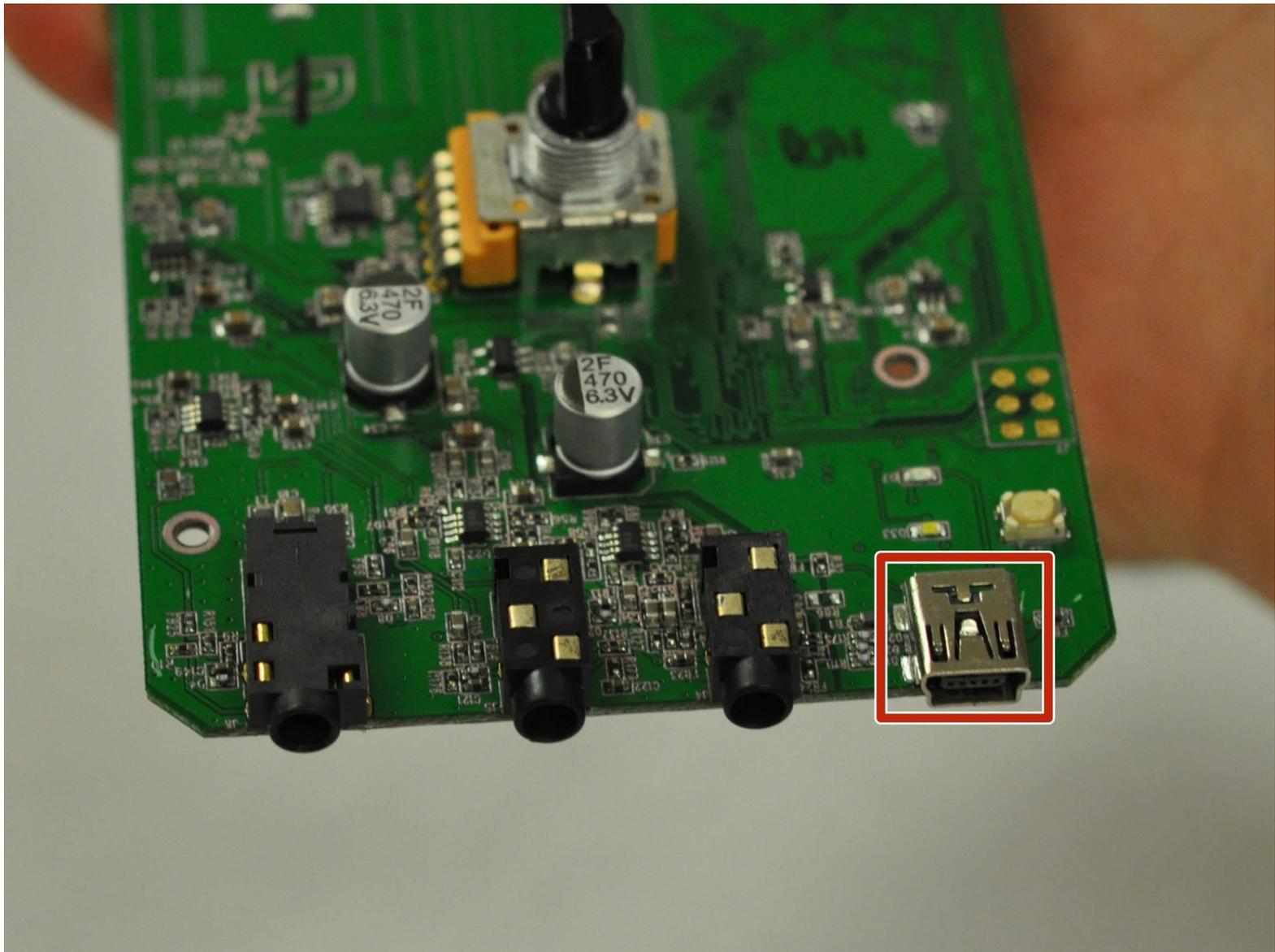




# Astro Mixamp USB Port Replacement

Remove the USB port for cleaning or repair.

