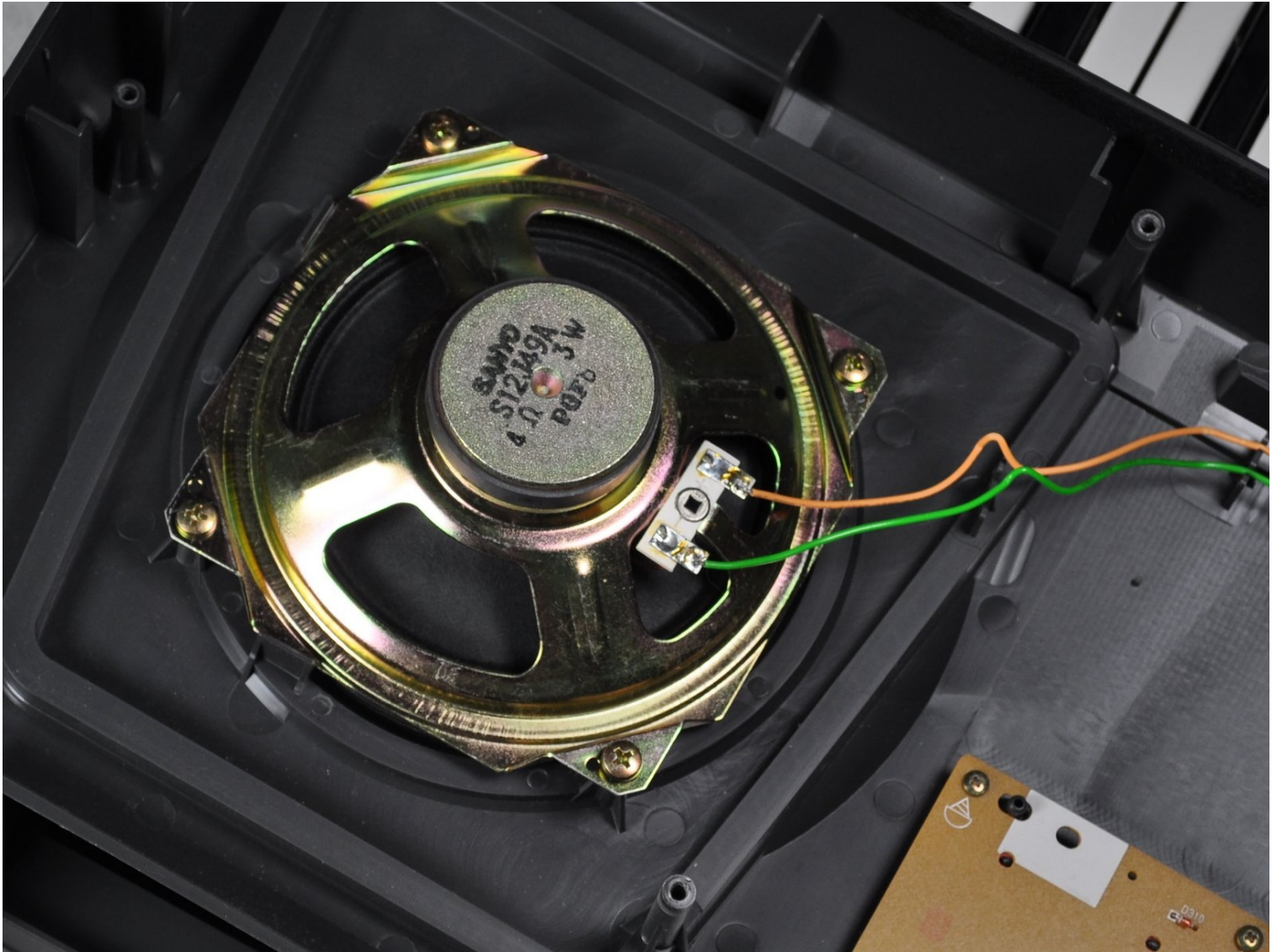




# Casio CTK-501 Speaker Replacement

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## TOOLS:

Wire Stripper (1)  
Desoldering Braid (1)  
Phillips #2 Screwdriver (1)  
Lead-Free Solder (1)  
Soldering Iron 60w Hakko 503F (1)

## PARTS:

Speaker (1)  
Wire (2)

