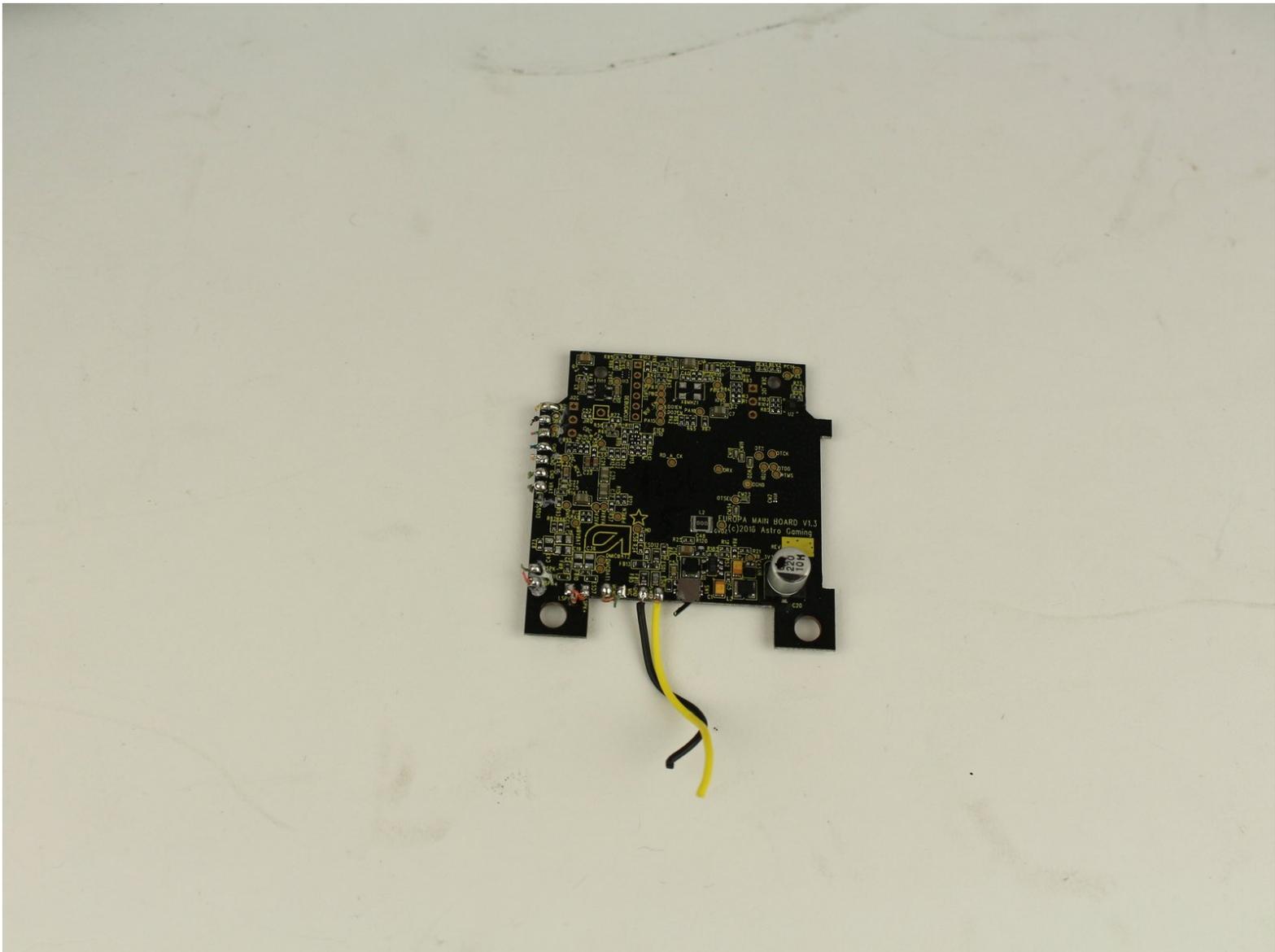




# Astro A50 2016 Headset Motherboard Replacement

How to replace the Astro A50 2016 headset motherboard.

Written By: Brian Menard



 **TOOLS:**

- [iFixit Opening Tool](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [Soldering Workstation](#) (1)
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## Step 1 — Headset Speakers



- Remove the magnetic ear pads by gently pulling up away from the head set.

## Step 2



- Squeeze the plastic opening tool between the black plastic and foam pad on non mic side and then pry upwards to remove the felt pads covering the speaker.

