



# CASIO CDP-230R Key Replacement

In this guide we will teach you how to remove individual keys on your CASIO CDP-230R.

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## INTRODUCTION

This guide will show you how to replace your CASIO CDP-230R keys, move them to remove anything jamming your keys, or to move them to clean them.

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### TOOLS:

- [JIS #1](#) (1)
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## 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.

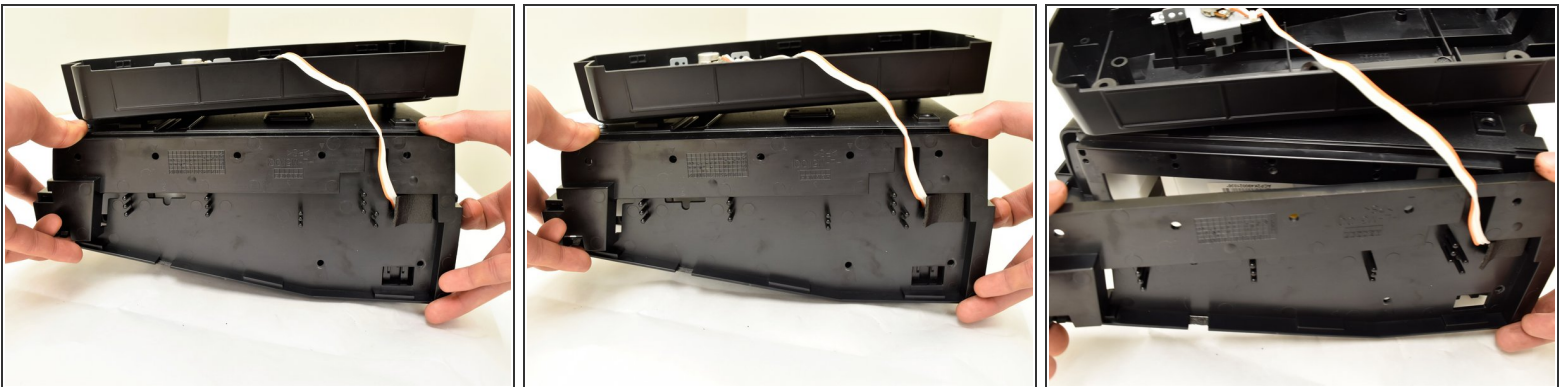
### Step 3



- 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



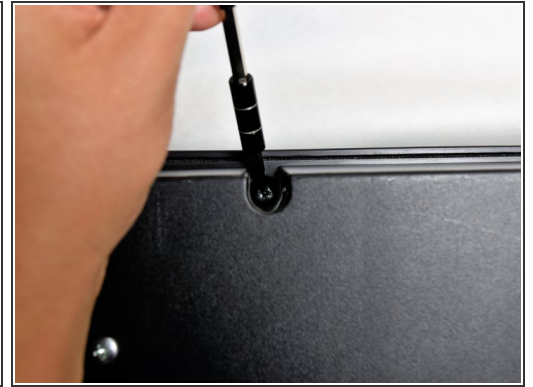
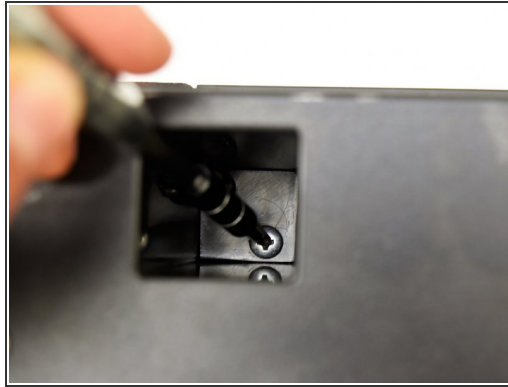
- Remove the two black 30 mm J head screws with a J1 screwdriver to remove the long black bar.
  - Remove the four silver 8mm x 2mm J head screws with a J1 screwdriver and the two brackets from the back panel.
- i* There will be two screws per bracket.

