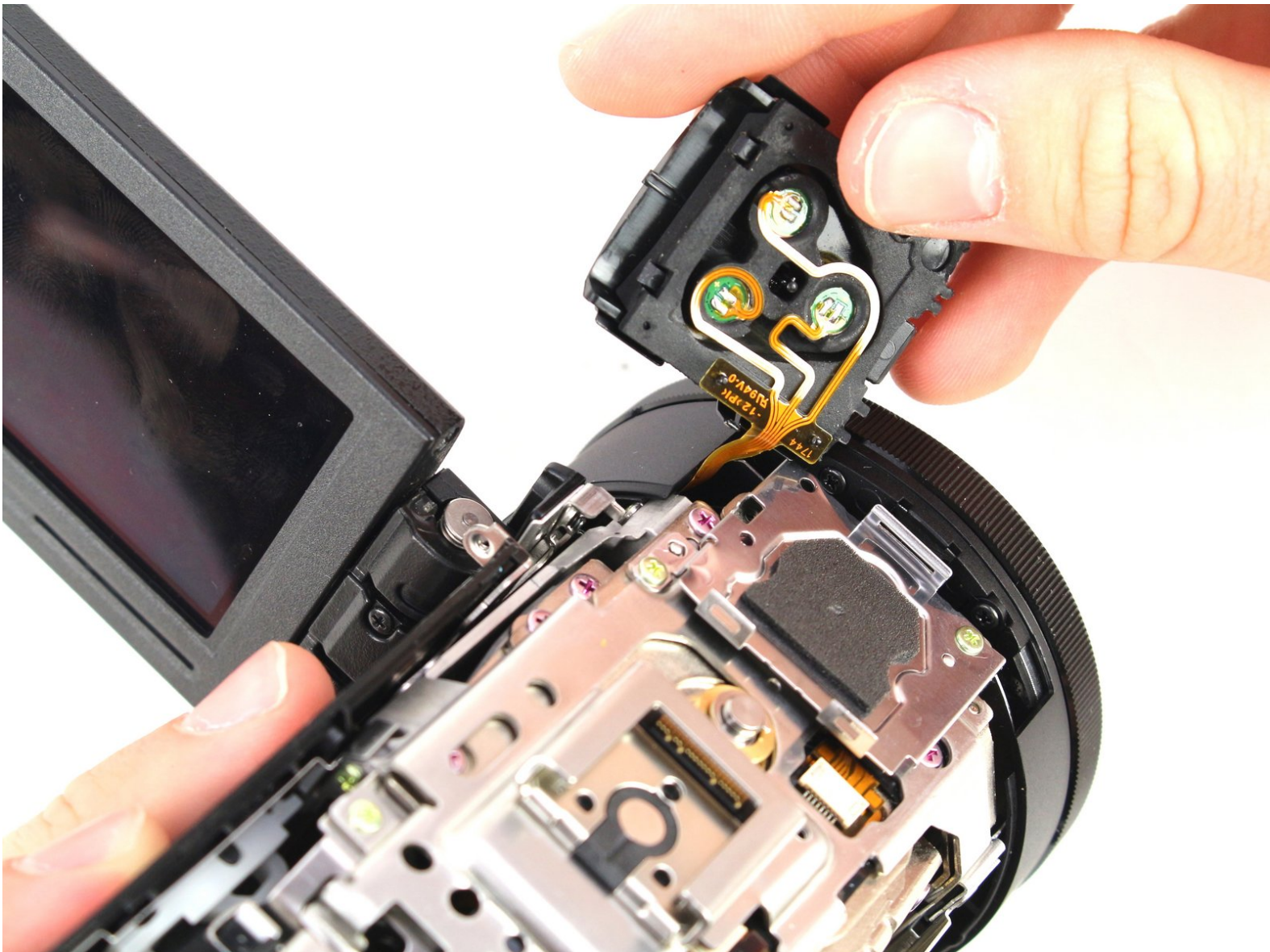




# Sony Handycam FDR-AX33 Microphone Replacement

Use this guide to replace the Sony Handycam FDR-AX33 camcorder microphone.

