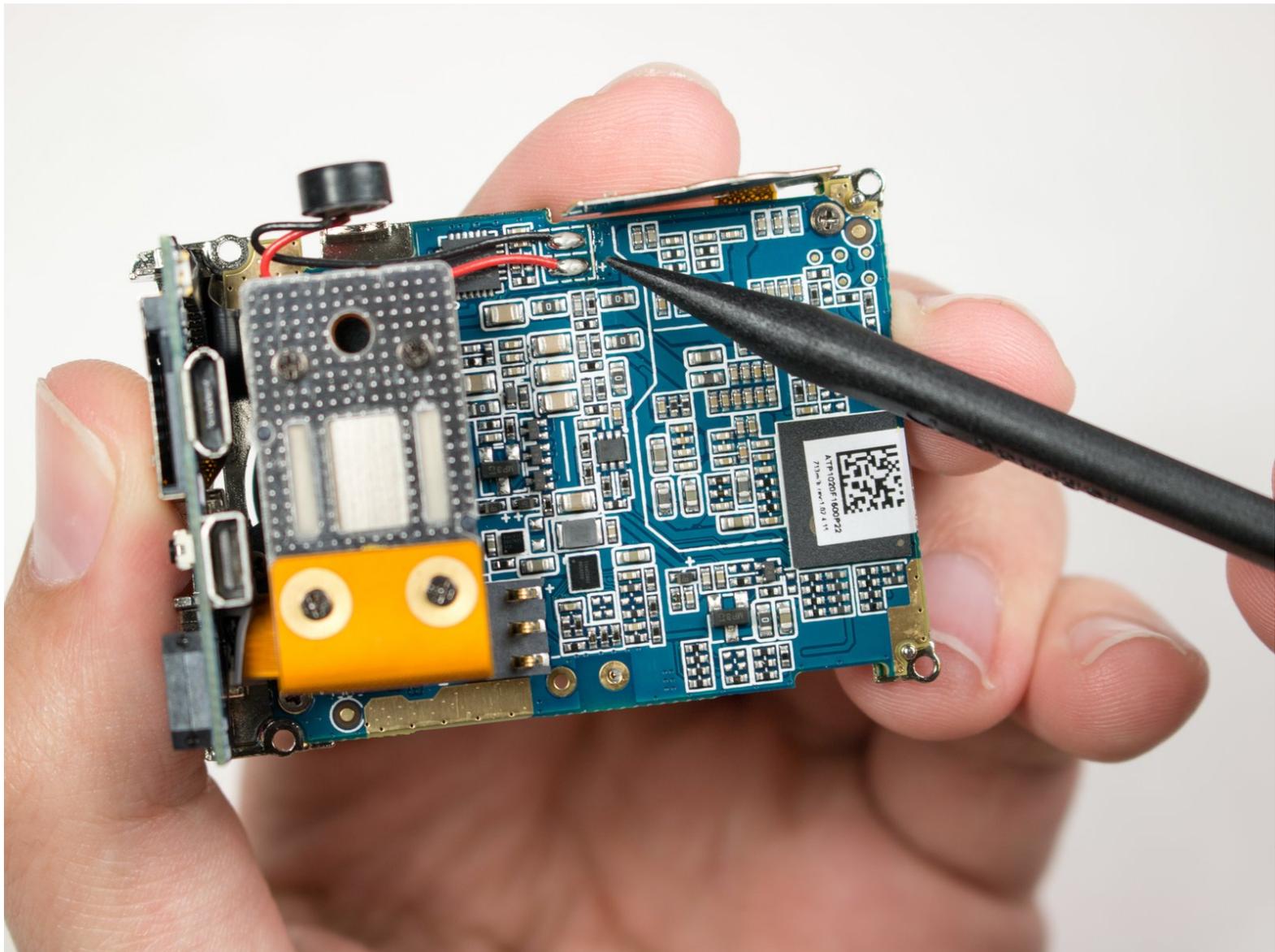# Xiaomi Yi Microphone Replacement

This guide will show you how to replace the internal microphone.
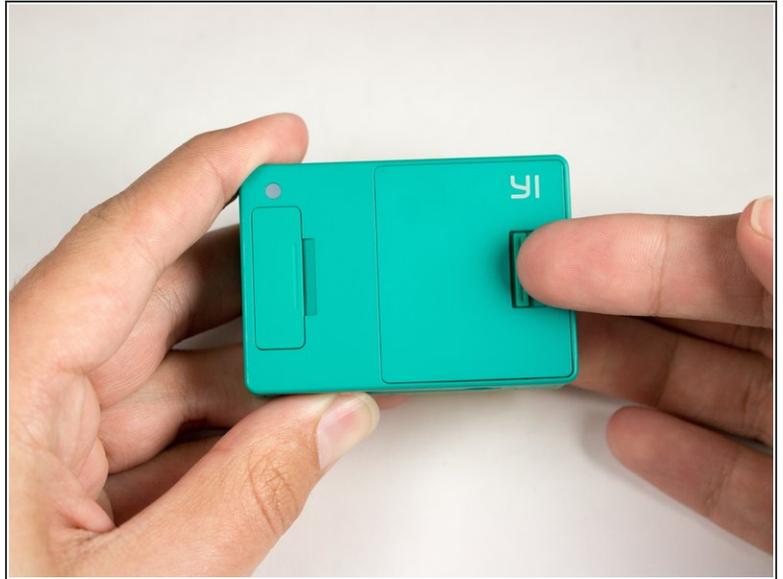
Written By: Matt Bibby

INTRODUCTION

If the audio in your recordings is distorted or missing, you may consider replacing the microphone. This guide