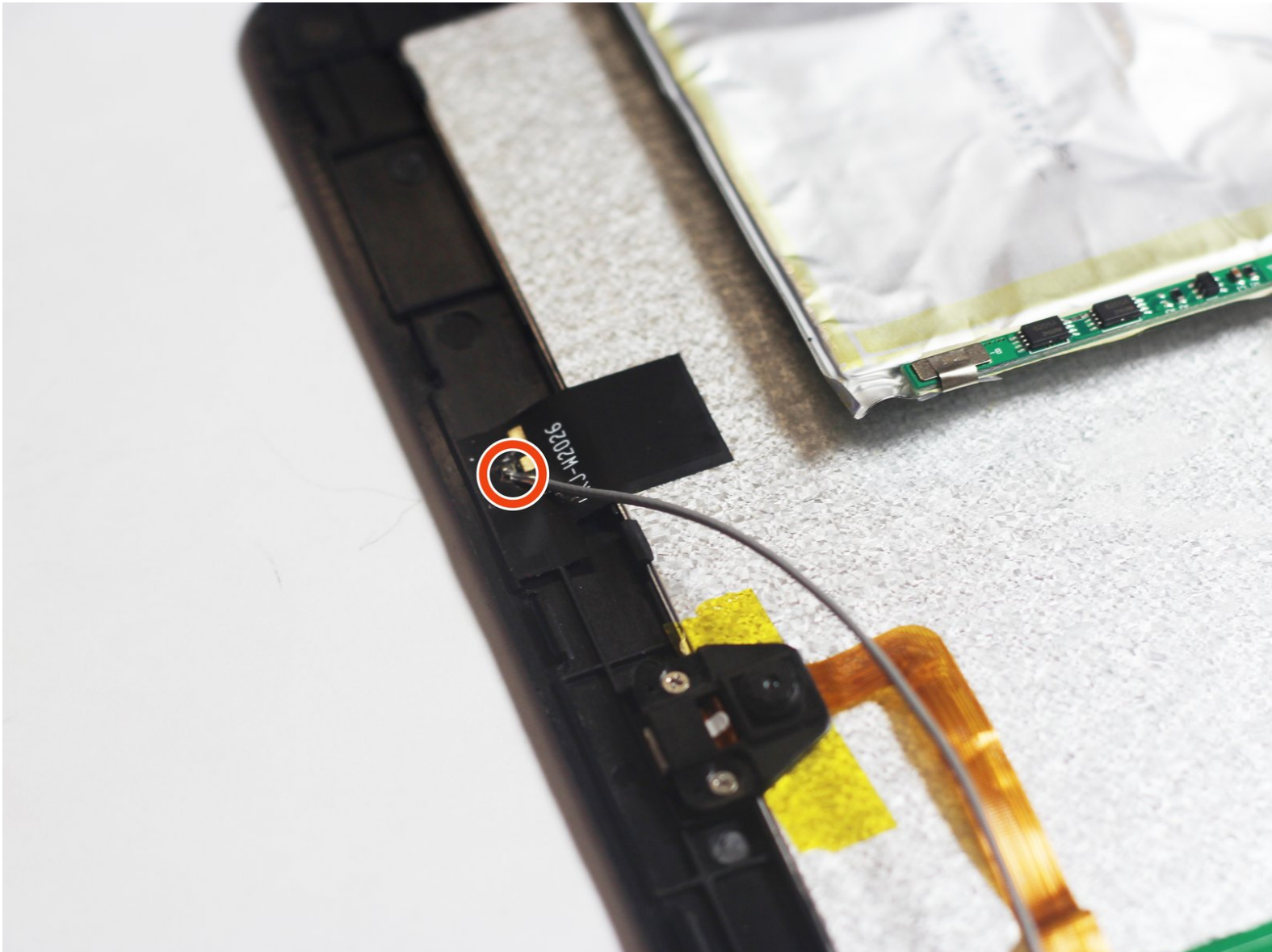




# SuperSonic Matrix Mid SC-999 FM Antenna Replacement

This guide will show you how to replace the built-in FM Antenna.