## Step 3



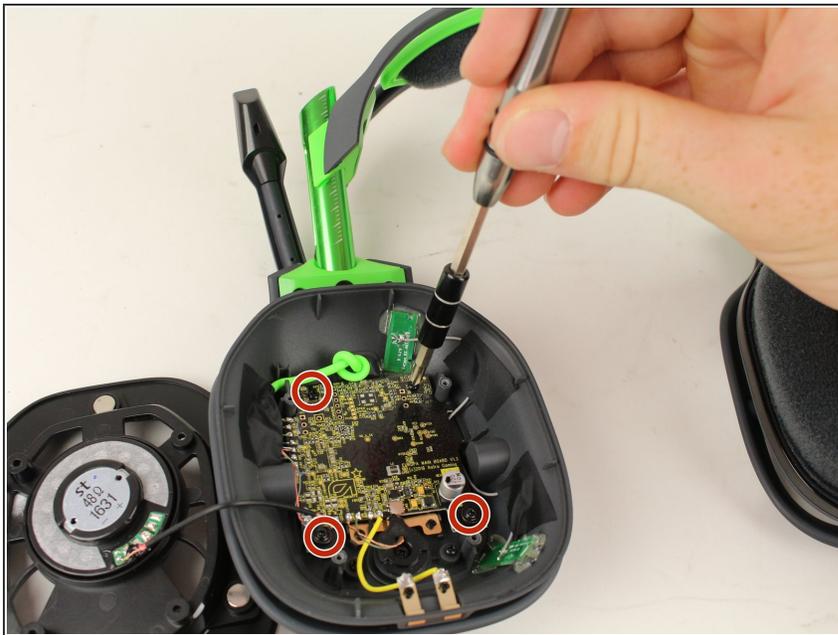
- Remove the four 6mm Phillips 1 screws.

## Step 4



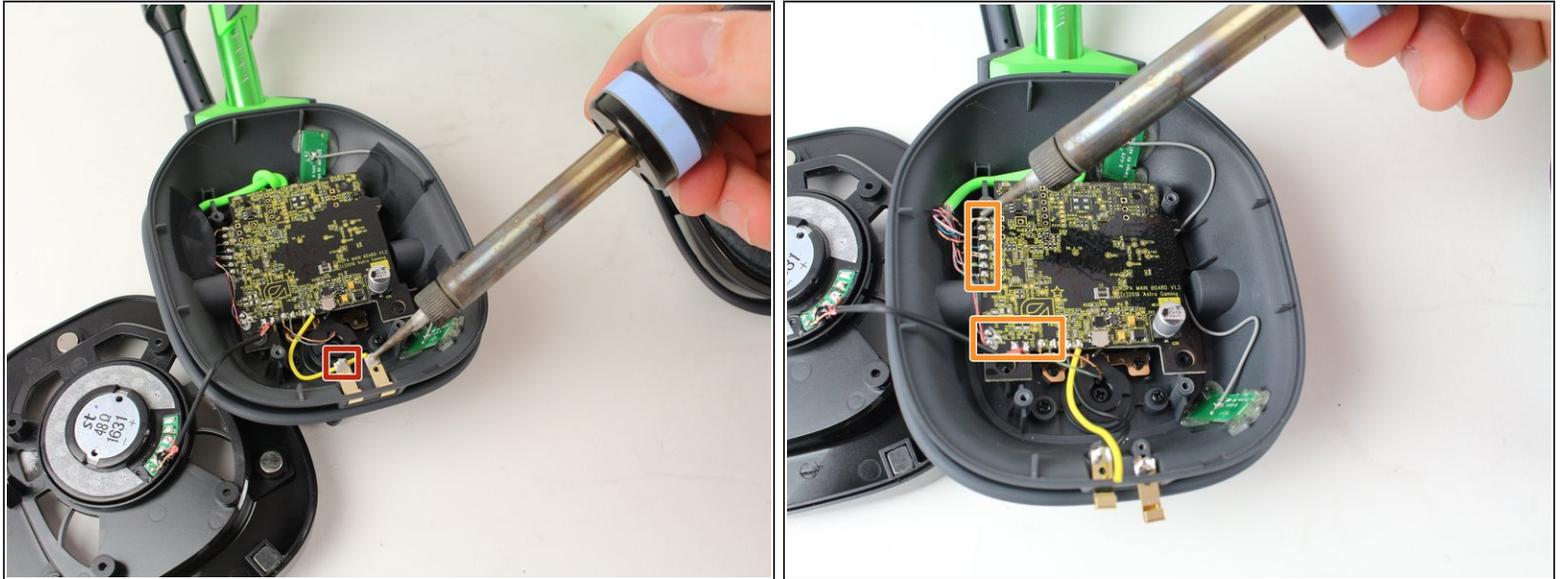
- Lift the speaker module up off the device.

