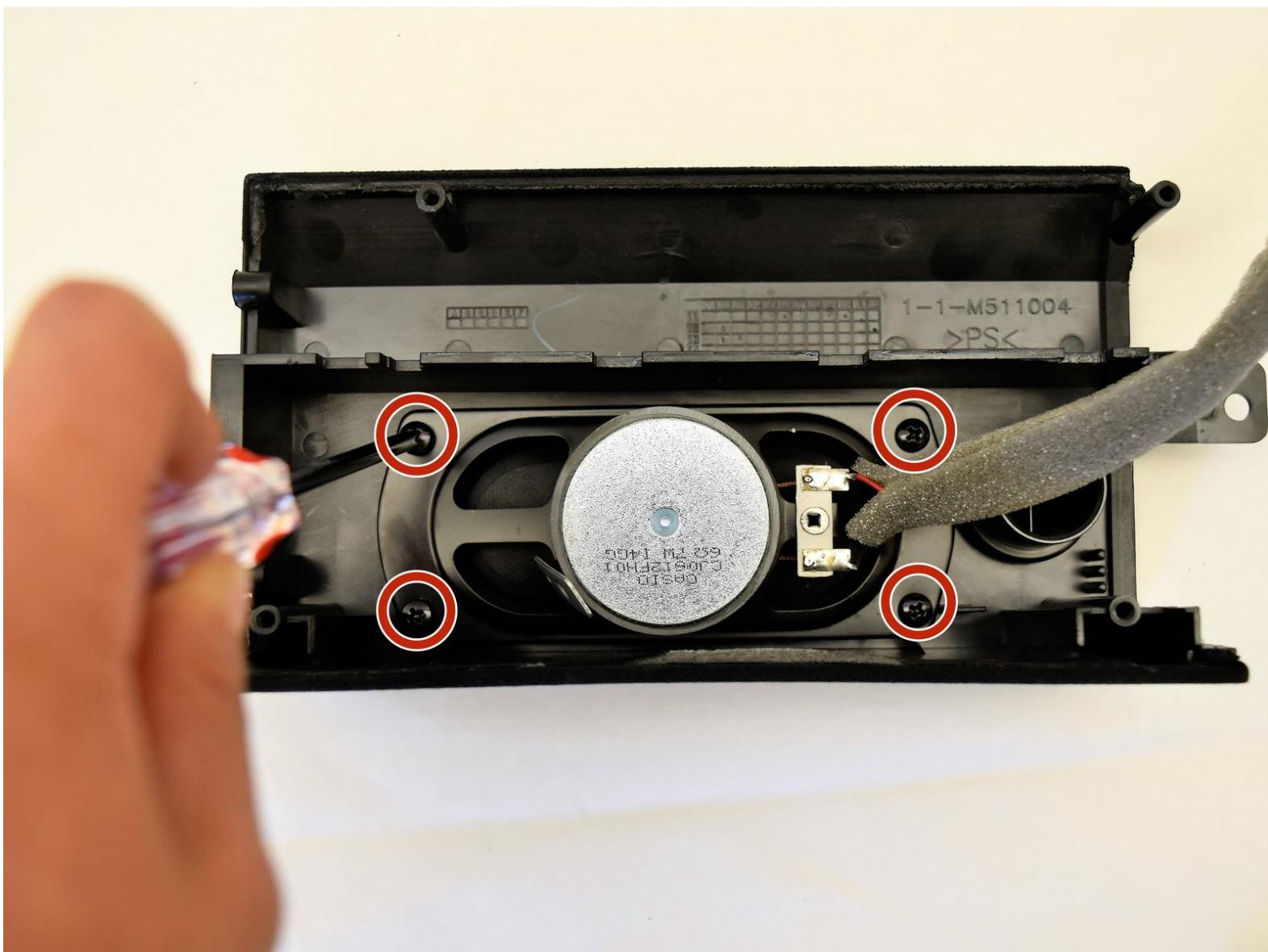




# CASIO CDP-230R Speaker Replacement

How to replace the speakers to your CASIO CDP 230R.

Written By: Irene Luong



## INTRODUCTION

Speakers sometimes stop working or you may want to upgrade them. This guide shows you how to replace the two speakers on the front of the keyboard.

### TOOLS:

- **JIS #1** (1)

## Step 1 — Panels



- Flip the keyboard upside down, with the keys on a flat surface.
- Remove the three black 14mm Japanese Industrial Standard (J) head screws using a J1 screwdriver on the top half of the outermost side panel.

