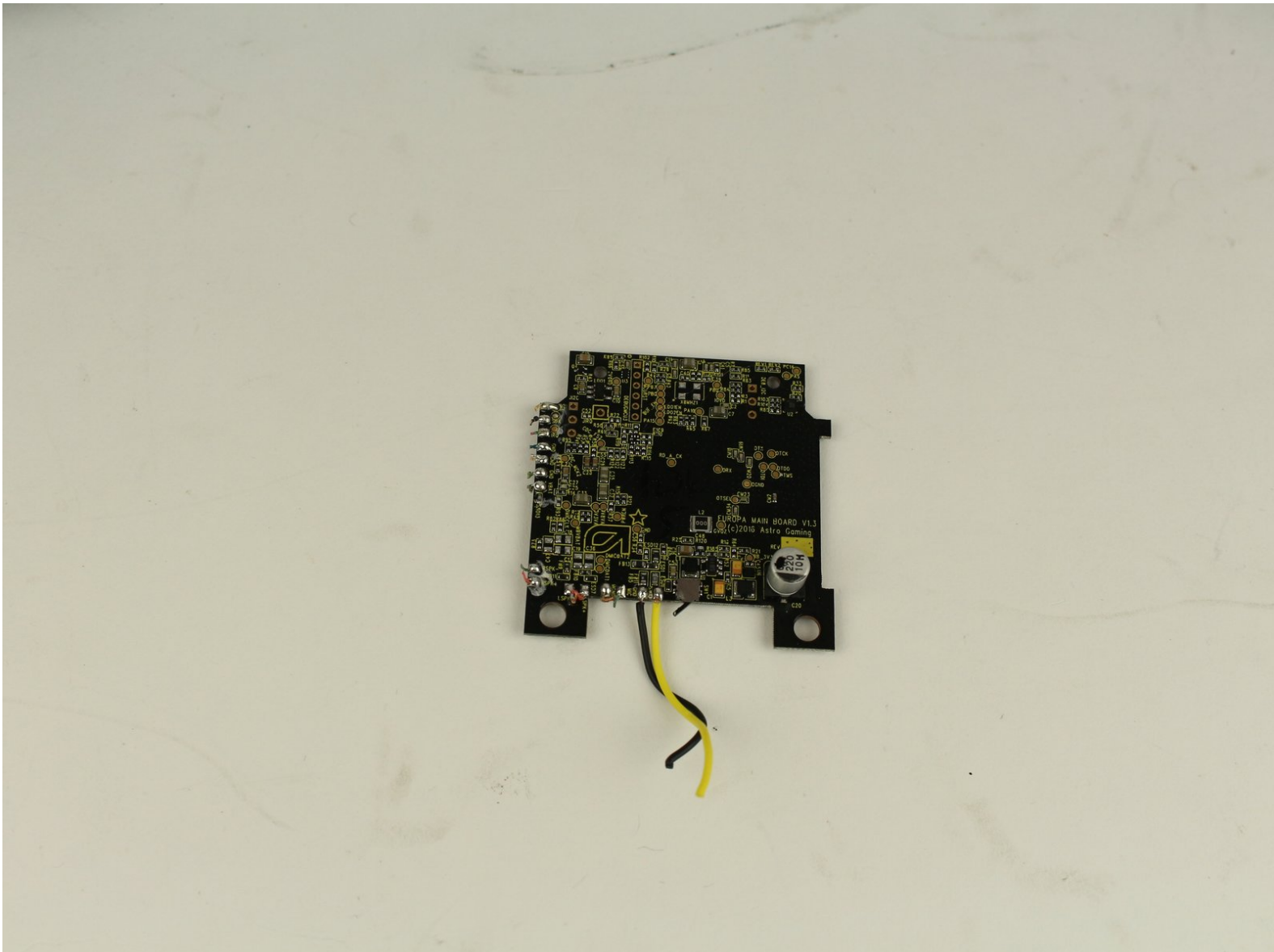




Astro A50 2016 Headset Motherboard Replacement

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)

