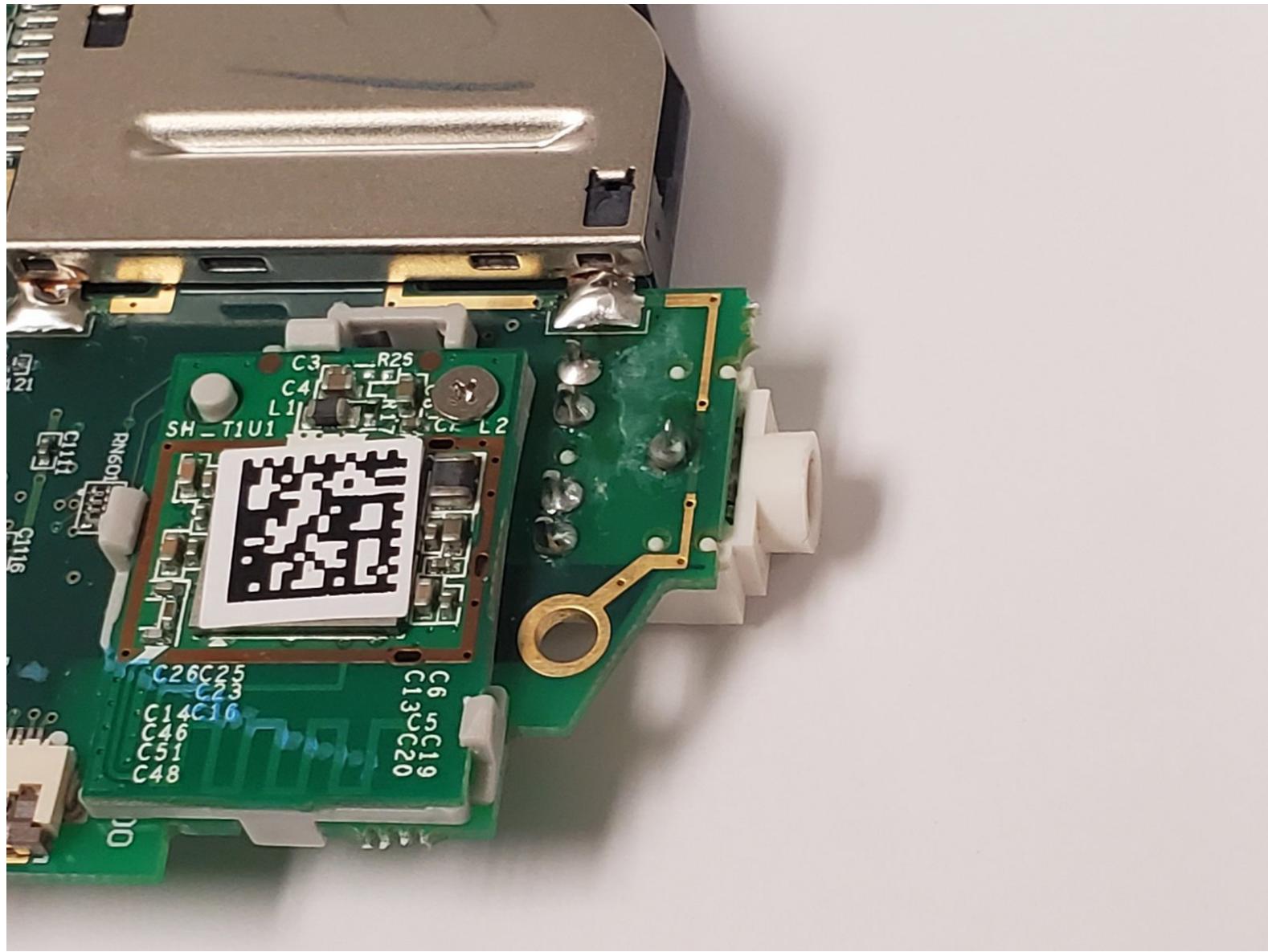




# LeapFrog LeapPad Ultra XDi Audio Jack Replacement

Replacing the audio jack in the LeapFrog LeapPad Ultra XDi.

Written By: Mario Rivera



## INTRODUCTION

This guide provides steps for replacing the audio jack in the LeapFrog LeapPad Ultra XDi (model number 33300) .

The audio jack transmits audio from the device to auxiliary devices. When this part is not working properly audio may be distorted or not audible. You should first try the audio jack [troubleshooting guide](#) before replacing the entire audio jack.

