



# Harman Kardon Onyx Studio 2 Bluetooth Antenna Replacement

If your Onyx Studio 2 no longer has Bluetooth connectivity, follow this guide to replace the entire Bluetooth antenna.

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## INTRODUCTION

After removing the control board and circuit board, the Bluetooth antenna can be accessed and therefore removed. This is helpful if a lack of Bluetooth connectivity is due to the speaker.

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### TOOLS:

- [T10 Torx Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Front Panel



- Using a plastic opening tool, pry off the front grill by wedging it in the notch on the front of the device.

## Step 2



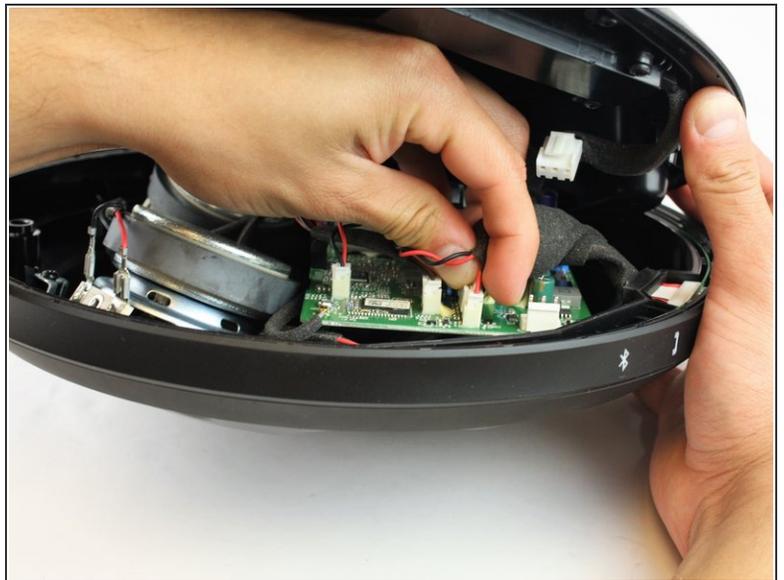
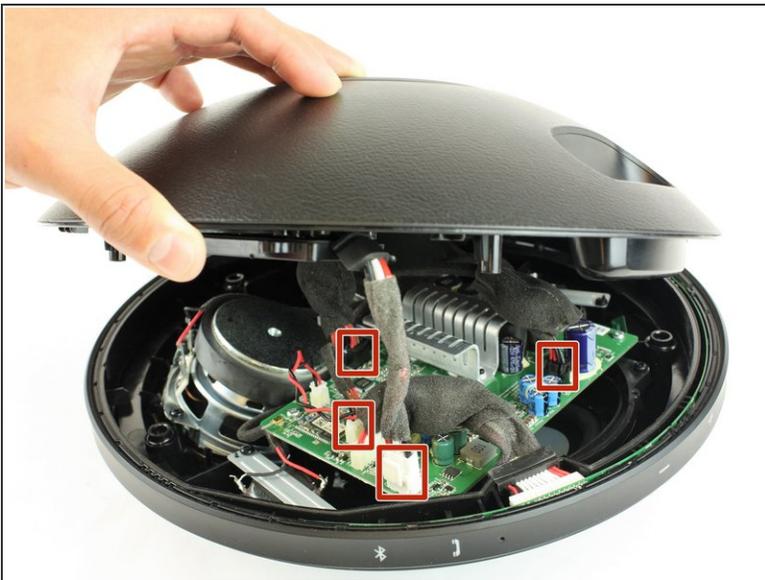
- Remove the five 14.4 mm T10 Torx screws.

### Step 3



- Gently pull the front apart from the back.

### Step 4



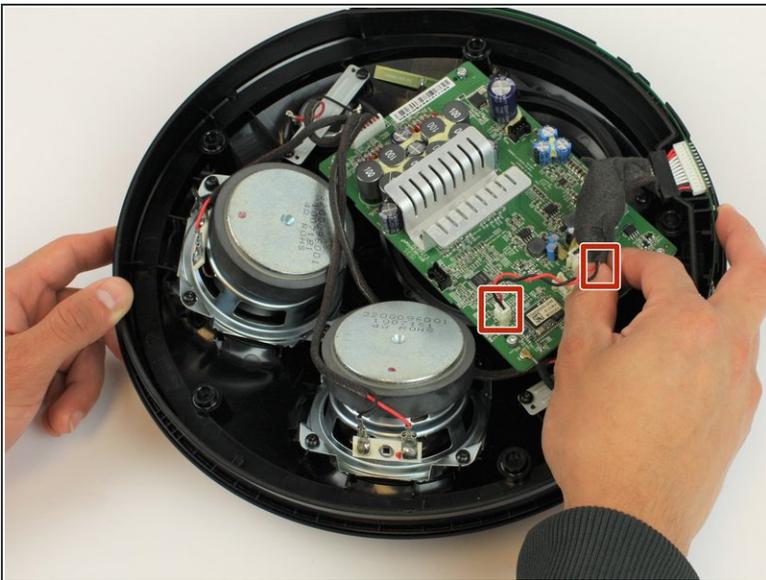
- Remove the four wires connecting the front and back panels.
- Pinch the connector tab and pull gently upwards.
- Repeat for the other three connectors.