## Step 2

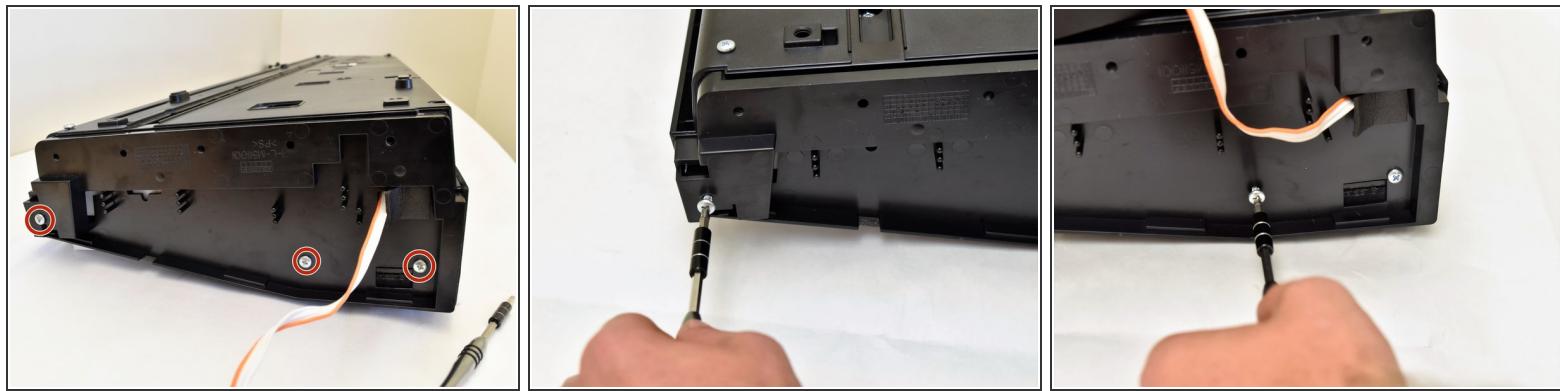


- Use two hands to grab the side panel from both sides.
- Pull the panel apart from the device one side at a time.

*(i)* There will be popping sounds when you remove this panel.

*(i)* One side panel will not have an orange & white cable connected to it.

## Step 3



- Remove the three silver 10mm screws with a J1 screwdriver on the bottom half of the innermost side panel of the device.
- *(i)* One side panel will not have an orange & white cable running through.

## Step 4



- Remove the innermost side panel by pinching the top and bottom of the panel and pulling the panel off with both hands.
- *(i)* There will be popping sounds when you remove this panel.
- *(i)* Repeat steps one through four to remove the other side panel of the keyboard.

## Step 5



- Remove the two black 30 mm J head screws with a J1 screwdriver to remove the long black bar.
- Remove the four silver 8mm x 2mm J head screws with a J1 screwdriver and the two brackets from the back panel.

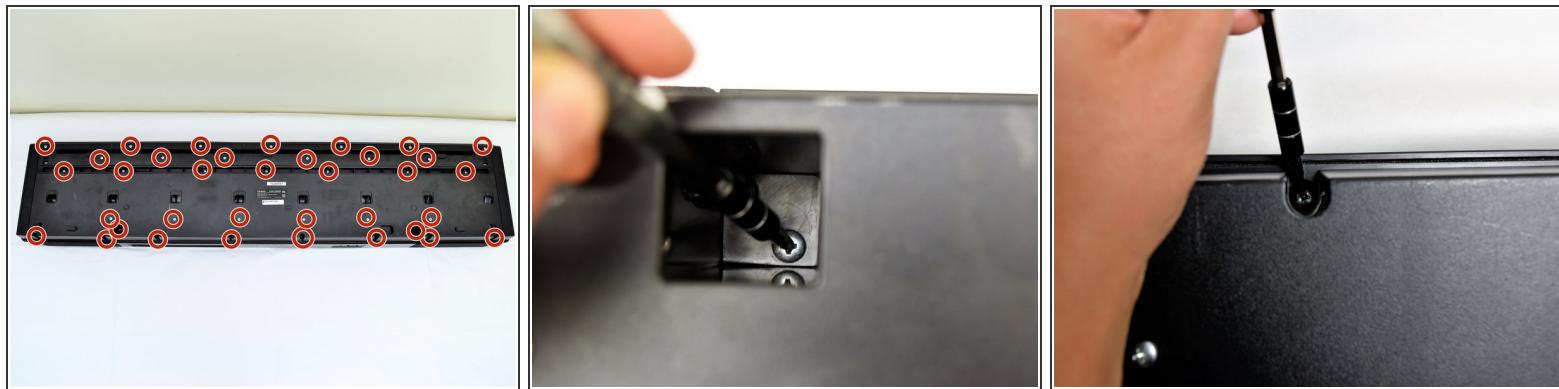
*(i)* There will be two screws per bracket.