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



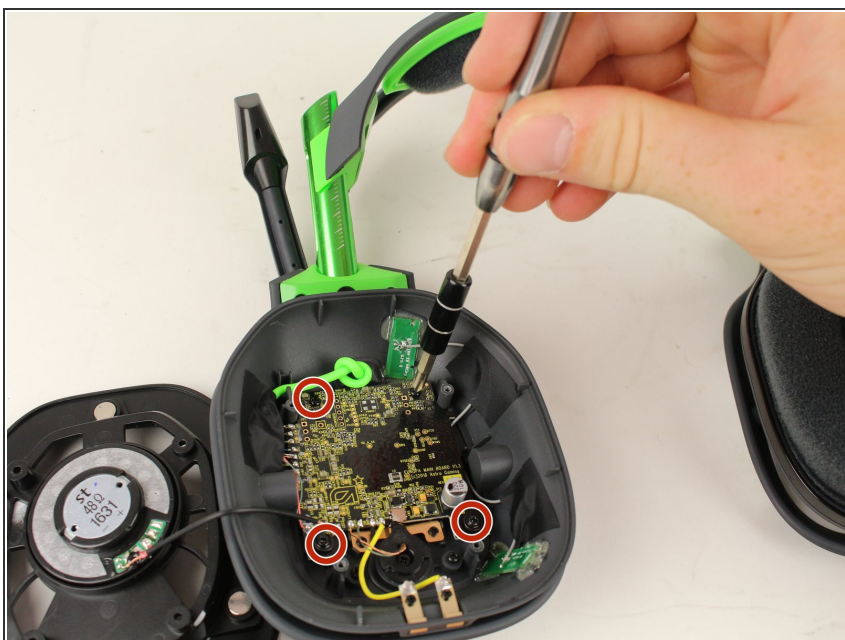
- Remove the four 6mm Phillips 1 screws.

Step 4



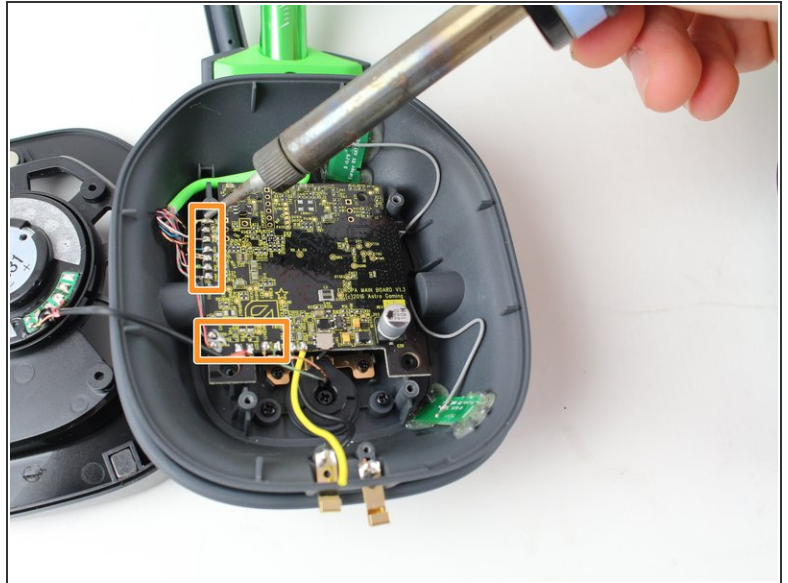
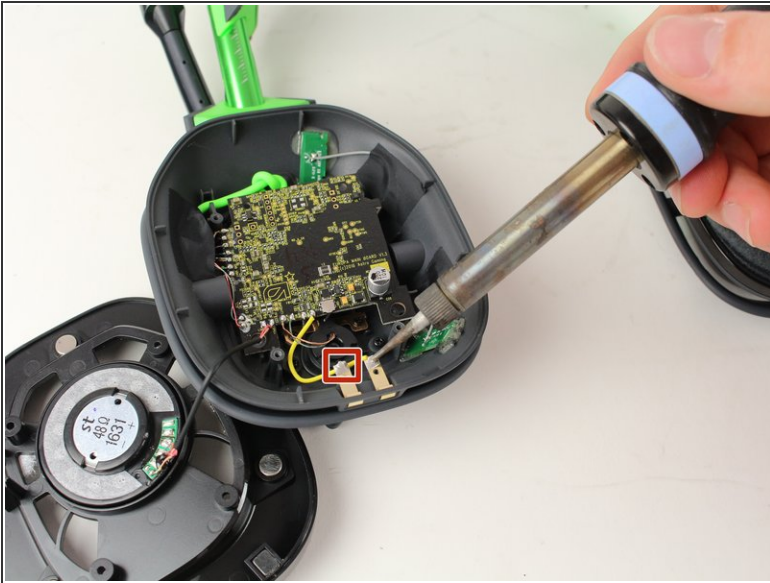
- Lift the speaker module up off the device.