## Step 5 — Control Board



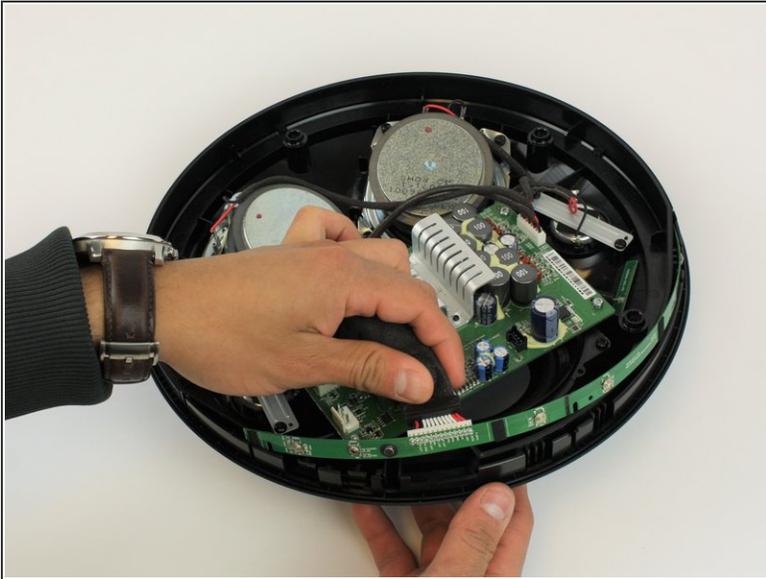
- Pull the silicone button band off of the outer edge of the speaker.

## Step 6



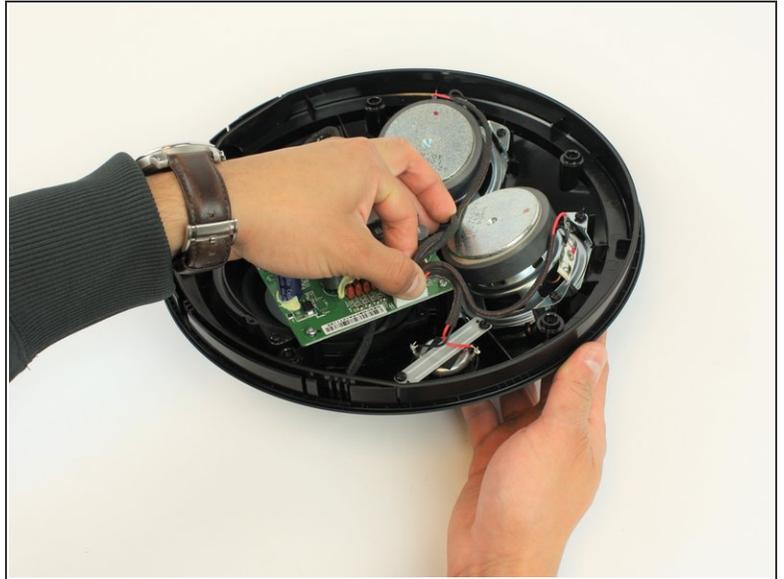
- Disconnect the two pressure connections from the circuit board.

## Step 7



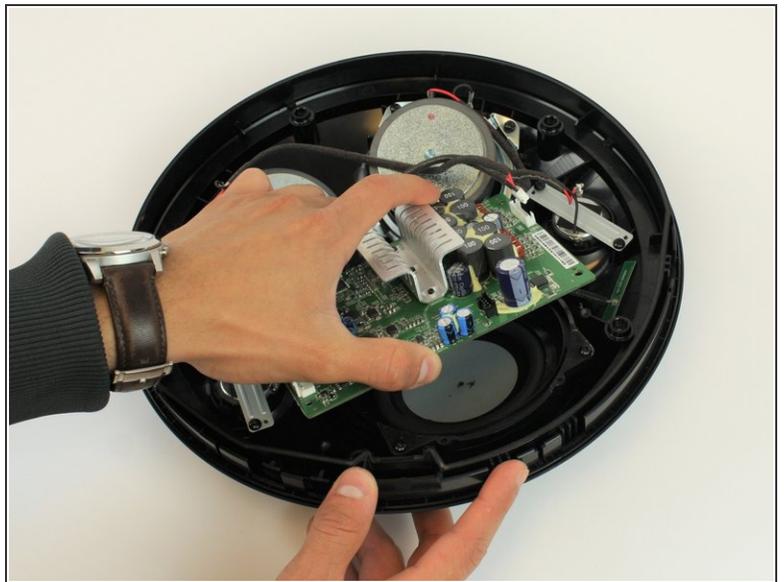
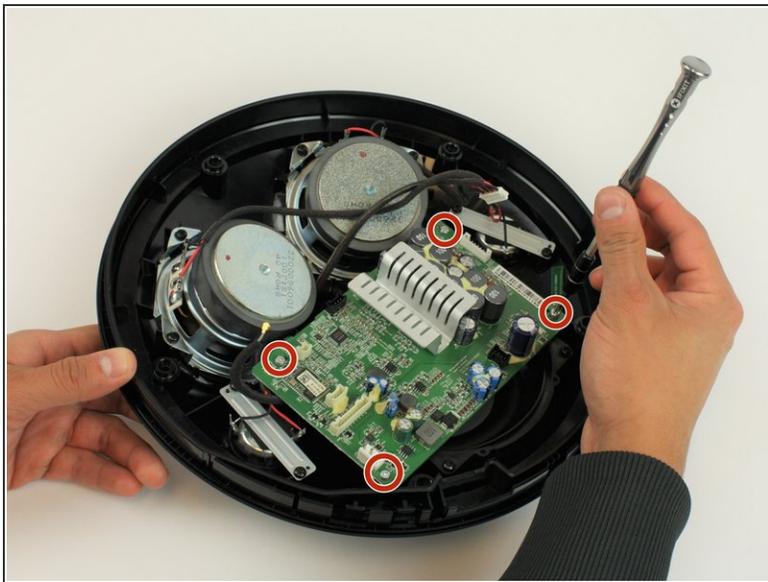
- Gently remove the control board band by placing fingers in contact with it through the button openings.
- ⓘ Work from the outer edges in so as not to bend the band.

