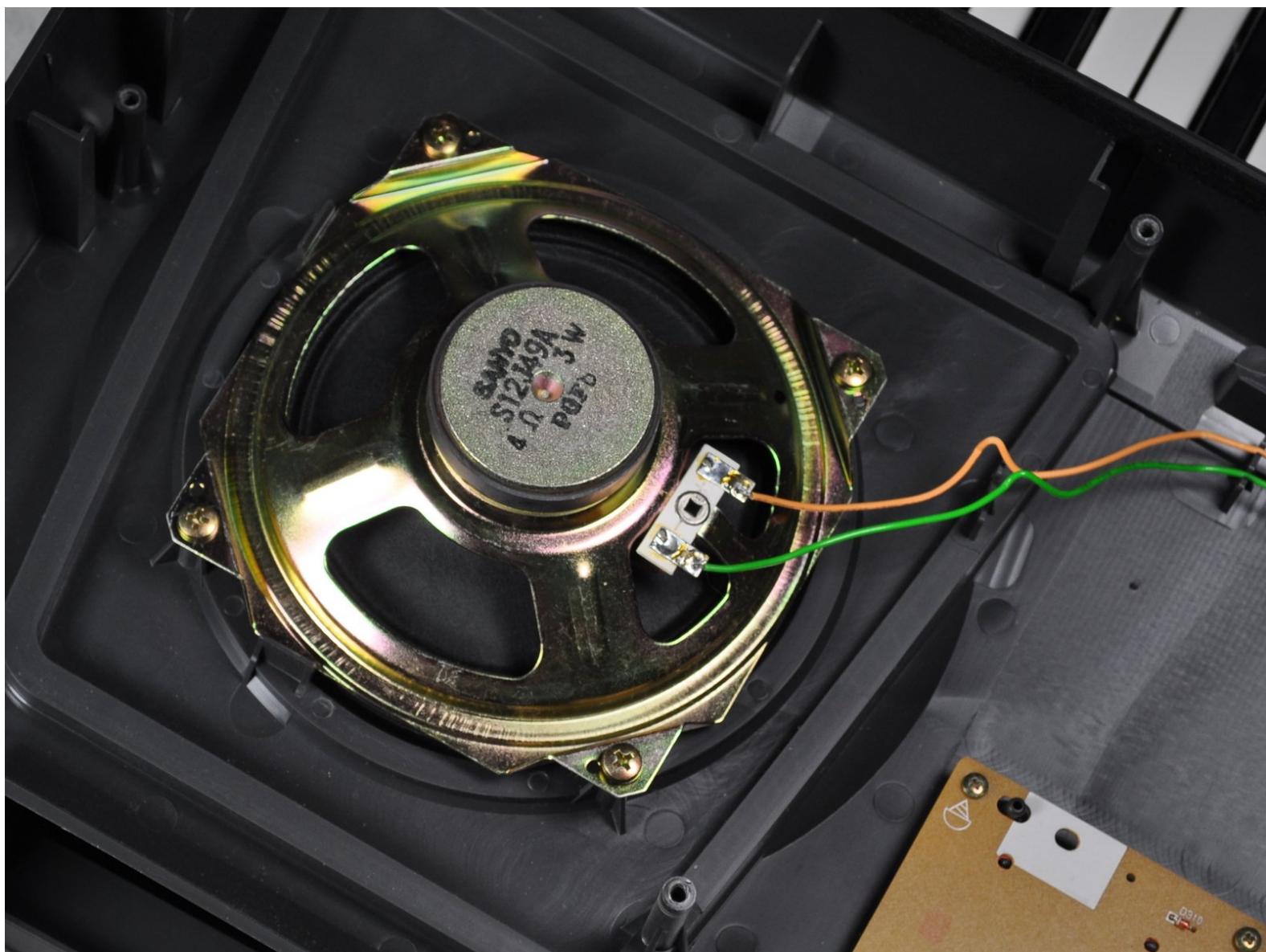




Casio CTK-501 Speaker Replacement

This guide will help you to remove and reinstall a broken or faulty speaker in your Casio CTK-501 keyboard.

Written By: Jimmy Winne



 **TOOLS:**

- Wire Stripper (1)
- Desoldering Braid (1)
- Phillips #2 Screwdriver (1)
- Solder (1)
- Soldering Iron (1)

 **PARTS:**

- Speaker (1)
- Wire (2)

Step 1 — Bottom Panel



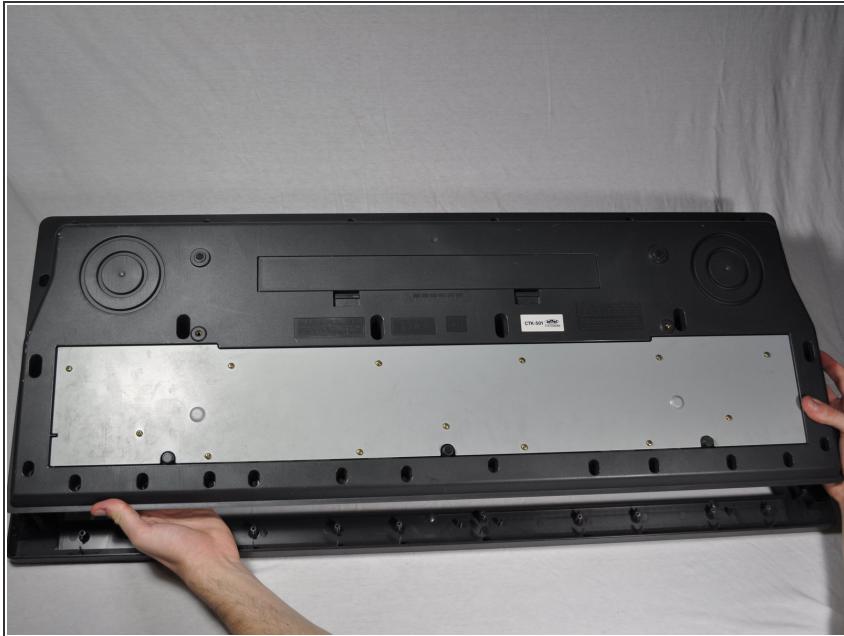
- Flip the keyboard upside down so the bottom is angled towards you.