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## INTRODUCTION

Use when the USB port needs to be removed. (Soldering Required)

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### TOOLS:

- [Tweezers](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Soldering Iron](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Panel Dial



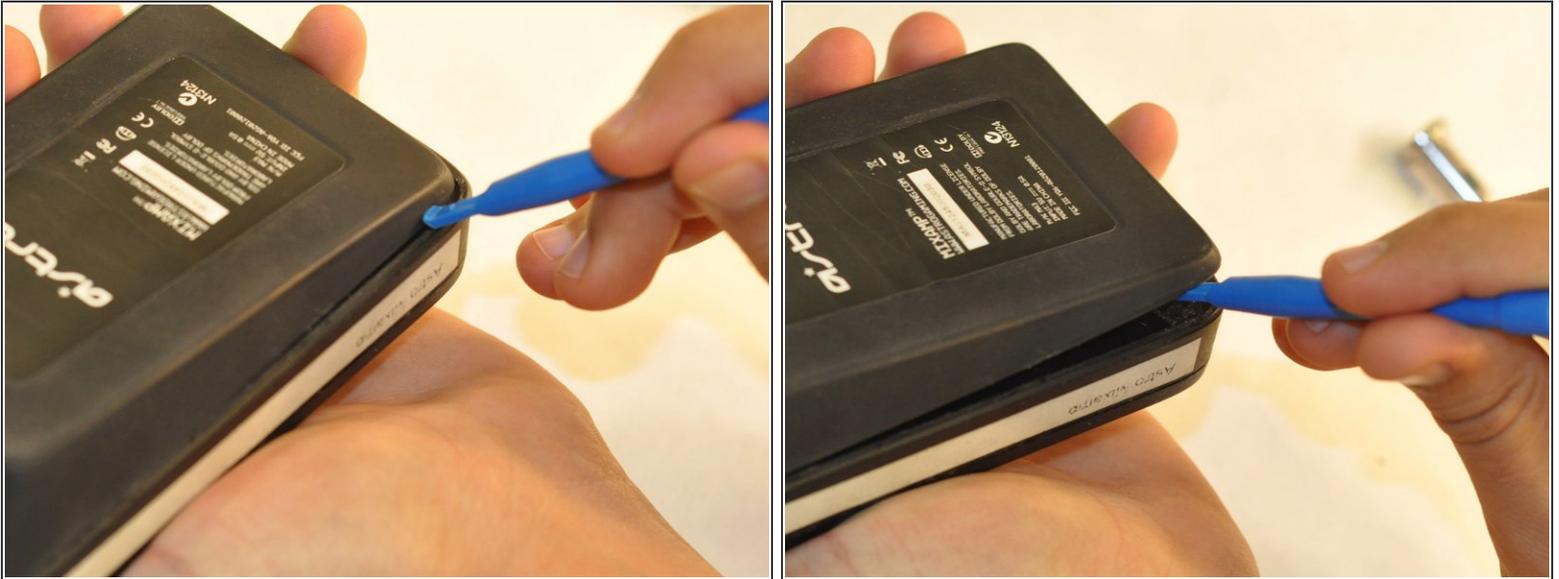
- Grip the dial tightly and pull straight off the device.
- Repeat for the second dial

## Step 2



- Using tweezers, remove the spacer nuts and washers from each dial post.

### Step 3 — Outer Casing



- ⓘ Before opening your device, ensure the device is not on or connected to the charging cable.
- Insert a plastic opening tool into the seam between the rubber foot and plastic casing.
- Pull the rubber foot free of the plastic casing.

### Step 4



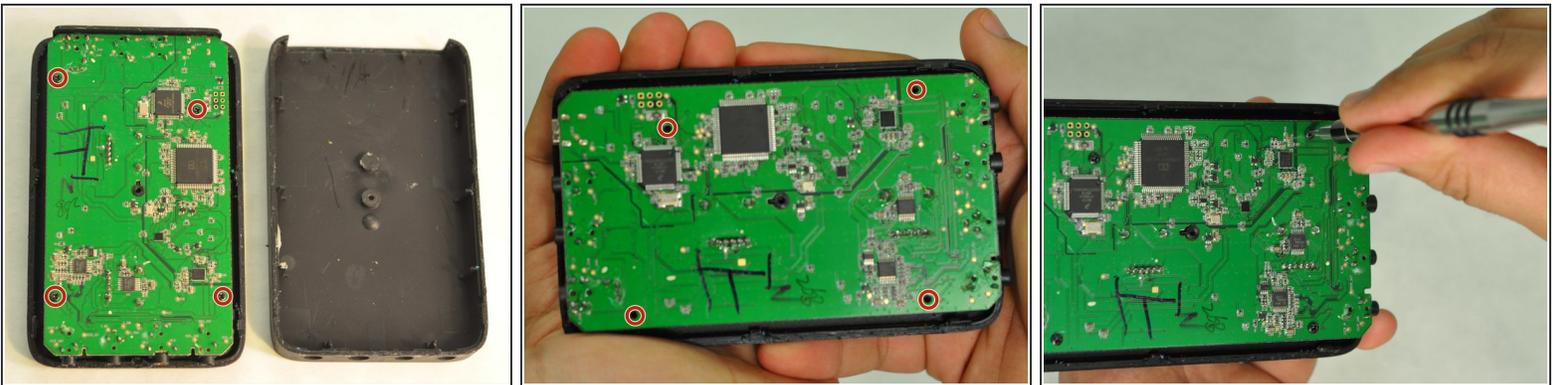
- Use a screwdriver to remove the screw from the rear casing.