Step 10 requires you to desolder the audio jack from the motherboard and solder a the replacement audio jack. If you're not familiar with soldering you can follow this [guide](#) for instructions. A new audio jack is also required for this guide.

Before beginning, make sure to power down the device completely and disconnect it from any power source.

## TOOLS:

- [Spudger](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Soldering Iron](#) (1)
- [Solder](#) (1)
- [iFixit Opening Tools](#) (1)

## Step 1 — Battery



- Orient the tablet so it's laying screen down and the barcode sticker is facing up.
- Remove the barcode sticker to expose the two screws.

## Step 2



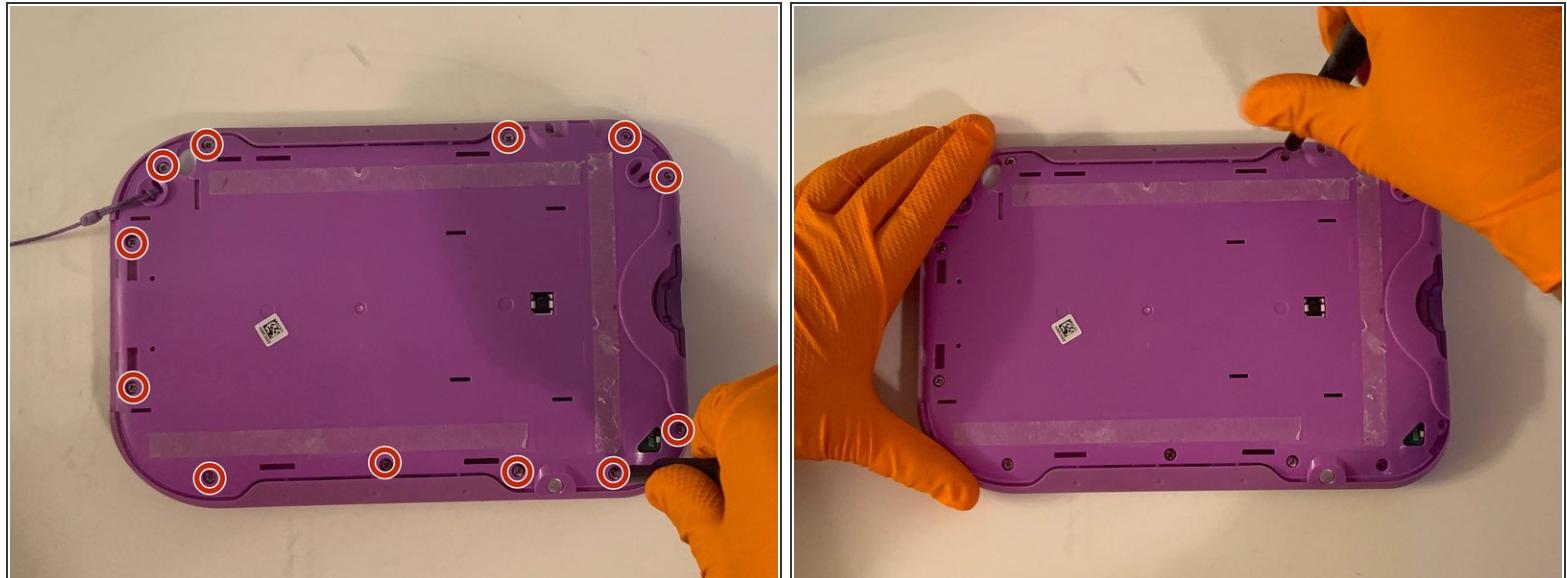
- Remove the two 5.0mm Phillips #0 screws.

## Step 3



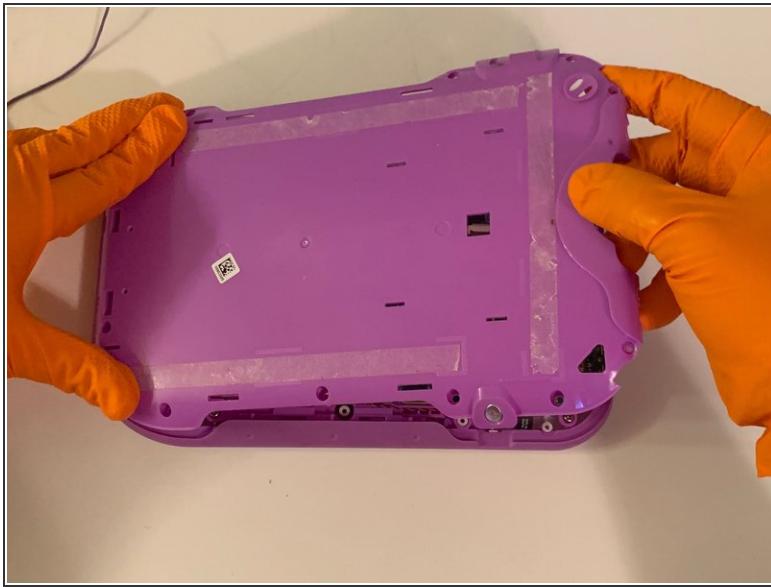
- Using the iFixit opening tool, pry off the purple and white child-proof casing to expose the twelve screws.