## Step 5 — Headset Motherboard



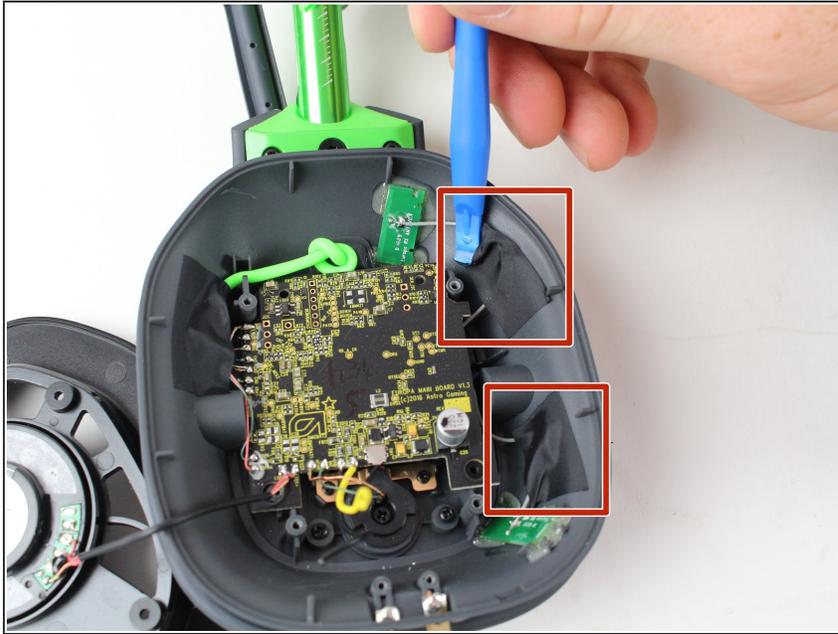
- Remove the four 6mm Phillips 1 screws.

## Step 6



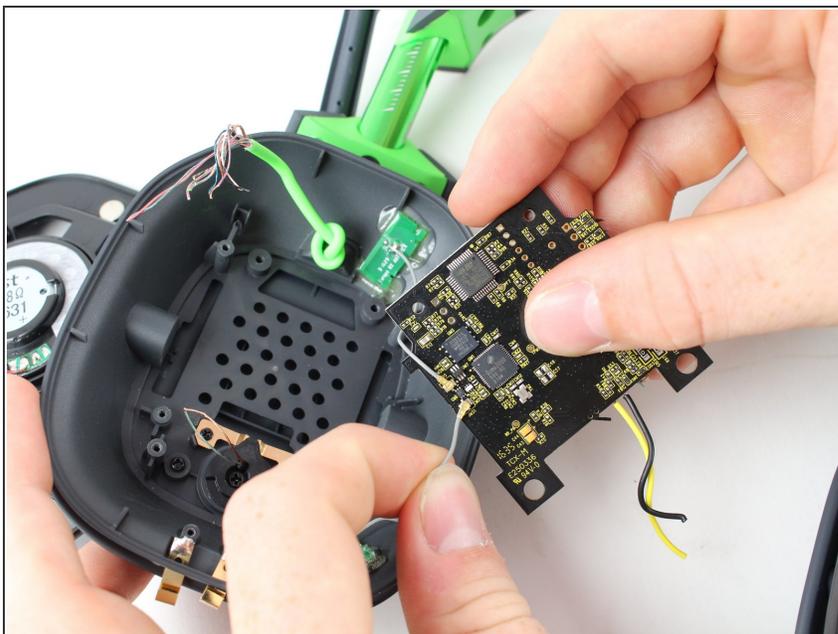
- Use a soldering iron to desolder the black and yellow wires from the two metal plates near the bottom of the device.
- Use a soldering iron to desolder the 13 wires in rows along the left and bottom sides of the headset motherboard.
- [How To Solder and Desolder Connections](#)

## Step 7



- Use the plastic opening tool to pry off the black tape covering the gray wires

## Step 8



- Lift the motherboard out of the headset and gently disconnect the gray wires from the motherboard.

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