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### Step 1 — Bottom Panel



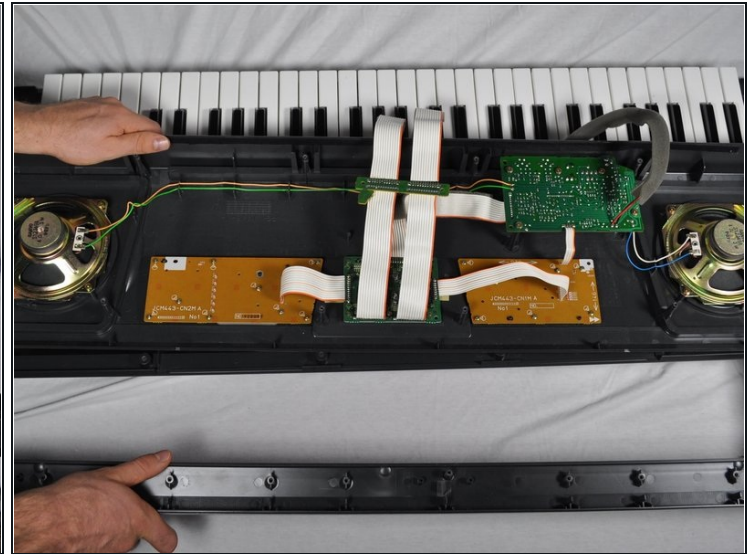
- Flip the keyboard over so that the bottom is facing up.
- Remove the twenty-seven 12 mm screws from the dark-grey panel using a Phillips #2 screwdriver.

## Step 2



- Remove the bottom panel by lifting and pulling it towards yourself.

## Step 3



- Flip open the top half of the keyboard.
- Set the keyboard onto the bottom half with the internal parts facing up.

⚠ Be careful not to let the bottom drop.



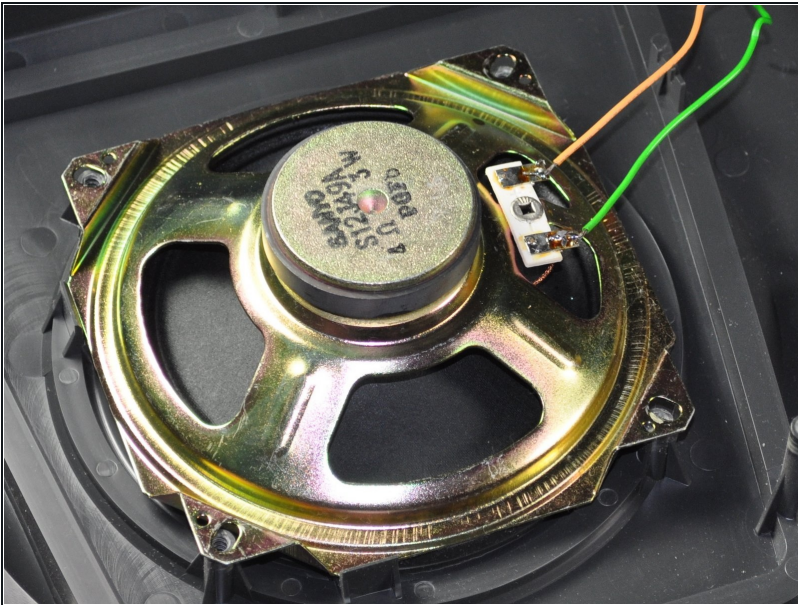
## Step 4 — Speaker



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

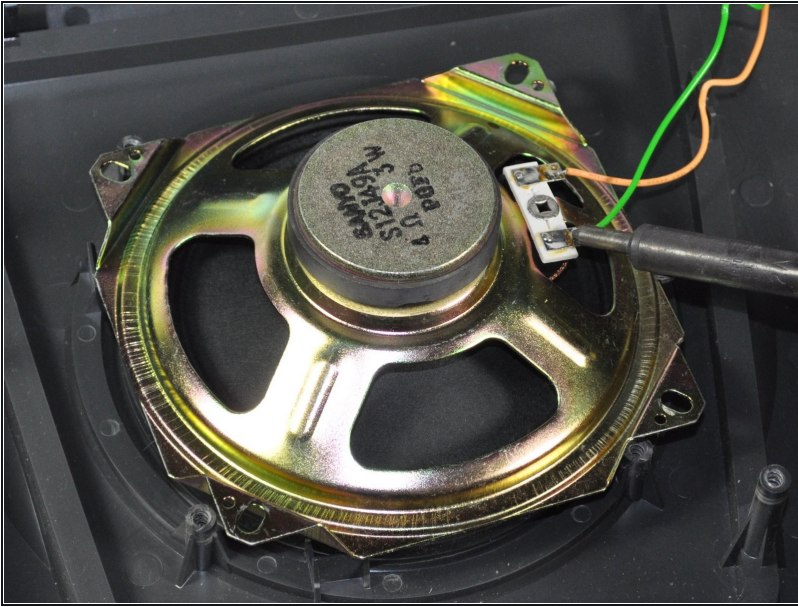
- Completely unscrew and remove all four screws in the corners of the speaker.

## Step 5



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

## Step 6



⚠ 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 7



- ① 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 8



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

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