## Step 4



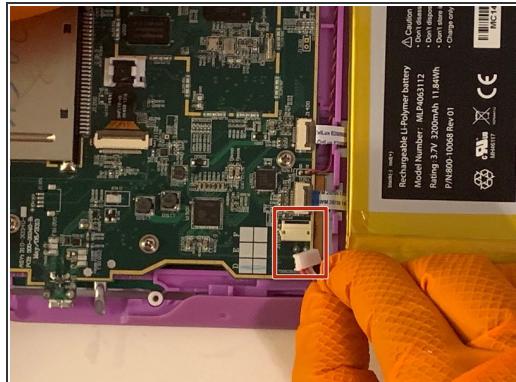
- Remove all twelve 7mm Phillips #1 screws located along the edges of the device.

## Step 5



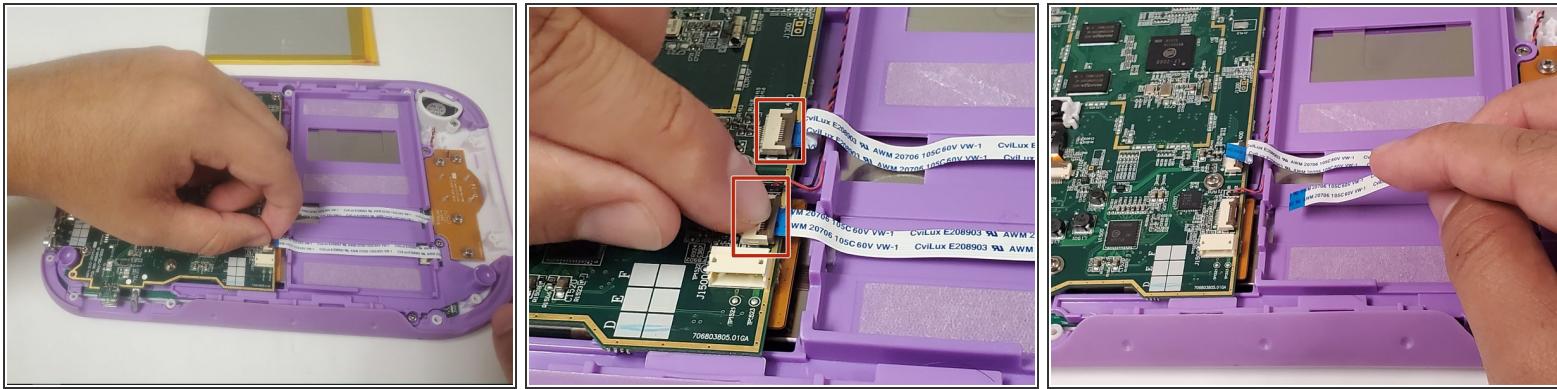
- Remove the purple case, exposing the motherboard and battery.

## Step 6



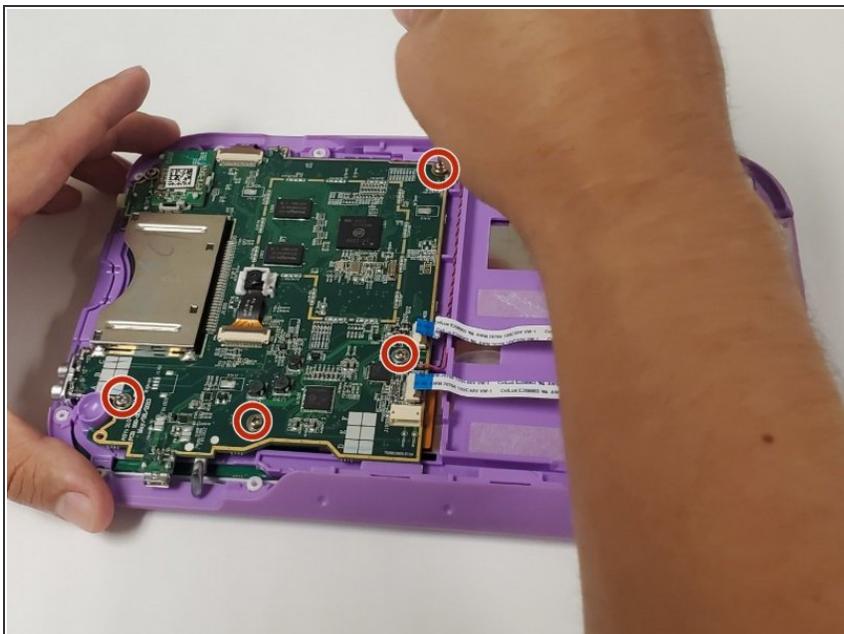
- Use the Spudger to remove the glued down battery.
- Using your fingers, grab the battery wires and carefully unplug them from the motherboard.
- Replace the battery with a new one.