will show you how to open the Xiaomi Yi and locate the microphone for replacement.

TOOLS:

- Soldering Iron (1)
- Solder (1)
- Tweezers (1)
- iFixit Opening Tools (1)

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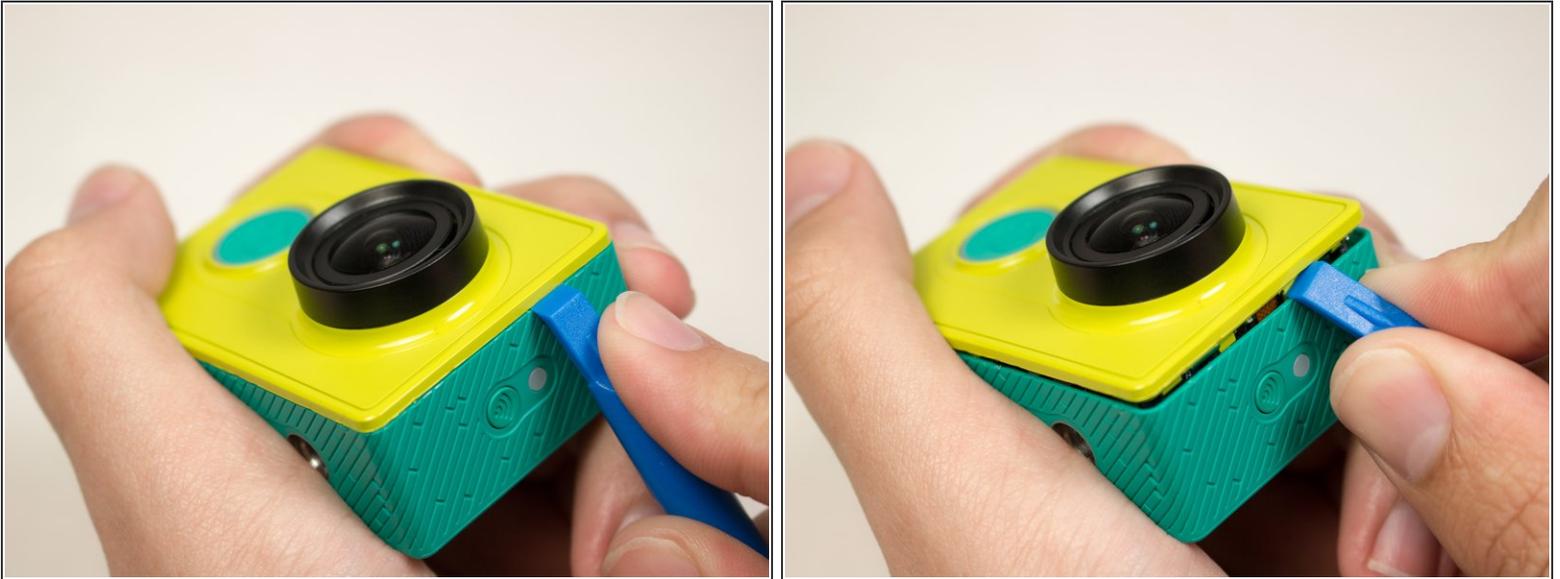
Step 1 — Battery

- Push the battery door switch to the left.

