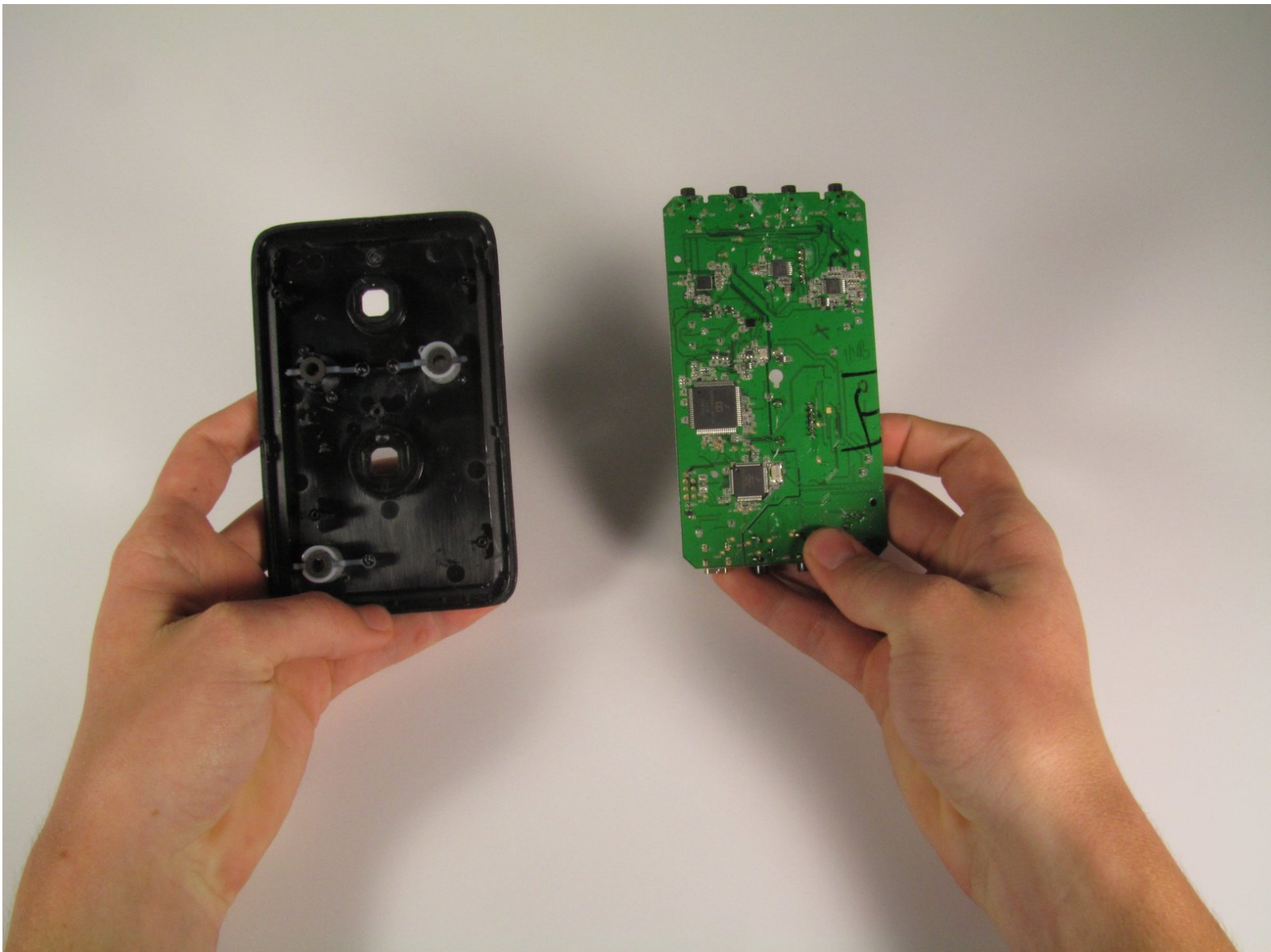




# Astro A40 Gen2 Mixamp Motherboard Replacement

This guide will demonstrate how to reach and remove the motherboard inside the Astro A40 Gen2 mixamp.

