on the back of the device, two at the top and one near the bottom.
- Using a nylon or metal spudger, remove the three caps that hide the screws.
 - Remove the 5mm screw near the bottom and the two 7.6mm at the top using a PH00 screwdriver.

Step 4



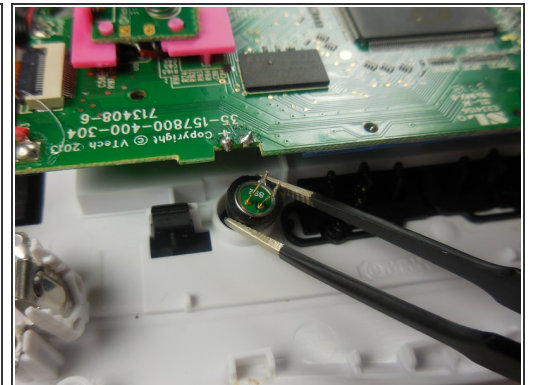
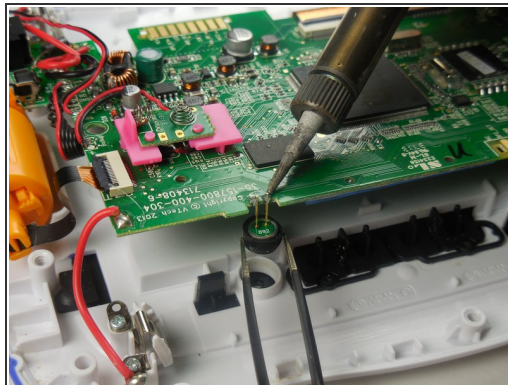
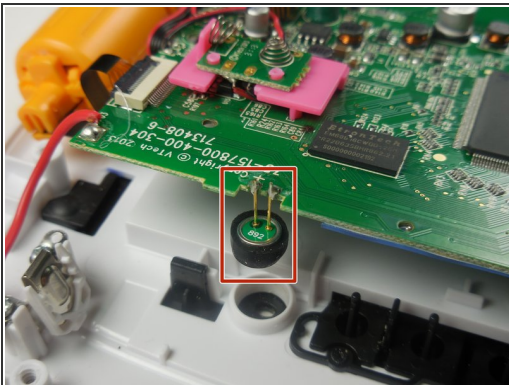
- Carefully separate the back panel from the front panel revealing the motherboard connected to the front panel.

Step 5 — Microphone



- Remove the four 7.6 mm screws using a PH00 screwdriver.
- Lift up the circuit board from the device.

Step 6



- To replace the microphone, desolder the two connections that connect the speaker to the device.
- ⓘ Use tweezers to keep the microphone steady as you desolder the connections.
- This is a tricky step. Refer to this guide to learn how to solder: [How To Solder and Desolder Connections](#)

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