- Lift the battery door up.

Step 2

- Lift the battery tab up.

- Remove the battery by pulling the removal tab.
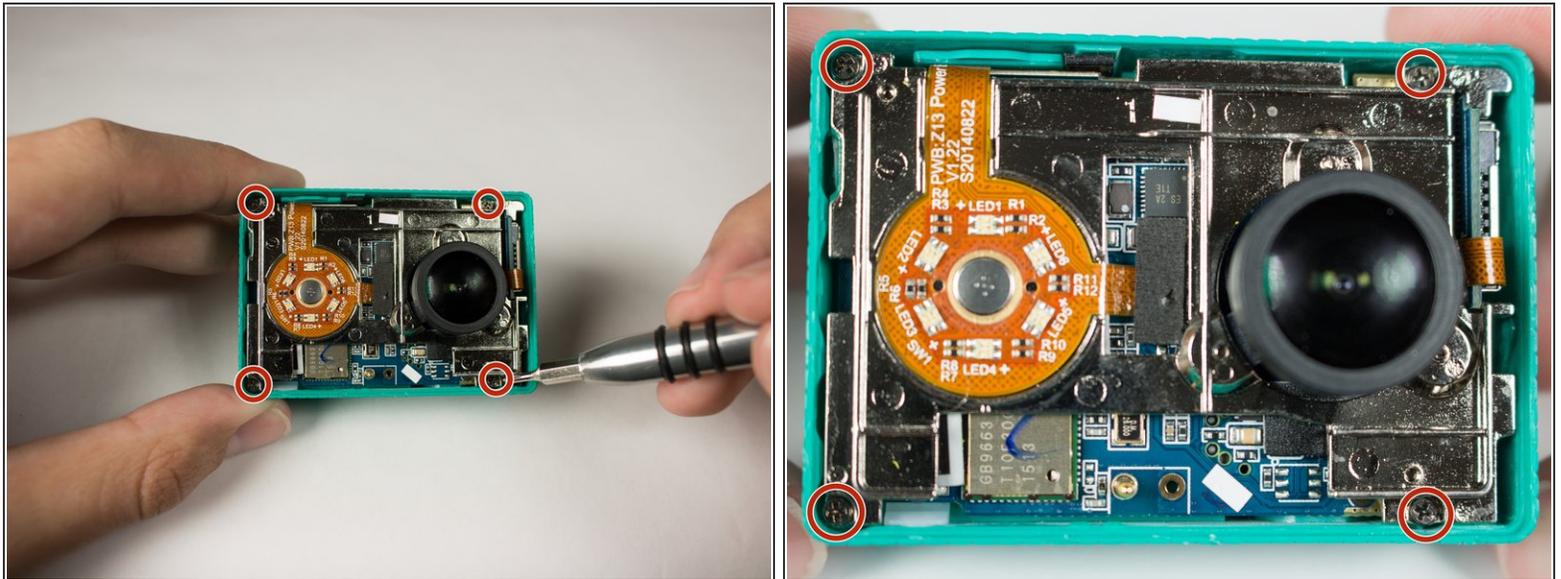
Step 3 — Front Panel

- Introduce the plastic opening tool into any of the sides of the camera.