## Step 8 — Circuit Board



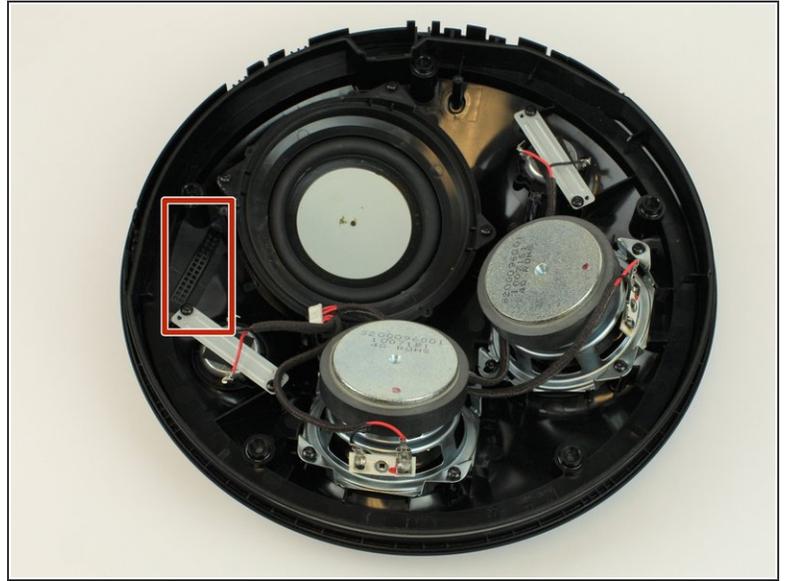
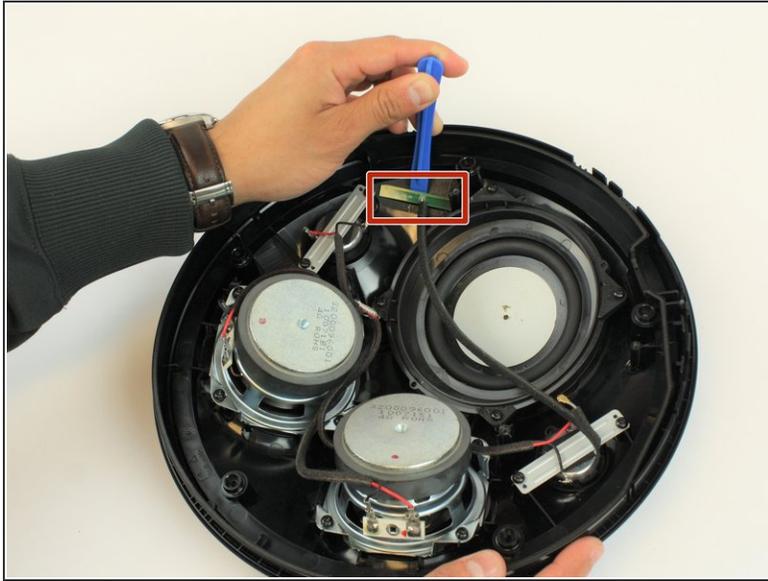
- Disconnect the remaining connectors from the circuit board.
- Disconnect the Bluetooth antenna.

## Step 9



- Remove the four 10 mm T10 Torx screws.
- Pull the circuit board out of the device as it is now free.

## Step 10 — Bluetooth Antenna



- Using the wide blue plastic opening tool, gently peel back edges of the Bluetooth board.
- Peel off completely and remove from the device.

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