Written By: Mark



---

## INTRODUCTION

In this guide, we will be reaching and removing the motherboard from its housing in the Astro A40 Gen2. The motherboard is the only component inside the mixamp.

**WARNING:** Use caution when placing screws to the side as they are very small and easy to lose. Place them in groups apart from each other to avoid confusion.



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [Metal Spudger Set](#) (1)
  - [Tweezers](#) (1)
-

## Step 1 — Remove Dials



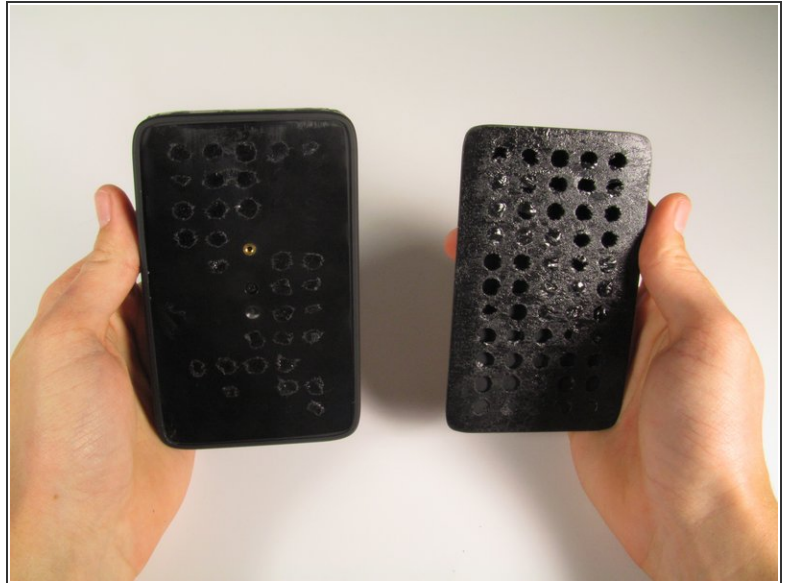
- Remove the dials using either a metal spudger or your hands. Be careful as the dials may be difficult to remove.

## Step 2 — Remove nuts and washers.



- Locate the two 11/32 inch nuts underneath the dials.
- Use an 11/32 inch socket wrench or tweezers to unscrew and remove the nuts and washers.

### Step 3 — Remove back pad.



- Using a larger metal spudger, remove the rubber back of the mixamp.
- ⓘ The back will have glue residue after removal. Depending on the stickiness of the residue, more glue may be needed to stick the backing back on.

### Step 4 — Take out main case screw.



- Remove the one 4.5 mm Phillips #0 screw on the back panel of the mixamp.

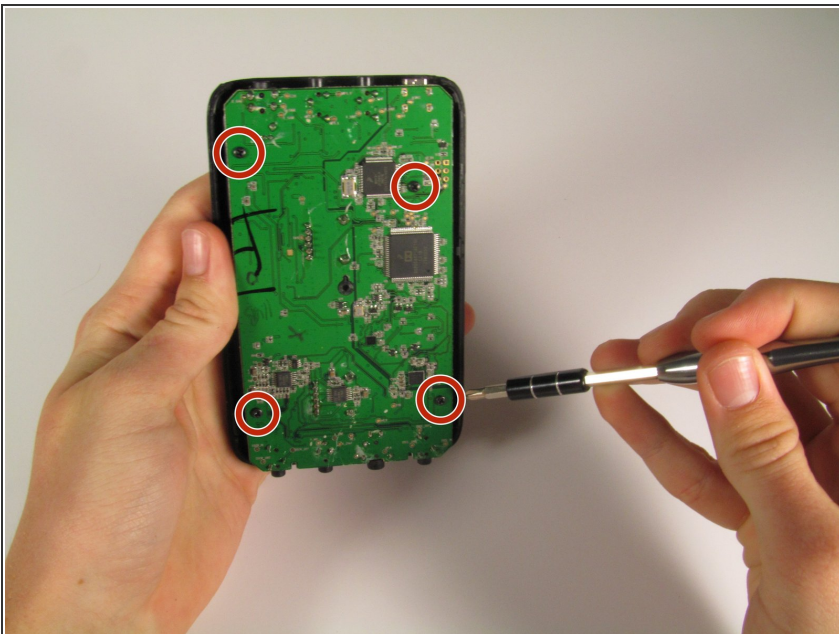
## Step 5 — Pry open the case.