Written By: Harris Dagha



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## INTRODUCTION

In this guide you will have to remove the back cover of the device to locate and replace the FM antenna.

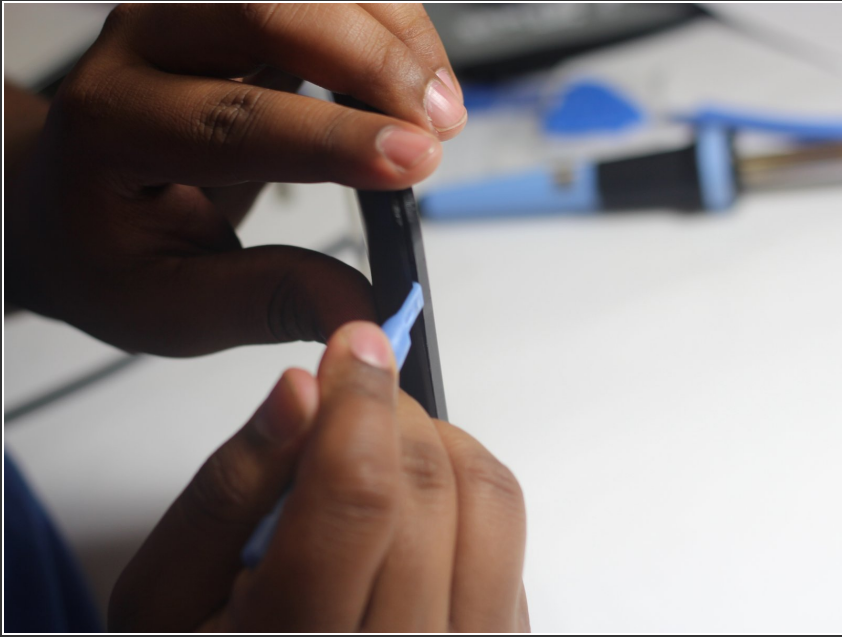
Because this task requires the use of a soldering iron, prior experience with soldering/desoldering will be beneficial.

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### TOOLS:

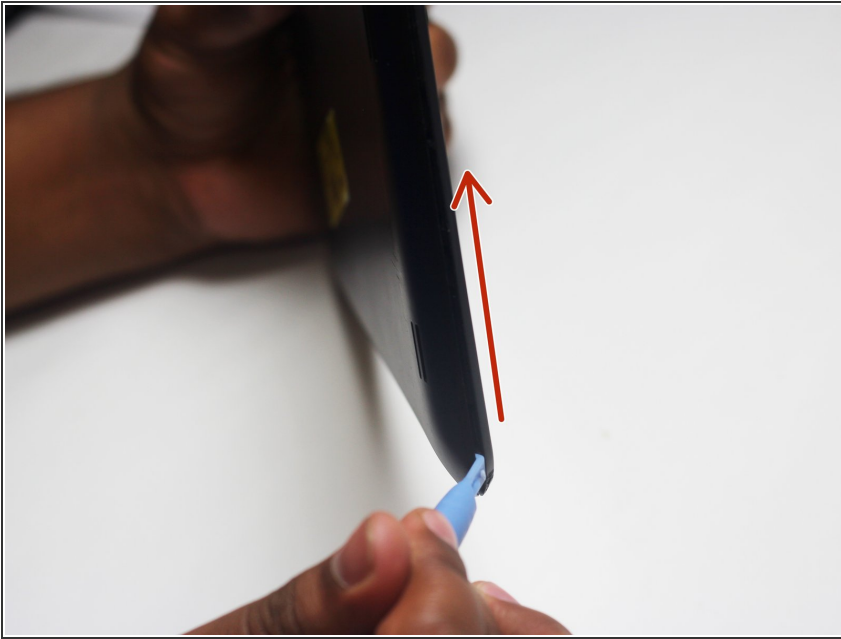
- [iFixit Opening Tools](#) (1)
  - [iOpener](#) (1)
  - [Spudger](#) (1)
  - [Safety Glasses](#) (1)
  - [Soldering Iron](#) (1)
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## Step 1 — Back Cover



- Wedge the plastic opening tool between the back cover of the device and the front panel.
- You will hear a *snapping* sound as the cover is separated from the body of the device.