## Step 5



- Gently lift the rear casing from the device.

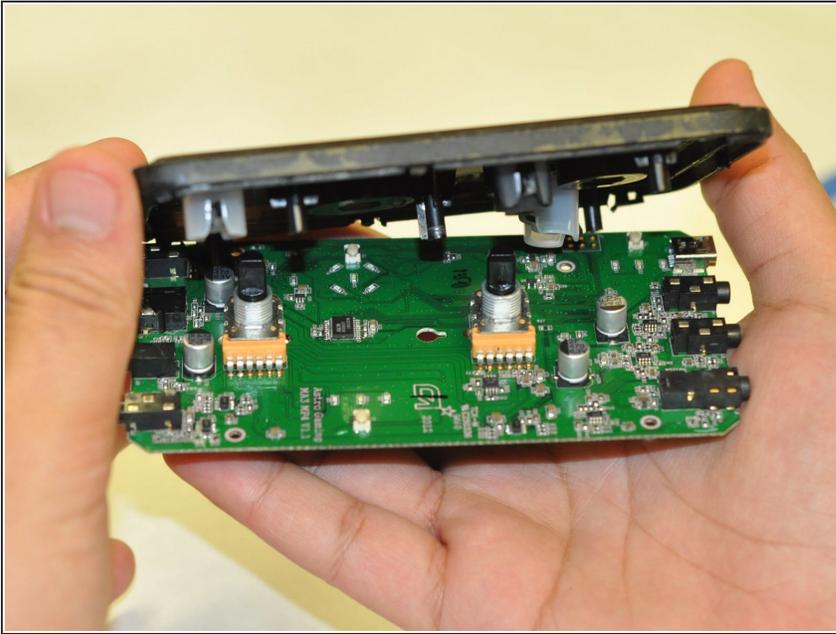
## Step 6 — Motherboard



- Remove the four screws that hold the motherboard in place.

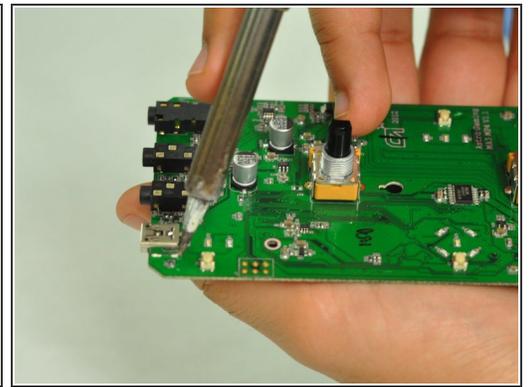
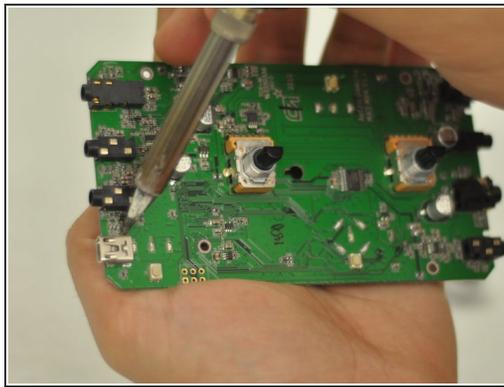
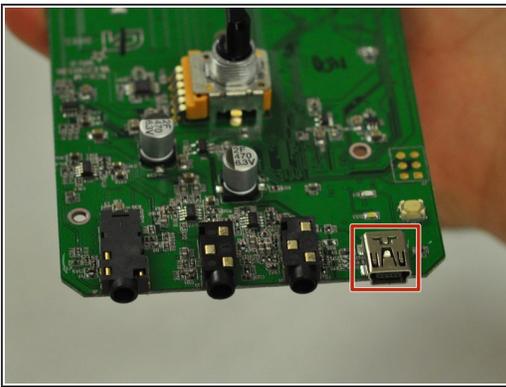
 Only touch the edges of the motherboard. Touching the surface can damage the motherboard.

## Step 7



- Gently pull the motherboard from the front cover.

## Step 8 — USB Port



- Press the tip of a hot soldering iron to the USB connection to melt the solder.
  - Use a nylon spudger to lift the USB from the solder.
  - Repeat for each of the four USB connections.
- i** For more help on soldering, refer to this guide: [How To Solder and Desolder Connections](#)

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

This document was generated on 2020-11-13 10:10:40 PM (MST).