## 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



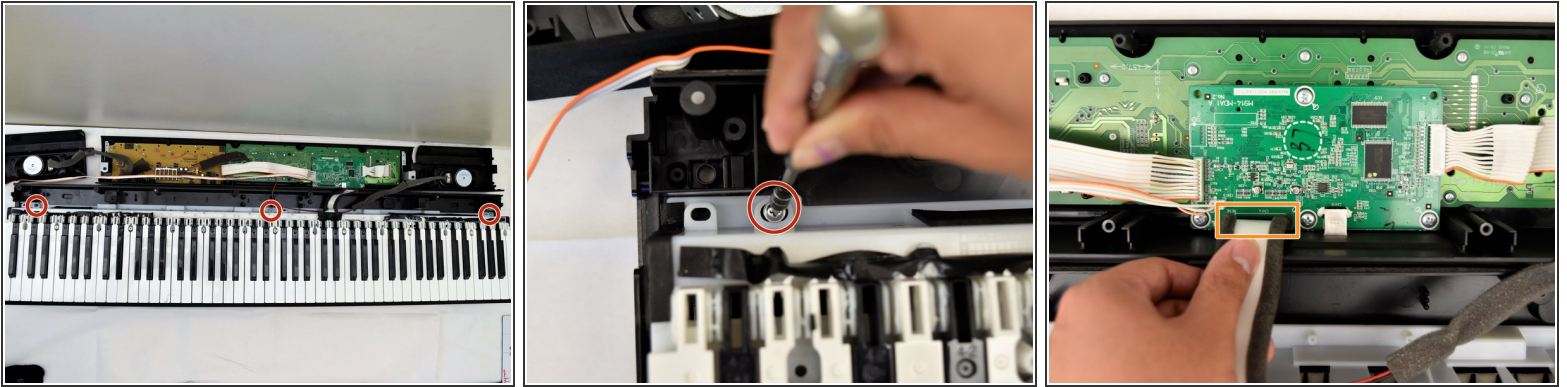
- Remove the 36 silver 10mm J head screws with a J1 screwdriver from the back panel.

## Step 8



- Place a hand on the front panel and speakers and carefully flip the keyboard over with the keys facing up.
- ⓘ 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 — Key



- Locate the three screws behind the keys (left, center, and right).
- Remove these 10mm J screws using a J1 screwdriver.
- Grasp the white ribbon lined with foam and pull up to remove from the main circuit board.

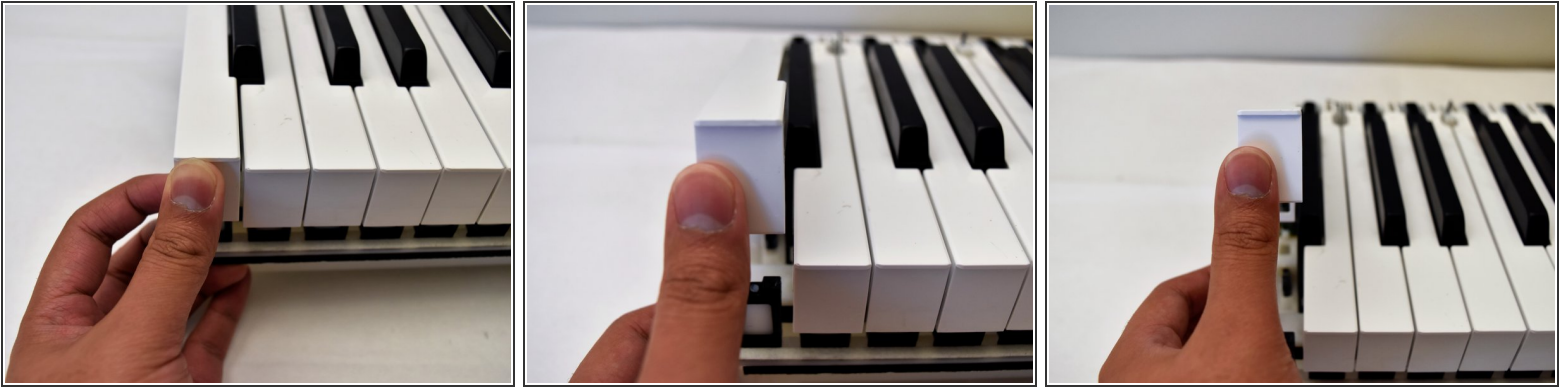
## Step 10



- Place one hand on the side with fingers underneath the keys and one hand on the upper edge and lift off of the back panel.
- i** Having an extra pair of hands will be useful.



## Step 11



- Pull up on the white key from the side nearest to you until the key lifts up.
- ⓘ Pull up on the two surrounding white keys before pulling up on the black key.

## Step 12



- Wiggle the white key from side to side and pull up to detach it from the rest of the board.



## Step 13



✦ To reattach the white key, snap the key back in place.

- Flip the keyboard so the keys are laying on a flat surface.
- Pull up on the black and white felt to dislodge the black shank.
- Push up on the white key while pulling the felt up to reposition the black shank underneath the felt.

To reassemble your device, follow step 13 and then the rest of the instructions in reverse order.