



# Nextbook 8 Speaker Replacement

Step by step guide to replace a faulty speaker.

Written By: Dylan Wiese



## INTRODUCTION

You will need a thin durable tool to get the back cover off first. A guitar pick works well if you don't have a plastic opening tool. The parts are very delicate, so use caution when removing the back cover and inner parts.

### TOOLS:

- [iFixit Opening Picks set of 6](#) (1)
- [iFixit Opening Tools](#) (1)
- [Soldering Iron](#) (1)
- [Spudger](#) (1)

## Step 1 — Battery



- Use the plastic opening tool to remove the back cover. Carefully slide the tool between the front glass and back cover.
- Slide the tool along the edge to work the back cover off.

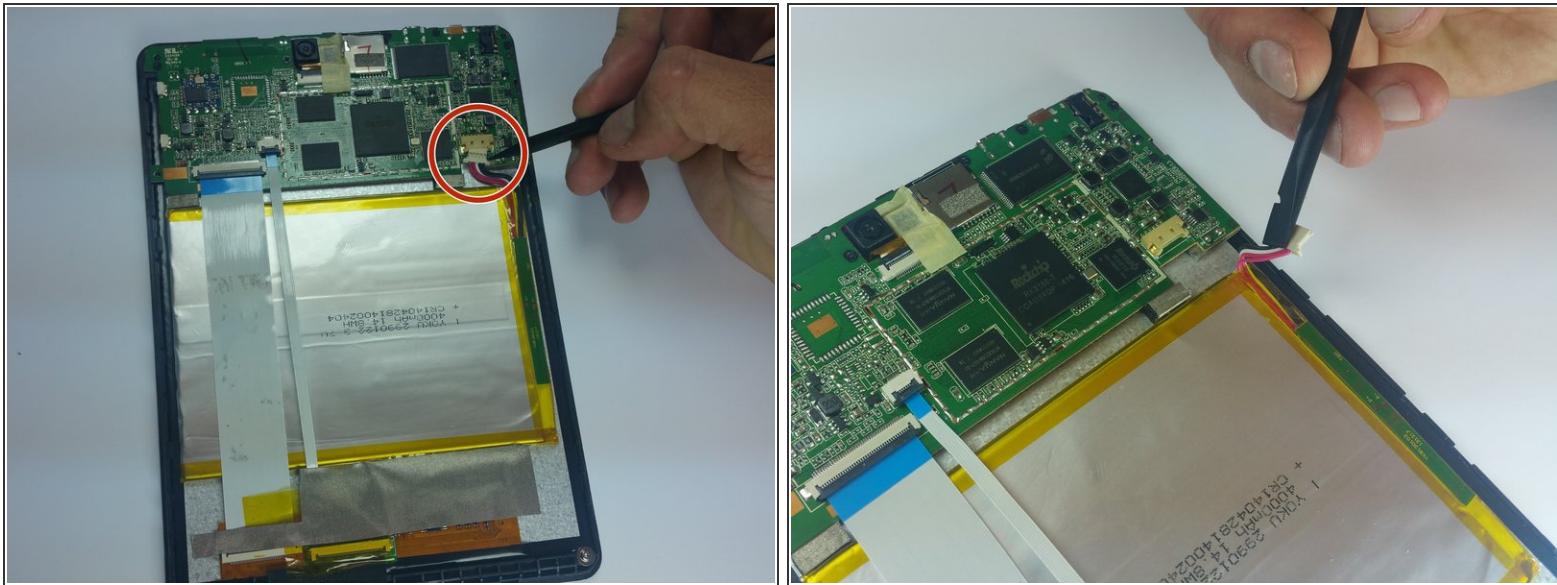
**i** It helps to have an extra tool to stick in the gap and keep the back cover separated from the glass as you slide the other tool.

## Step 2



- Remove the tape covering the motherboard.
- Remove the silver tape holding the white ribbon cables to the battery.