## Step 2



- Slide the opening tool along the seam between the front panel and the back cover to un-clip the remaining connections around the device.
- Again, you will hear a *snapping* sound as the cover is separated from the body of the device.

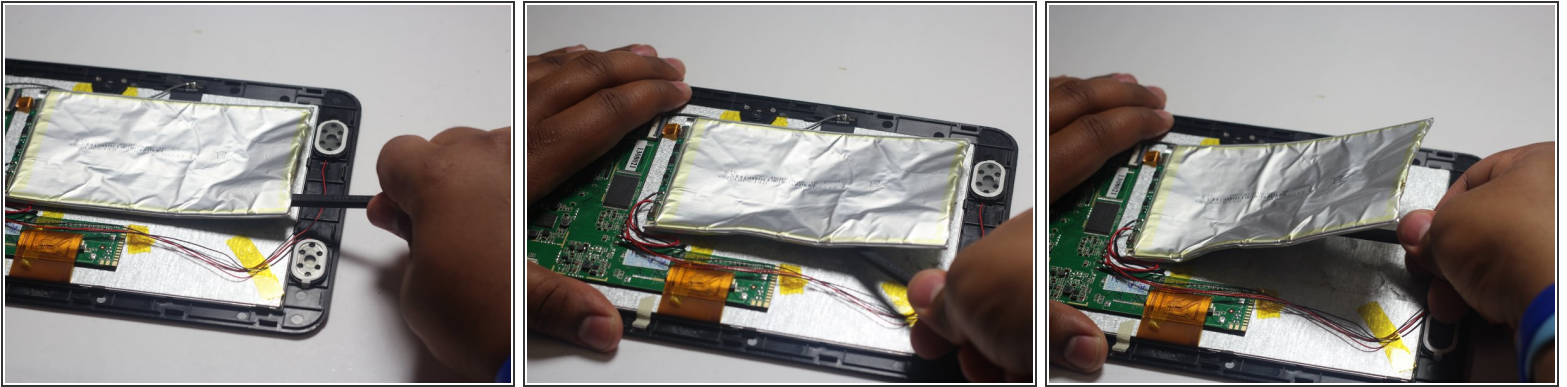
## Step 3



- Lift the back cover from the body of the device to expose the internal components.