- Using a large metal spudger, detach all plastic clips holding the bottom and top casings together.
- Remove the input casing using your fingers.

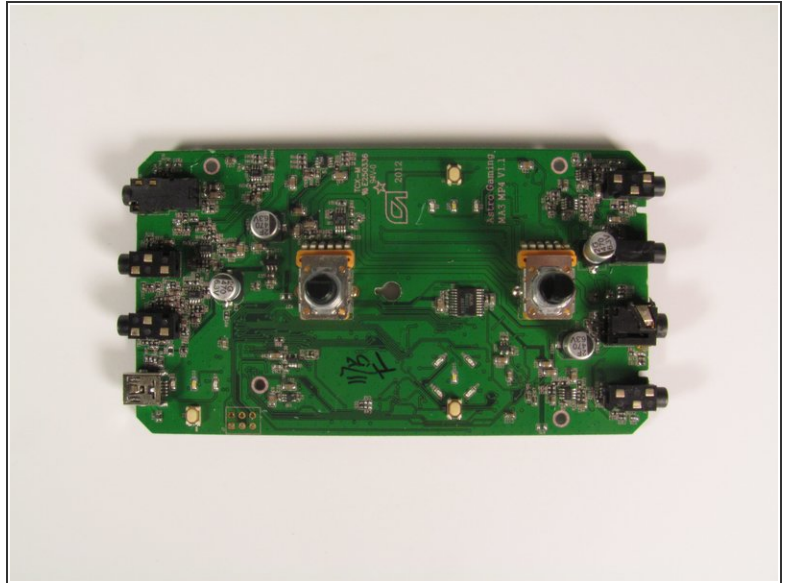
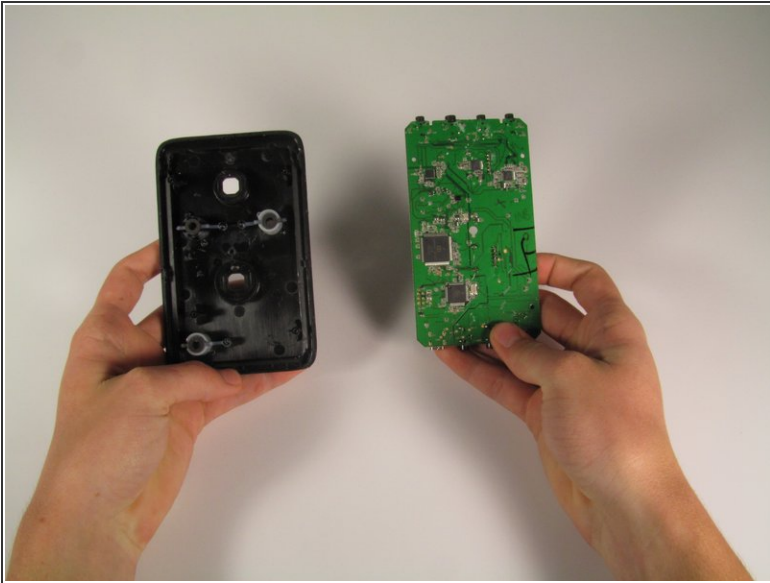
- ⚠ Be careful when releasing the clips between the two casings, as it is very easy to scratch the mixamp or break the clips.
- ⚠ Use caution when pulling the two casings apart as it is very easy to pinch your fingers between them.

## Step 6 — Remove the motherboard from the case.



- Remove the four 5.8 mm Phillips #0 screws on the motherboard.

## Step 7



- Remove the motherboard from the casing.

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