## Step 6



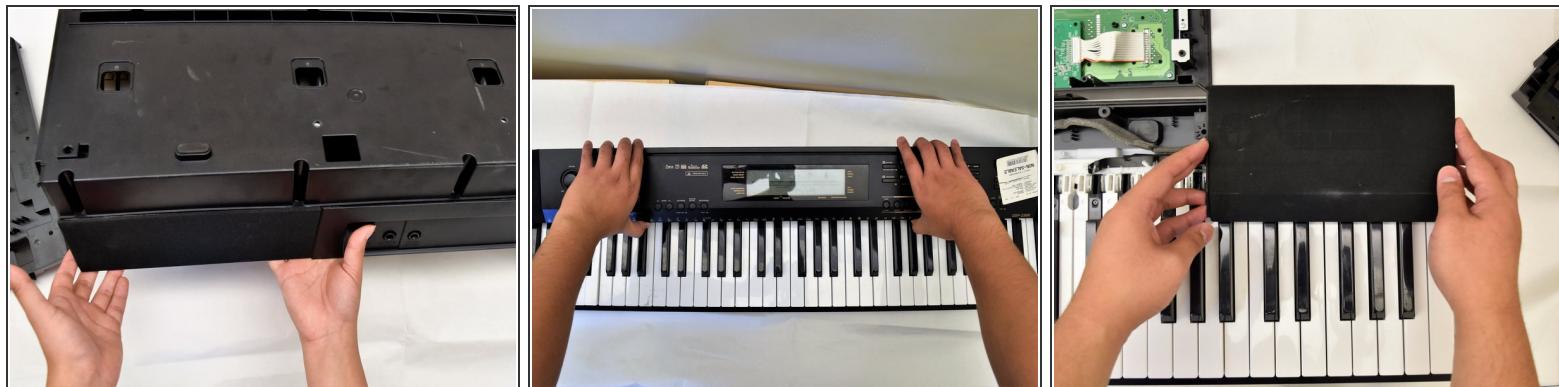
- Remove the eight silver 10mm x 1.5mm J head screws with a J1 screwdriver and the square tabs from the back panel.
- Remove the eight silver 10mm J head screws with a J1 screwdriver underneath the square tabs.

## Step 7



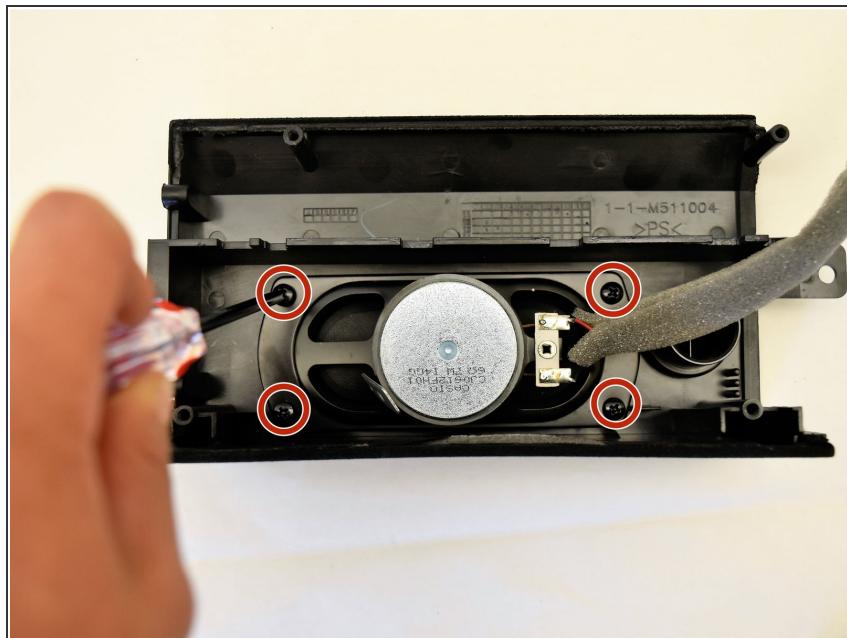
- Remove the 36 silver 10mm J head screws with a J1 screwdriver from the back panel.

## Step 8



- Place a hand on the front panel and speakers and carefully flip the keyboard over with the keys facing up.
- *(i)* Having a extra pair of hands will be useful.
- Grab the center of the front panel with two hands and lift to remove panel.
- Grab the speakers from the sides and lift to remove. Once you have done this for the first speaker, repeat with the second speaker.