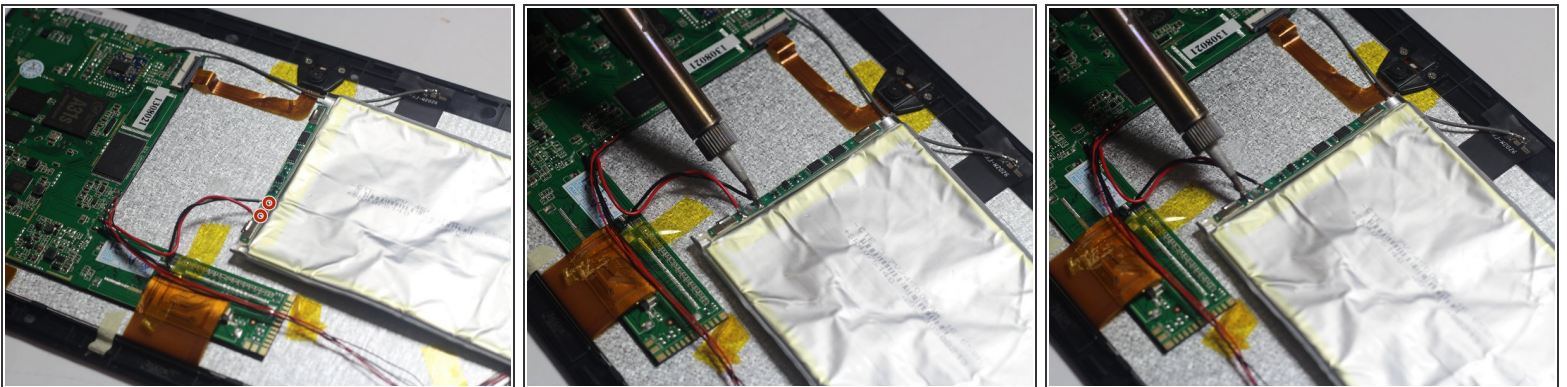


## Step 4 — Battery



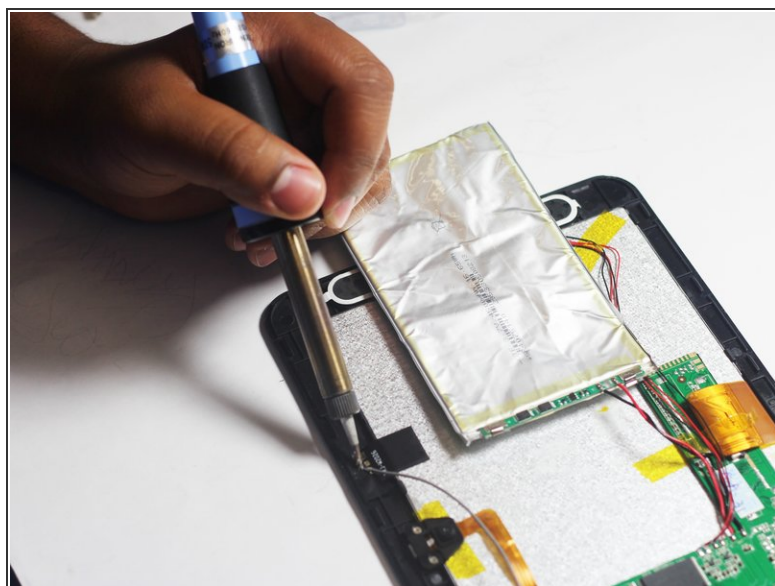
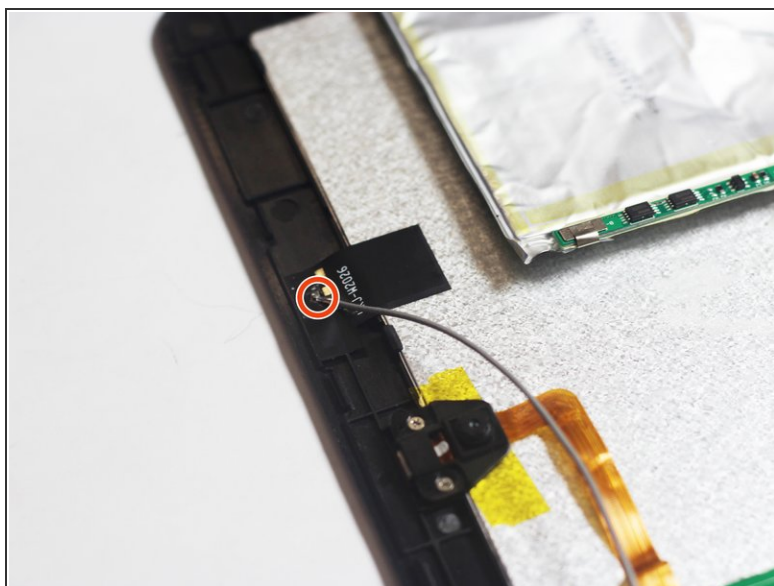
- Remove the Battery
  - The battery is secured to the back panel with tape and glue.
  - Peel back the tape around the battery and discard it.
  - Tear through the adhesive holding the battery by using the spudger tool.

