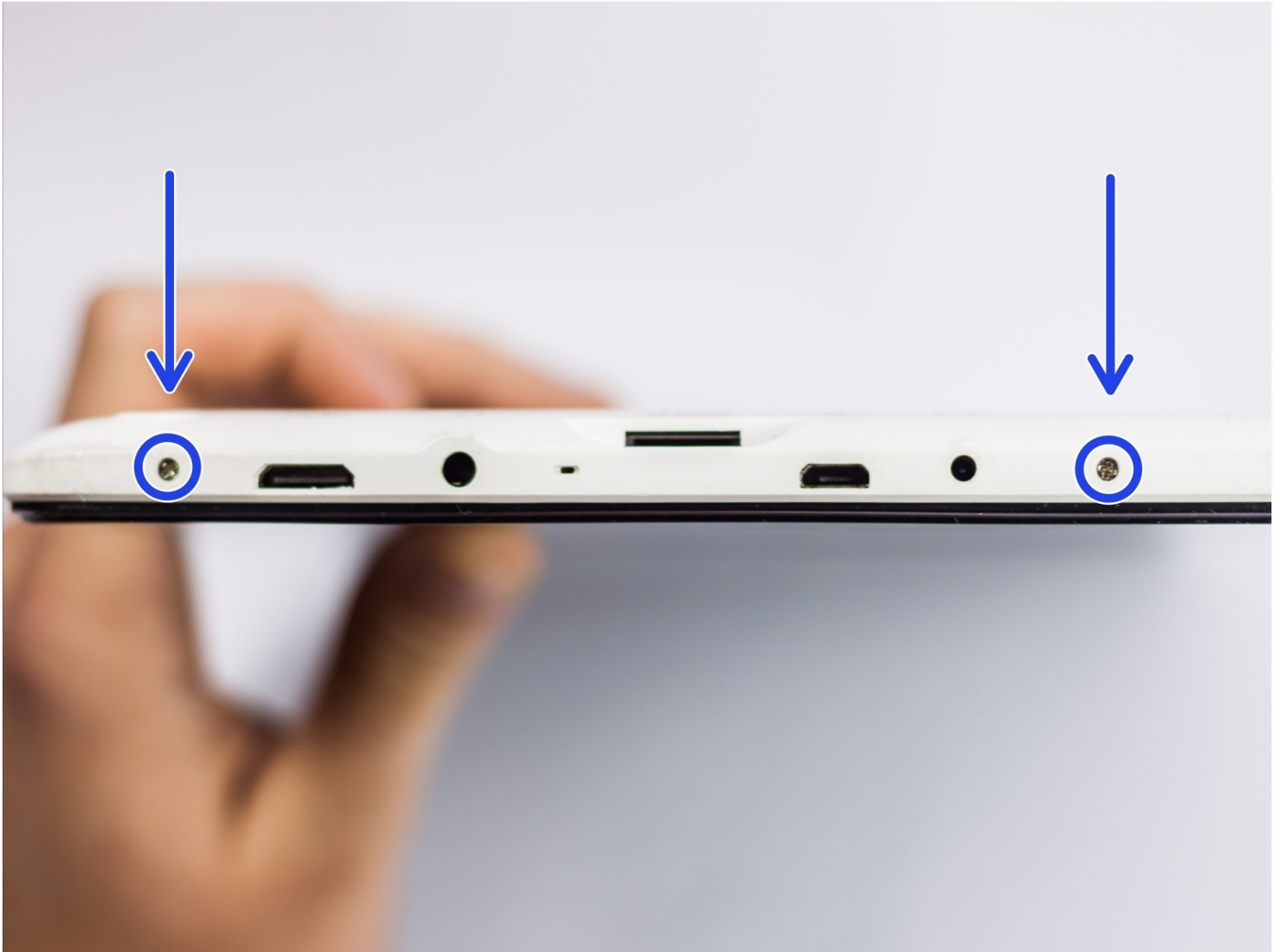




AKASO KingPad A90 WiFi Antenna Replacement

Without proper internet connectivity, the A90...

Written By: Daniel Garcia



INTRODUCTION

Without proper internet connectivity, the A90 cannot perform many of its most important functions, and the antenna unit within these devices is responsible for maintaining this internet connection, and they can be damaged from many different sources. For this reason, in this article, we will be replacing the wifi antenna unit for the **AKASO KingPad A90**.

This repair does require the utilization of a soldering iron which can cause burns, fires, and damage device components if improperly used, so make sure to be careful during this replacement.

[Here](#) is a link to another iFixit guide that can show some tips on how to solder/desolder connections on a device.