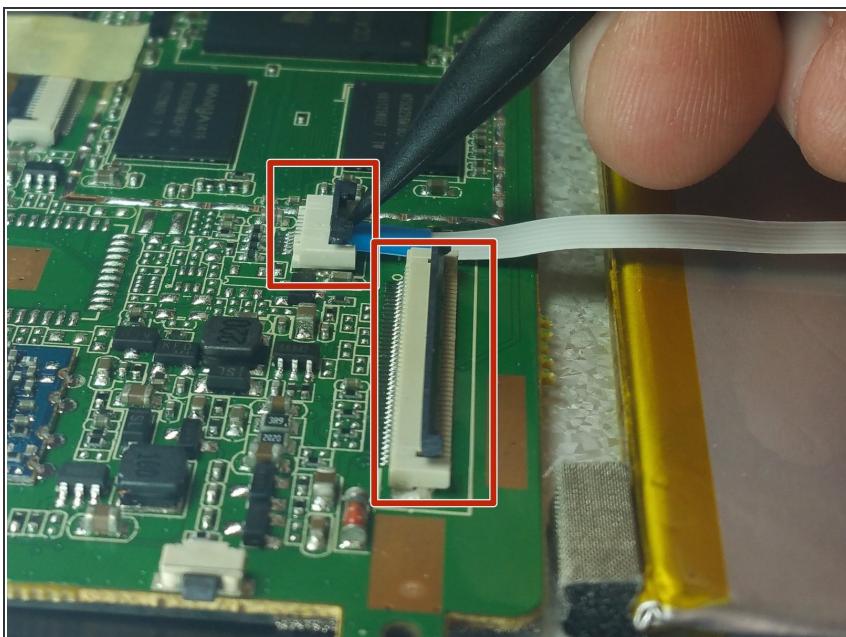
## Step 3



- Use a spudger to carefully disconnect the battery connector from the motherboard.

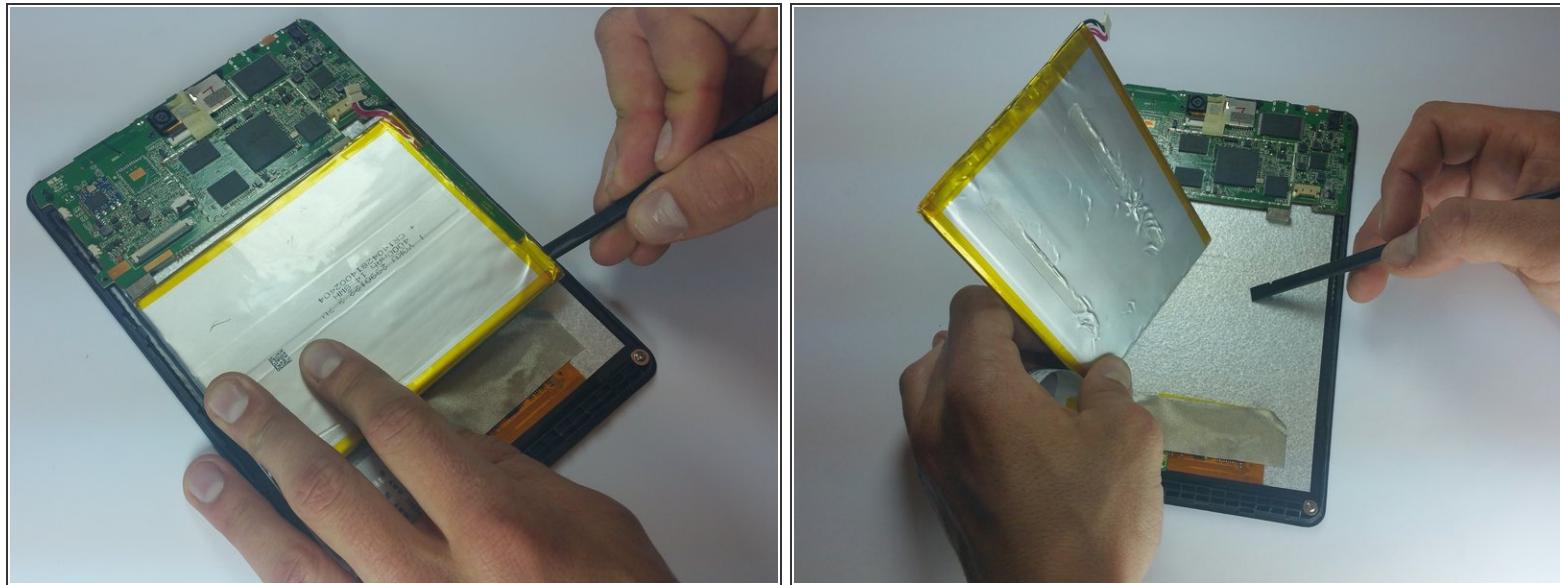
**⚠** When working with electronics, it's important to choose a tool that's ESD-safe to avoid accidental damage to the device. The regular black nylon spudger or a plastic opening tool should be used whenever possible.