Step 5 — Headset Motherboard



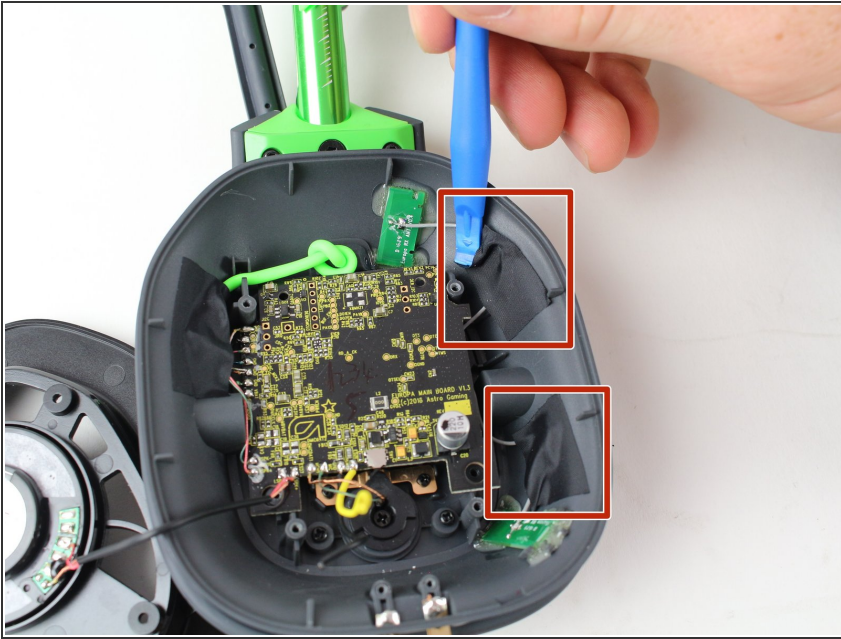
- Remove the four 6mm Phillips 1 screws.

Step 6



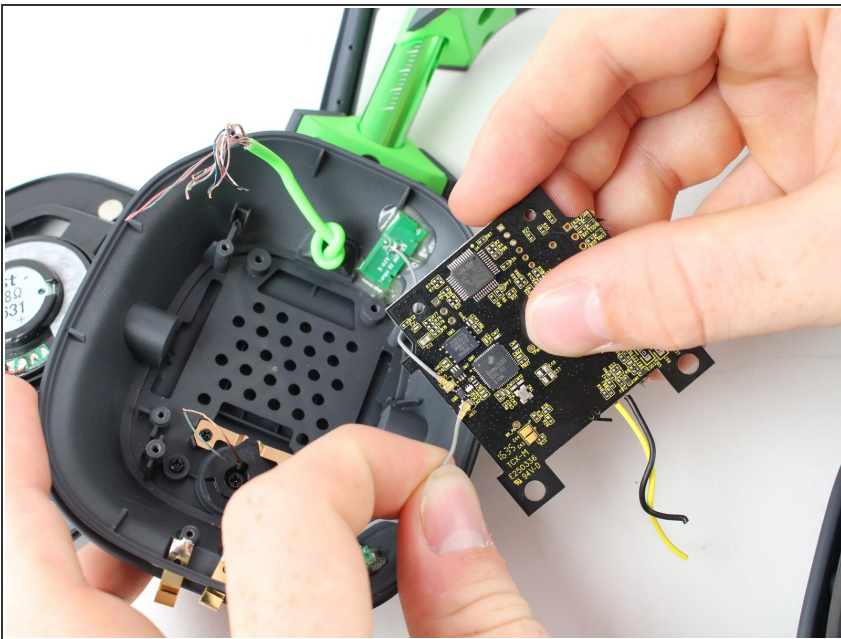
- Use a soldering iron to desolder the black and yellow wires from the two metal plates near the bottom of the device.
- Use a soldering iron to desolder the 13 wires in rows along the left and bottom sides of the headset motherboard.
- [How To Solder and Desolder Connections](#)

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.