Step 2



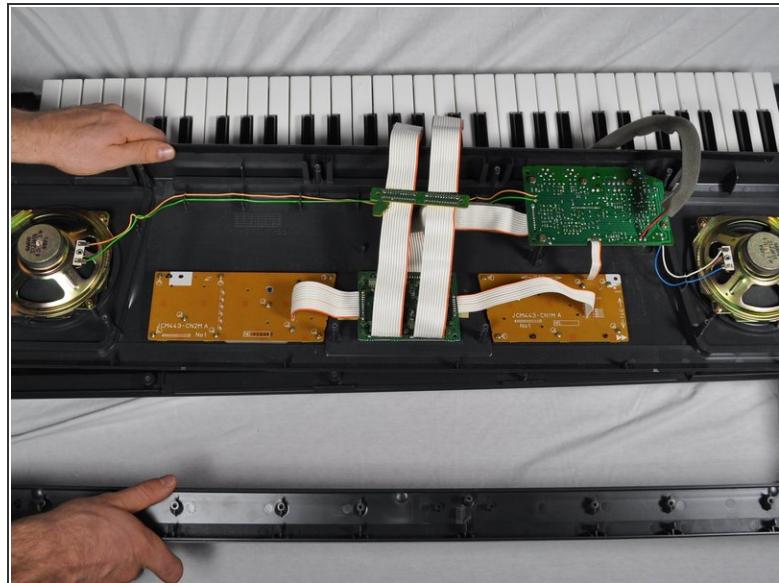
- Use a #2 Phillips screwdriver to remove the twenty-seven 12 mm screws from the dark gray bottom panel.

Step 3



- Remove the bottom panel by lifting the bottom panel up and outward from yourself.

Step 4



! Flip the entire keyboard so the keys face up, and be careful not to let the bottom drop.

- Flip the top half of the keyboard and set onto the bottom half with the internal parts facing up.

Step 5 — Speaker



 Plug in the soldering iron and place somewhere safe to avoid burning yourself or causing a fire.

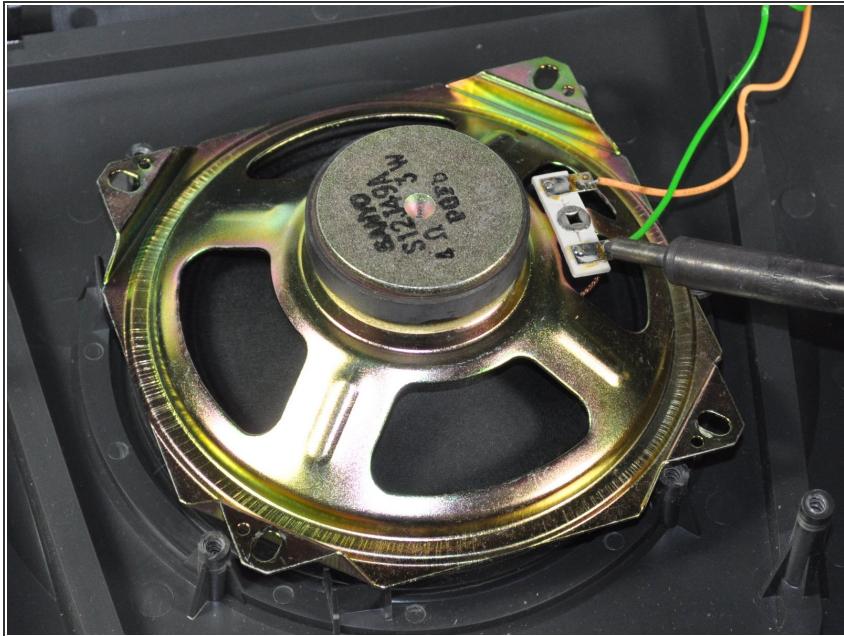
- Completely unscrew and remove all four screws in the corners of the speaker.

Step 6



- Pull the speaker out of the keyboard and set on a flat surface to solder safely.

Step 7



⚠ Be careful when removing the wires and avoid dripping solder on yourself or the keyboard.

- Touch soldering iron to solder over the end of the wires, and when the solder melts, pull the wires away from the speaker.
- Remove the speaker and replace with a new one.

Step 8



ℹ Strip the wires if you need more clean metal to solder to the speaker.

- Use the soldering iron to melt the solder over the wire to connect them to the speaker.

Step 9



- Completely screw in the screws back into the original positions on the corner of the speaker.

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