## Step 5



- Desolder the 2 Battery Wires
  - The Battery has two wires connected to the motherboard (one black and one red).
  - ☑ If you're unfamiliar with soldering or desoldering check out [this guide](#).
  - ⚠ Be sure to wear protective eye wear. The soldering iron will become extremely hot and a potential danger, so make sure you are aware of your surroundings.

## Step 6 — FM Antenna

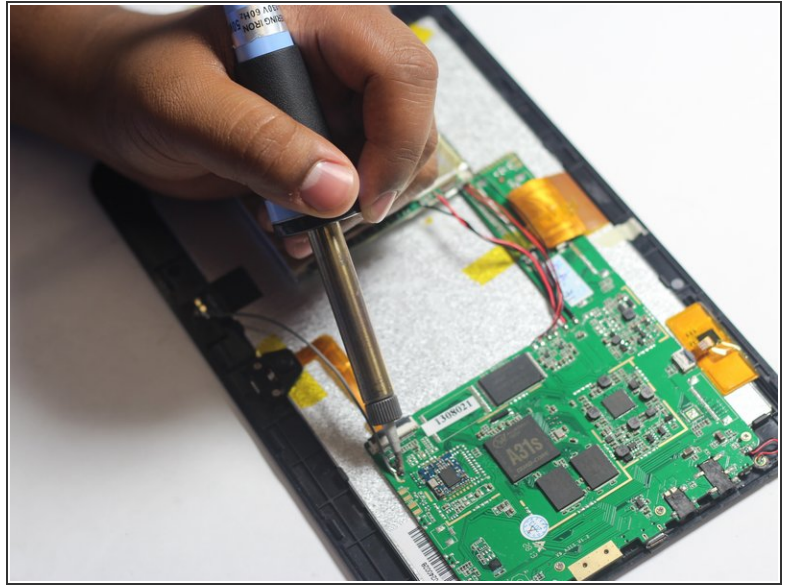
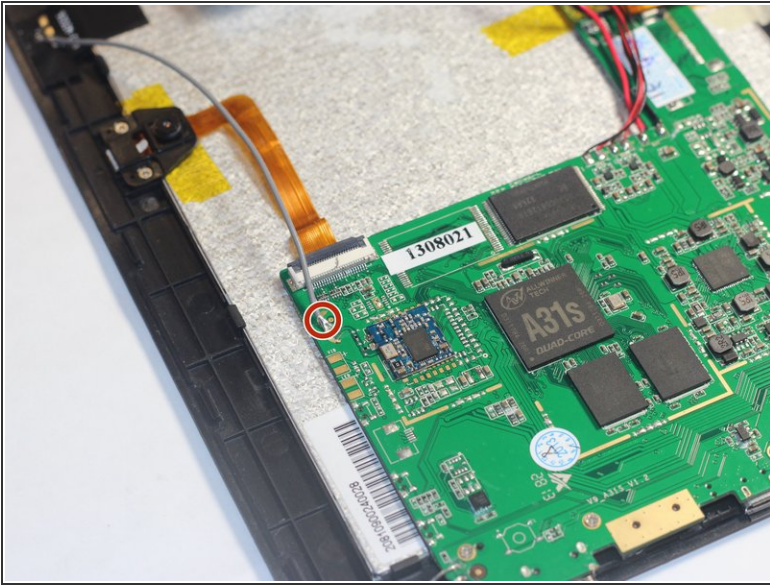


- Use a soldering iron to desolder the region circled in red.

✦ If you're unfamiliar with soldering or desoldering check out [this guide](#).

⚠ Be sure to wear protective eye wear. The soldering iron will become extremely hot and a potential danger, so be aware of your surroundings.

## Step 7



- Desolder the FM antenna from the motherboard.

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