TOOLS:

[Tweezers](#) (1)
[iFixit Opening Tool](#) (1)
[Phillips #000 Screwdriver](#) (1)
[Soldering Workstation](#) (1)
[Spudger](#) (1)

PARTS:

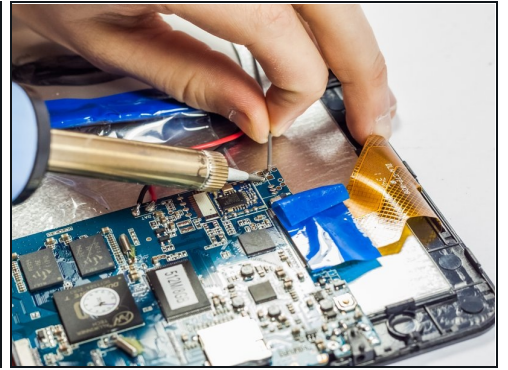
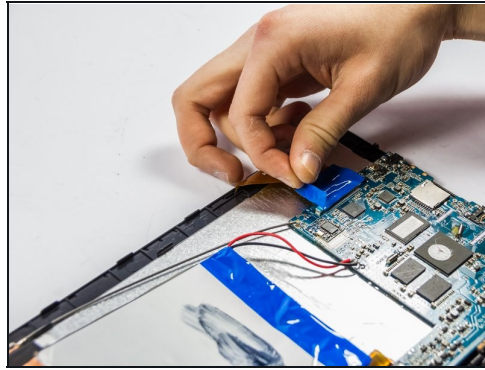
[AKASO KingPad A90 WiFi Antenna](#) (1)

Step 1 — WiFi Antenna



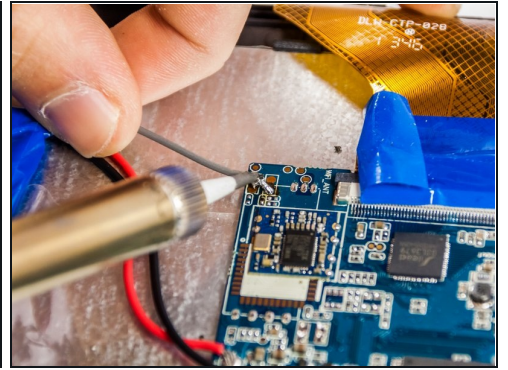
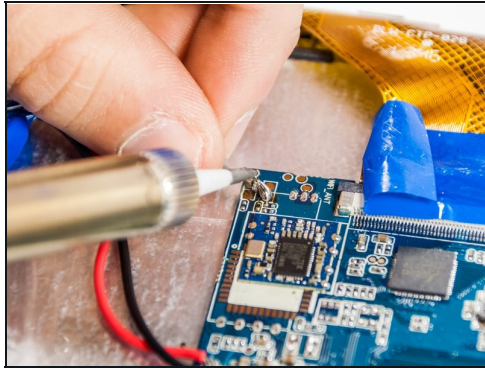
- Remove screws.
- Insert spudger tool on the middle of the left side, between the white and black plastic.
- Slide in a plastic opening tool and use it to further pull the back off.
- Work your way around the edge of the tablet with the plastic opening tool and insert more as needed.
- Pull off the back cover.

Step 2



- Plug in soldering iron and let it warm up for ten minutes.
- Locate the the soldering points of the antenna on the motherboard.
- Peel back the protective tape that covers the display ribbon cable so it isn't too close to the soldering points.
- ① Solder hardens and cools quickly; you don't need to wait to move on to the next step.

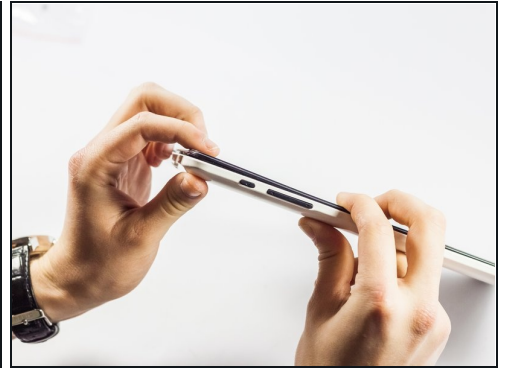
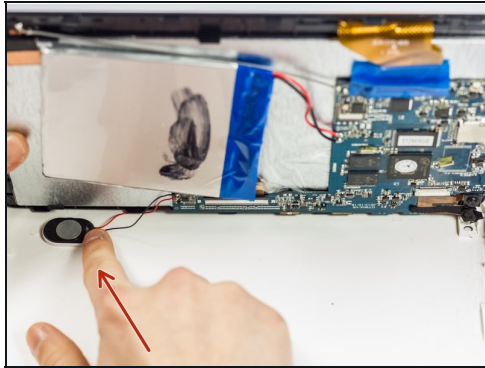
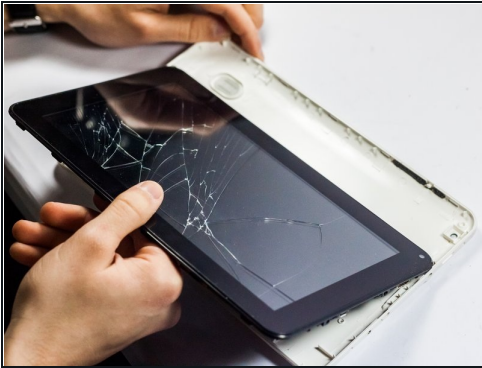
Step 3



⚠ If you do not know how to solder, be careful and follow steps precisely because you could otherwise ruin the device.

- With the new antenna locate the solder points.
- Add solder to the solder points to allow soldering.
- Place the antenna at each point and melt the solder point.
- Place the antenna solder location into the melted solder blob and let it sit for about 2 seconds.
- Repeat this step for each of the solder points.

Step 4



- Replace the back cover with the new part in place.
 - Gently press the speaker into place.
 - ⚠ Don't let the volume rocker unit fall out of place.
 - Replace the screws.
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