Written By: Cameron Casey



## INTRODUCTION

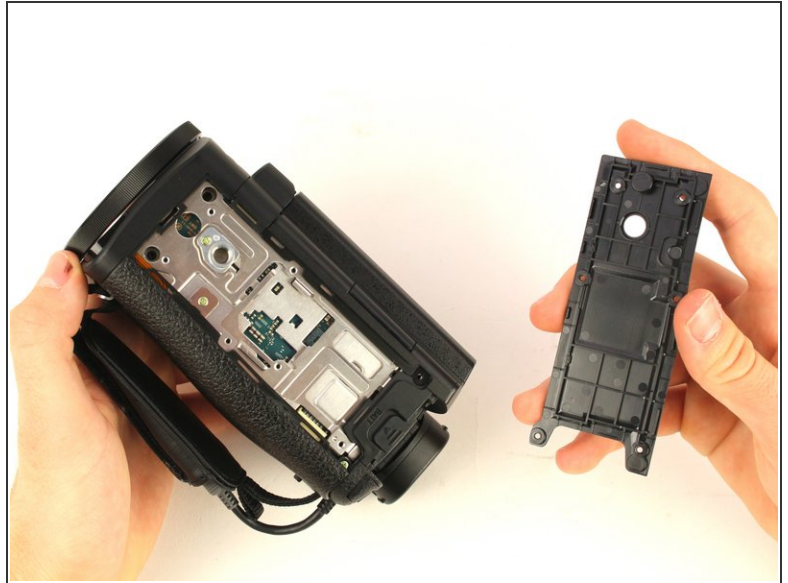
If your microphone is not functioning correctly, use this guide to remove and replace it. This guide requires [soldering](#).



### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [Tweezers](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Soldering Iron](#) (1)
-

## Step 1 — Panel



- ⓘ Remove the battery by pushing the latch towards the body of the camera. Push the battery down and pull it out.
- Remove the six black 4 mm Phillips #00 screws from the bottom panel of the camera.
- Pull off the bottom panel. It may be difficult, but tugging on it shouldn't cause harm to yourself or the device.
- ⓘ Be sure to un-velcro the handle strap.