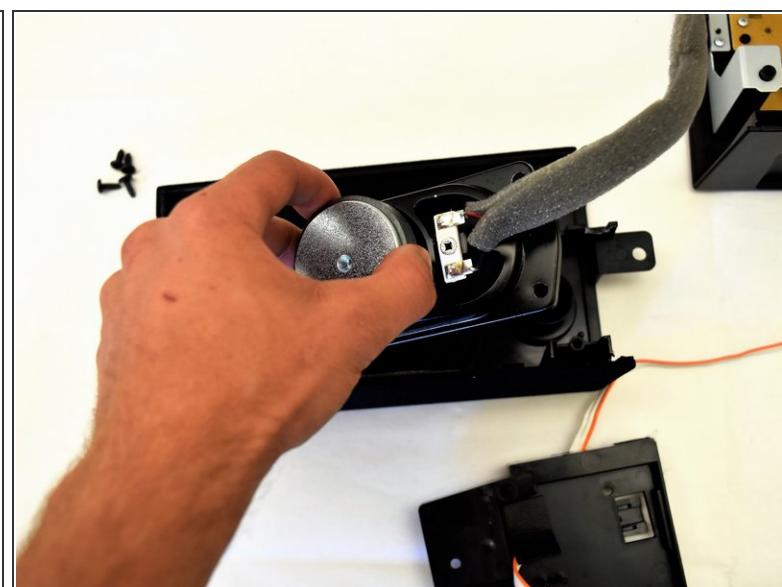
## Step 9 — Speaker



- Lay the speaker flat on the table and remove the four black 10mm J head screws with a J1 screwdriver.

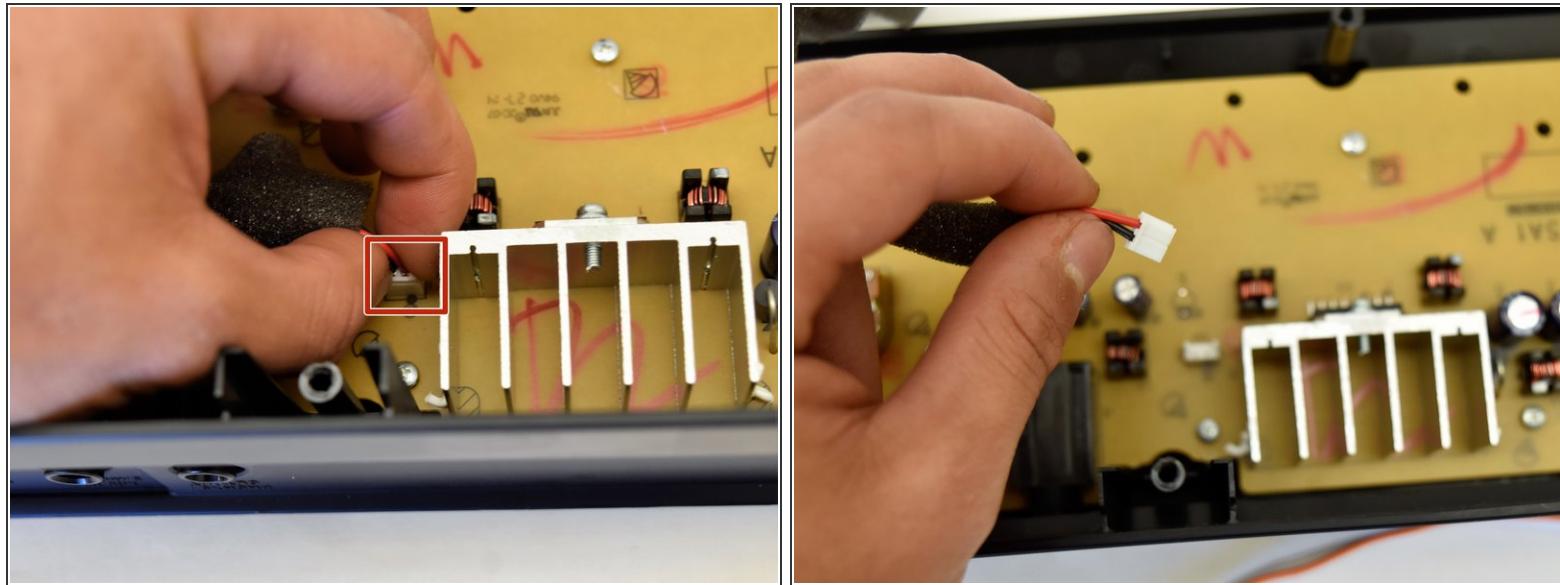
*(i)* You may want to use a screwdriver with a bigger handle for a better grip to remove these screws.

## Step 10



- Grasp the speaker from the center and lift the speaker out of the panel.

## Step 11



- Follow the cable from the speaker to the button panel.
- Pull the speaker cable out of the button panel with a slight wiggle.

*(i)* Repeat steps nine through eleven to remove the other speaker.

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