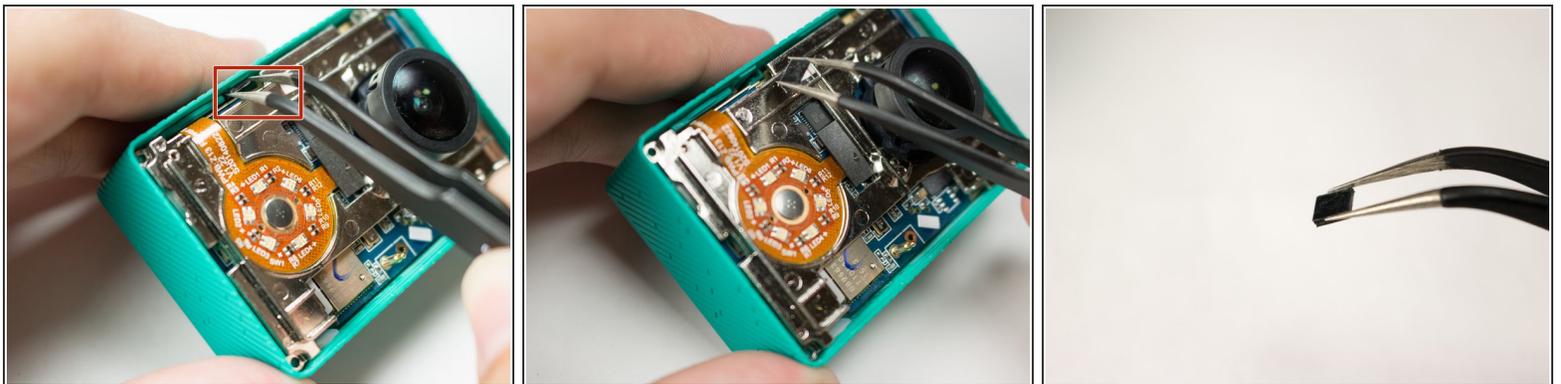- Pry with the plastic opening tool at the seam between the front and the back panel.

Step 4

- Slide prying tool along the seam until front panel is fully separated from the back panel.
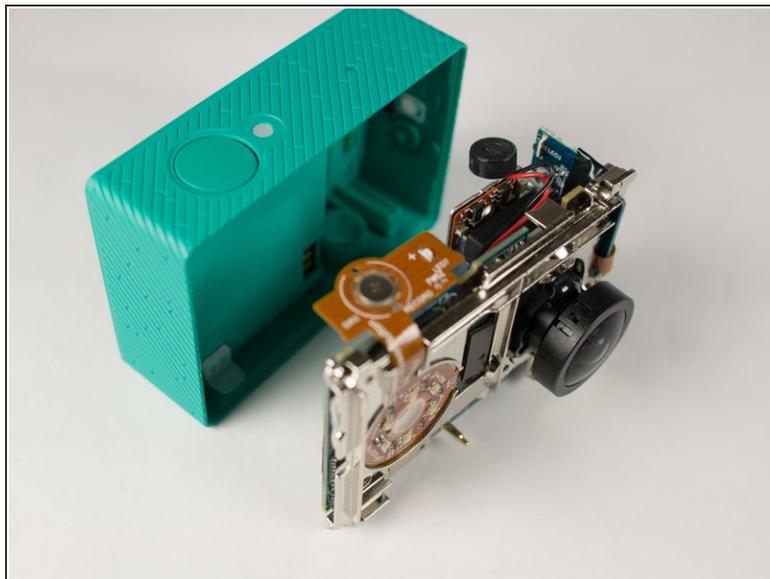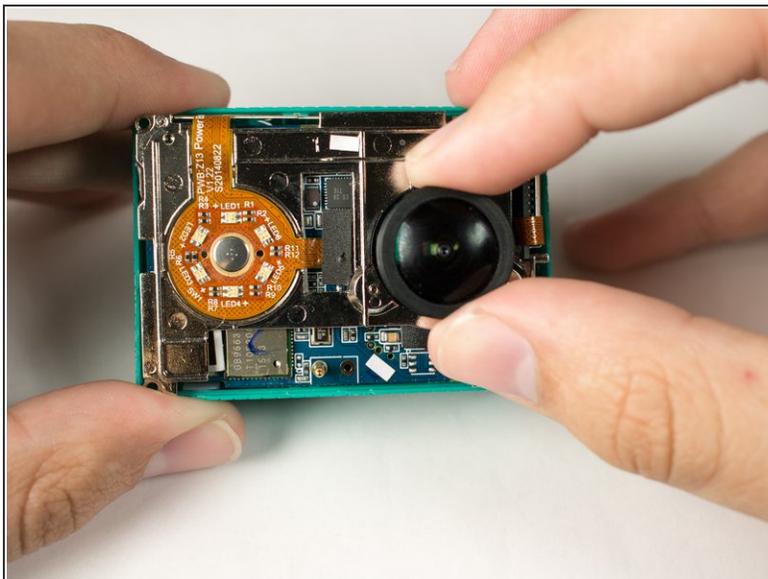
Step 5 — Back Panel