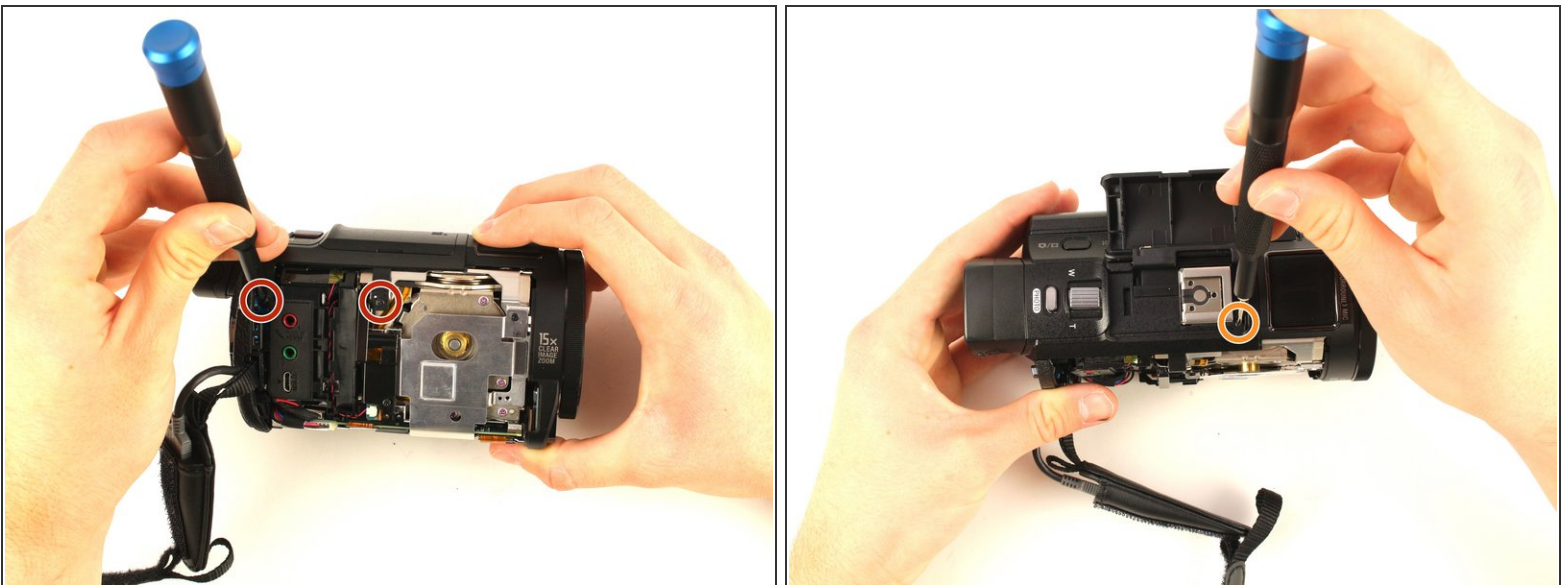


## Step 2



- Remove the 3 mm Phillips #00 screw from the bottom of the camera.
  - Remove the 4 mm Phillips #00 screw from the right panel.
  - Pull the right panel off. Again, it might be difficult, but pulling hard shouldn't harm you or the camera.
- i** You may have to use the opening tool to remove this panel.

## Step 3



- Remove the two 4 mm Phillips #00 screws from the top right corner of the camera.
- Remove the 4 mm Phillips #00 screw from in front of the flash mount.

## Step 4



- Remove the 3 mm Phillips #00 screw from below the right side of the battery slot.
- Remove the black 5 mm Phillips #00 screw from the top of the battery slot.

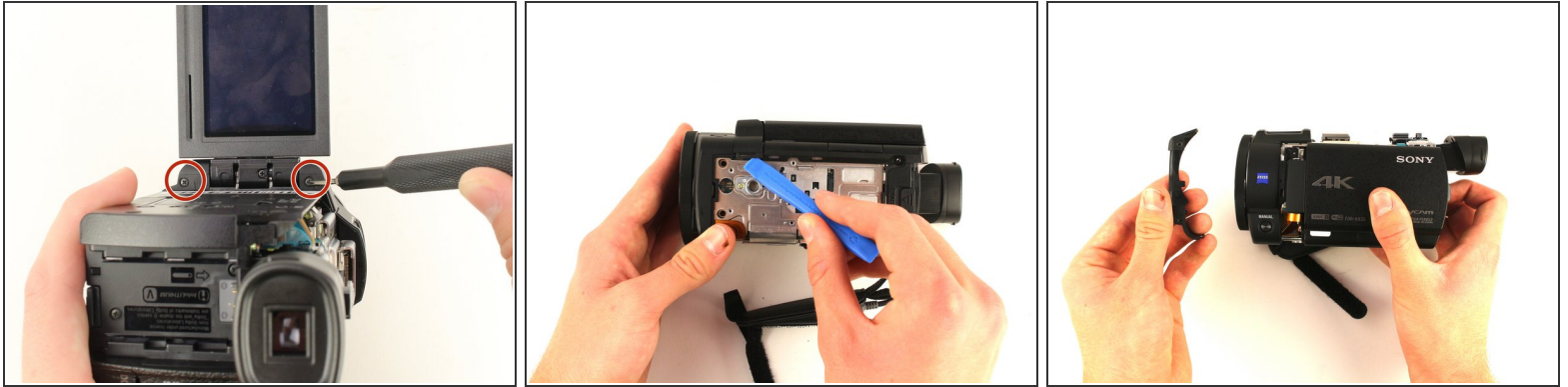
## Step 5



- Remove the three 4 mm Phillips #00 screws from the left panel underneath the display screen.
- ⓘ You'll need to extend the eyepiece by pulling it out from the body of the camera.
- Pull the top panel off of the device with the iFixit opening tool.