## Step 7 — Audio Jack



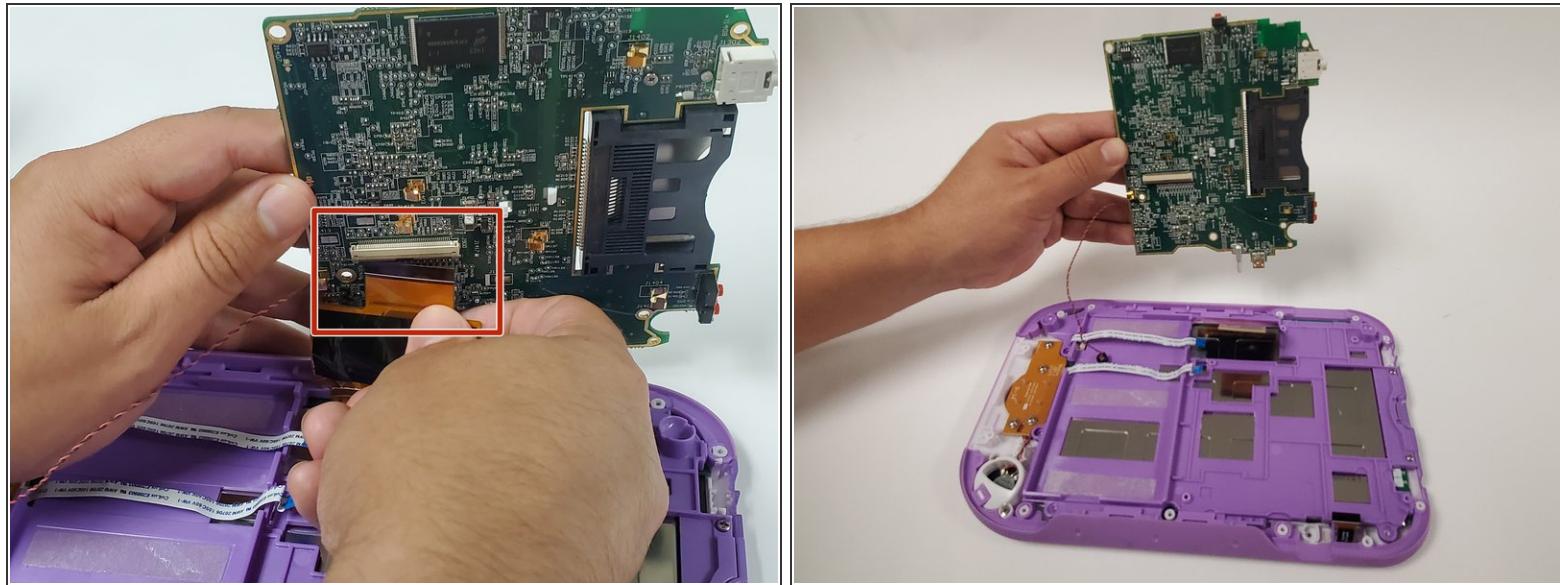
- Locate the three ribbon cables on top of the motherboard.
- Flip up the locking clip on the ribbon cable connector to release the cable.
- Disconnect the cables from their connectors.

## Step 8



- Unscrew the four 5.0 mm Phillips #0 screws securing the motherboard.

## Step 9



- Lift the motherboard up to expose the fourth ribbon cable underneath.
- Flip up the locking clip to release the cable and disconnect the cable from the connector.

## Step 10



- Locate the headphone jack on the bottom right corner of the motherboard.
- Use a soldering iron to desolder the five metal connections to the motherboard.
- Replace the headphone jack.

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