● Remove the four 3.8 mm Phillips #000 screws located in the outer corners of the motherboard.
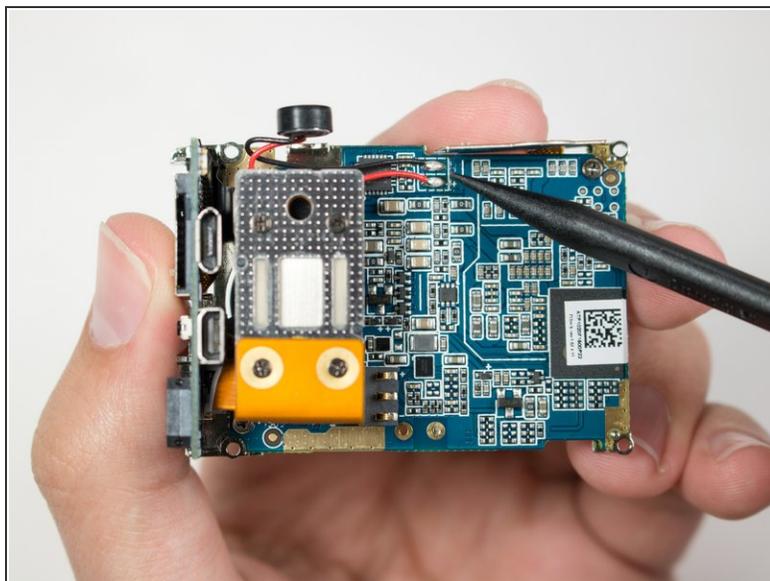
Step 6

● Pull on and remove the black spacer located at the top inside of the camera body using the tweezers and set the part aside.
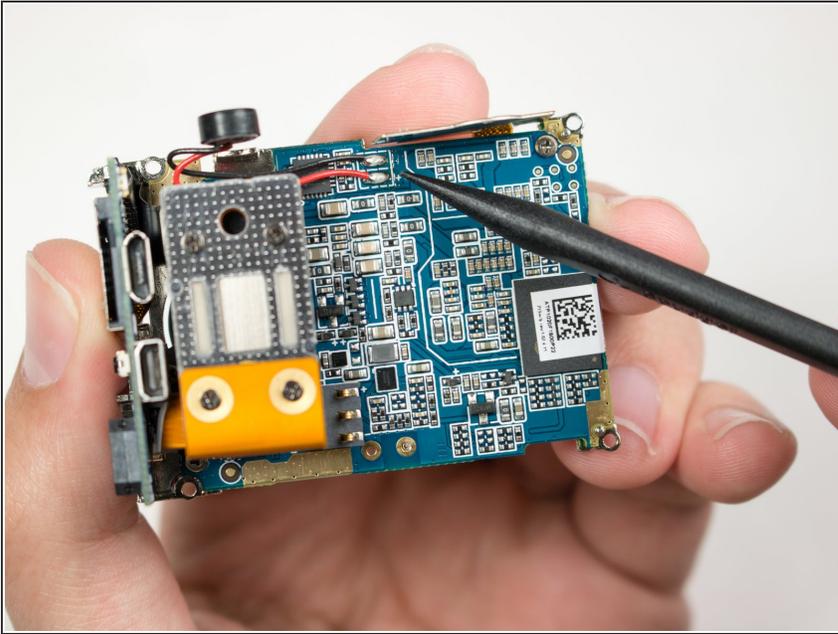
Step 7

- Remove the motherboard from from the back case by gently pulling on the lens housing.

- Back panel remains.

Step 8 — Microphone

- Locate the solder points connected to the red and black wire on the back of the motherboard.

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Step 9

- Heat these two points with a Soldering Iron and remove the microphone. Reapply fresh solder with the replacement microphone.

- ⚠ Soldering Irons are very hot and fumes from melted solder can cause irritation. Use only in a clean, well ventilated area.

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