## Step 6



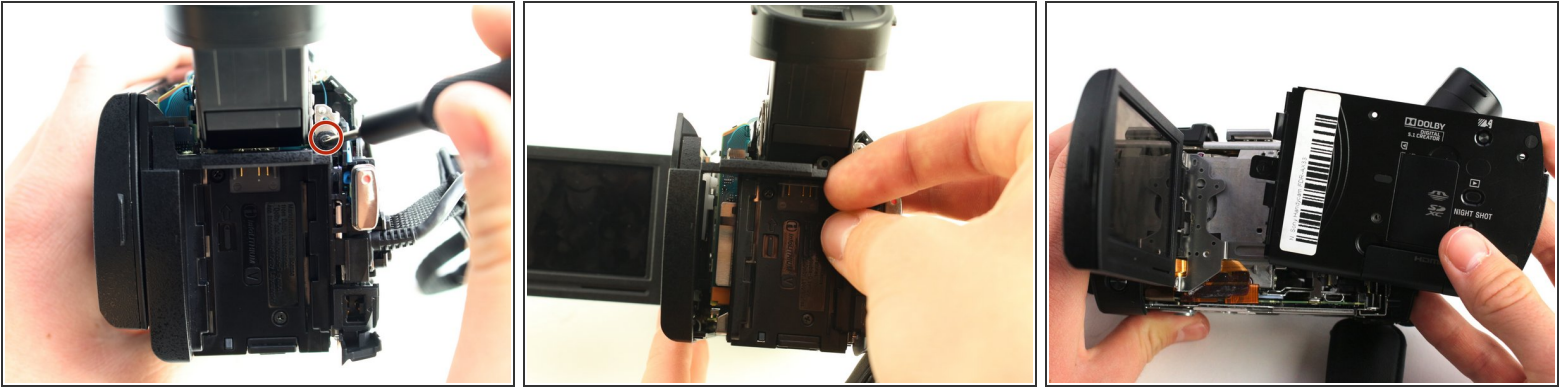
- Remove the top and bottom 4 mm Phillips #00 screws from the display screen hinge.
- Use the iFixit opening tool to remove the screen hinge.

## Step 7



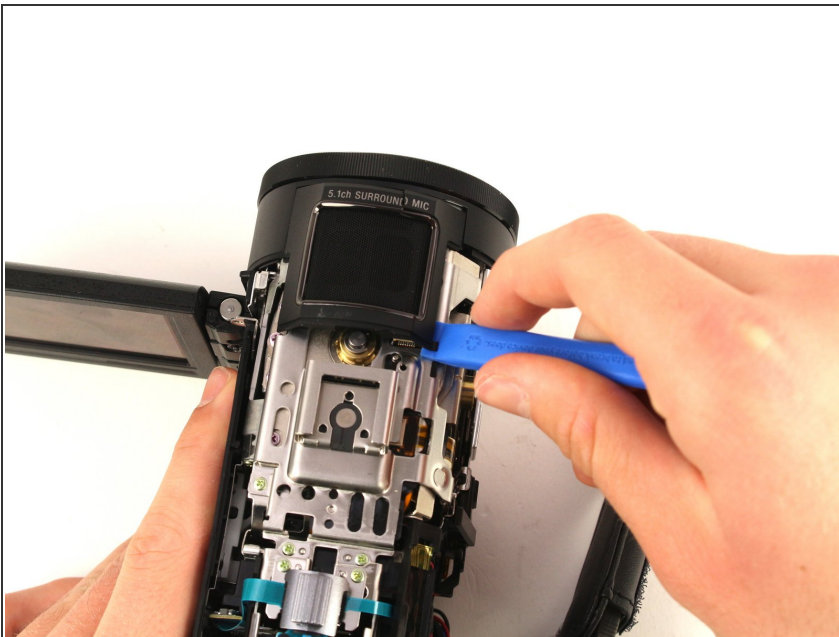
- Remove the 3 mm Phillips #00 screw from between the eyepiece and the panel directly to the right of the battery slot.
- ⓘ Angle the eyepiece up to reach the screw with the screwdriver.
- Take the panel directly to the right of the battery slot off of the camera.