## Step 4



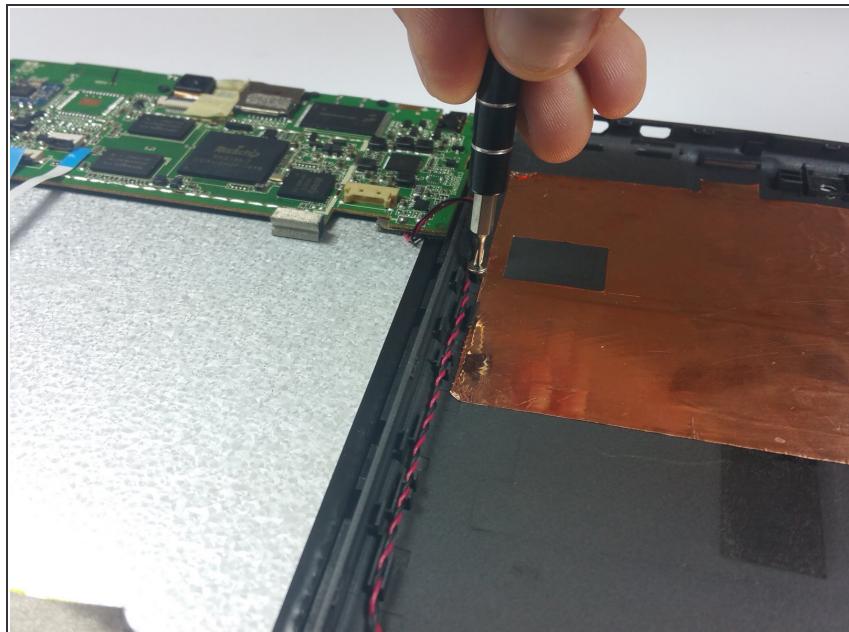
- Use a spudger to lift up the black bar on the two ZIF connectors located above the battery.
- Pull the ribbon cables out of the connectors with tweezers or two fingers.

## Step 5



- Using the flat end of a spudger, carefully work the spudger under the battery, lifting it off of the device.
- *(i)* The battery is very malleable, so do not try to pull it off all at once.

## Step 6 — Speaker



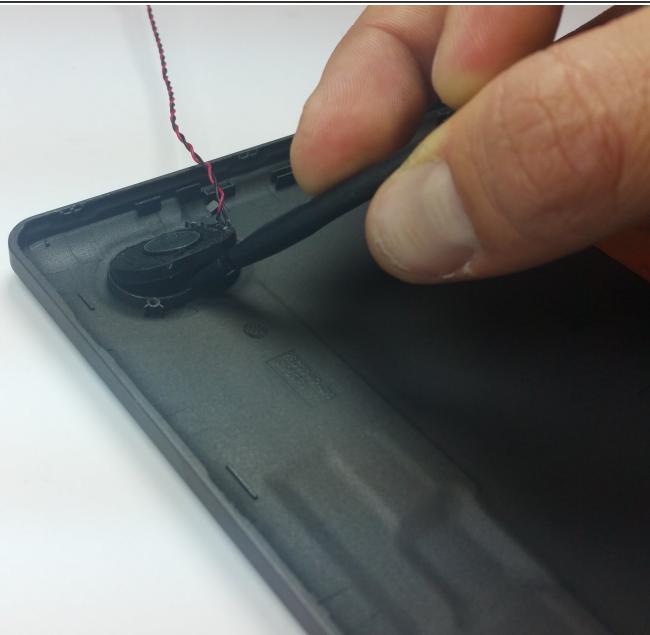
- Use a small Phillips screwdriver to remove the 0.116 inch screw holding the red and black wires in place on the inside of the back cover.