## Step 8



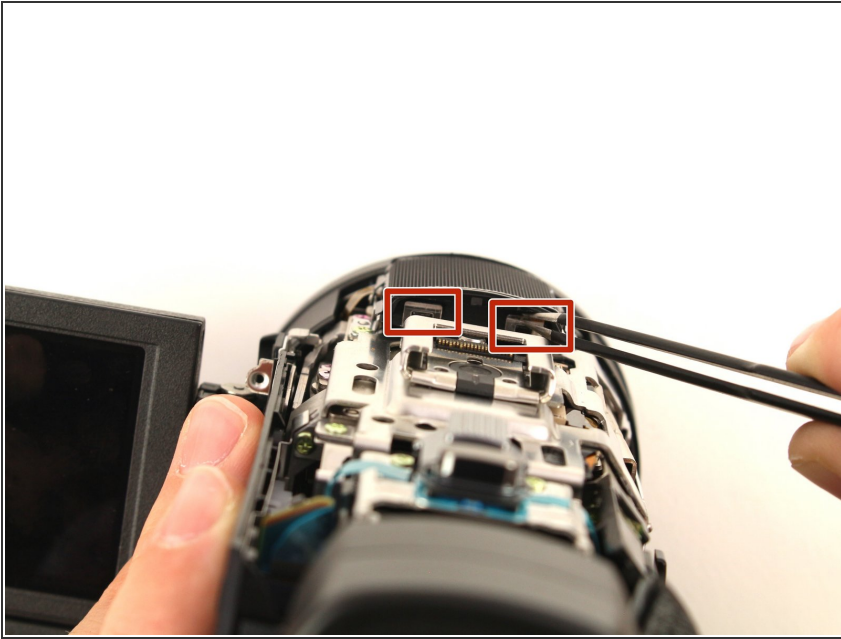
- Remove the 4 mm Phillips #00 screw above and to the right of the battery slot.
  - Pry the left panel out at an angle by pushing the plastic slat between the battery slot and the eyepiece.
  - Wiggle the left panel and pull it out gently.
- i** The left panel can be hard to remove so make sure to apply a good amount of force, but be cautious to not harm yourself or the device.

## Step 9 — Microphone



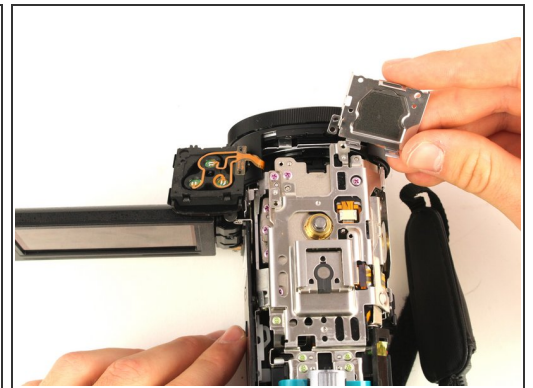
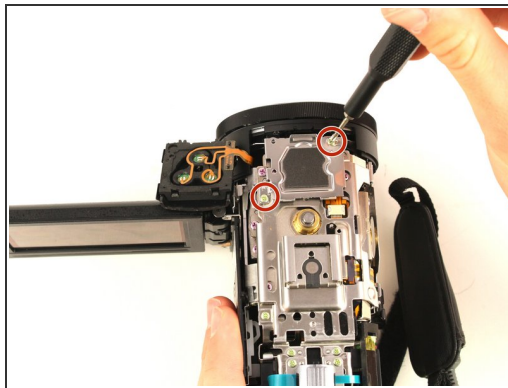
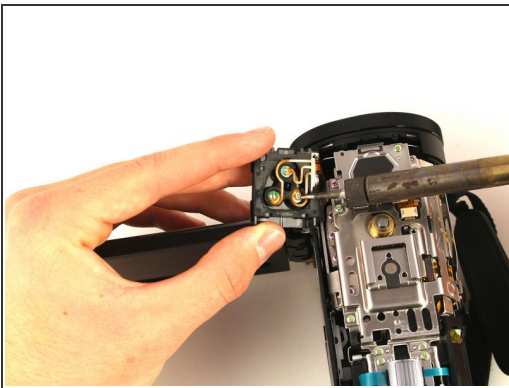
- Pry up the plastic frame around the camera's microphone.
- !** Be careful with the thin plastic frame as it might break. If it does break, it shouldn't affect the camera's performance.

## Step 10



- Pull back clips to release microphone.

## Step 11



- Desolder the three connections on the bottom of the microphone. Refer to the soldering guide linked [here](#).
- Remove the two 3 mm Phillips #00 screws to release the microphone mount.
- ⓘ Removing the microphone mount is not required to replace the microphone.

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