## Step 7



- Remove the two 0.116 inch screws holding the speaker assembly in place.

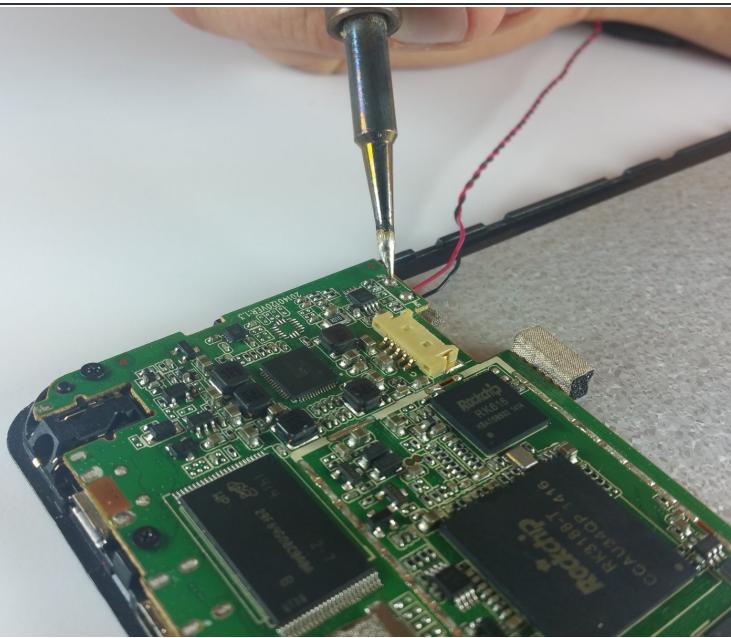
## Step 8



- Carefully pry the speaker off of the back cover with a spudger.

***i*** Note: There is glue holding the speaker to the back cover, so it will take some work to get it off.

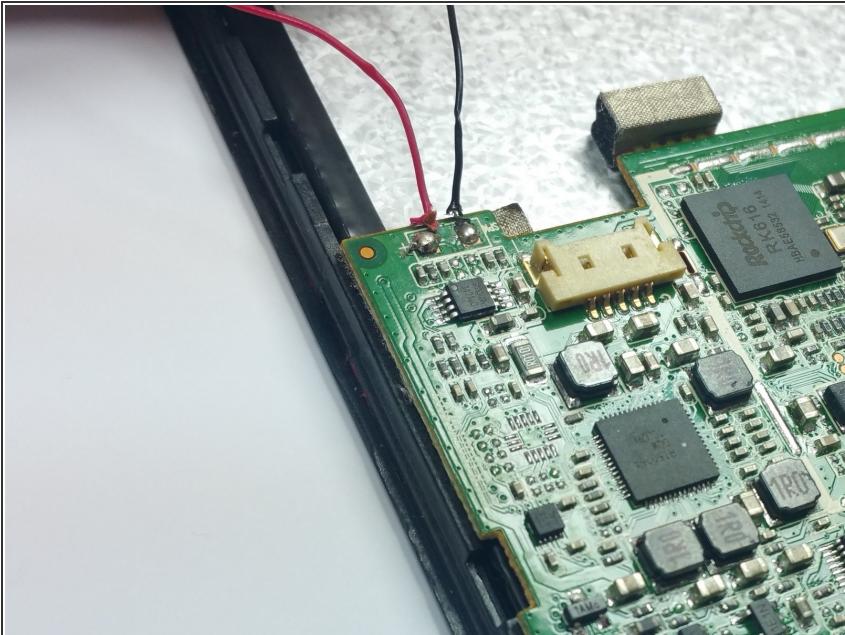
## Step 9



- Use a desoldering tool to remove the solder holding the red and black speaker wires to the motherboard.
- If you do not have a desoldering tool, you can use a solder gun to remove the old solder.

 **Caution:** Soldering guns get extremely hot.

## Step 10



- Use the soldering gun to solder the new speaker wires to the motherboard where the original wires were connected.
- Make sure that you connect the red wire to the positive terminal on the right, and the black wire to the negative terminal on the left.

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