



Sony H.ear On 2 Microphone Replacement

This guide will help you replace the microphones on your Sony WH-H900N H.ear On 2 Wireless Noise-Canceling Headphones.

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INTRODUCTION

Learn how to replace the microphones inside your Sony H.ear On 2!

Replacing noise canceling microphones requires minimal disassembly but will require you to solder 2 connections.

Note: Headphone symmetry allows for identical replacement procedure for microphone on left and right side.

TOOLS:

- [Soldering Iron \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [J00 JIS Screwdriver \(1\)](#)

Step 1 — Ear Cup



- Start by inserting the iFixit plastic opening tool in the crease between the hard plastic and the ear cup, and then gently apply pressure until it separates. You may need to repeat the process on back until it is completely separate.
- *(i)* This may take a considerable amount of pressure, but do not force it.

Step 2



- Use the JIS #00 Screwdriver to remove the five 6.4 mm screws holding the back plastic cover in place.
- Then, turn the ear cup over and carefully lift the plastic cap off to reveal the internal components of the left ear cup.

(i) This same process can be repeated on the right ear cup as well. Be aware the right cup is connected to the rest of the headphones via ribbon cable.

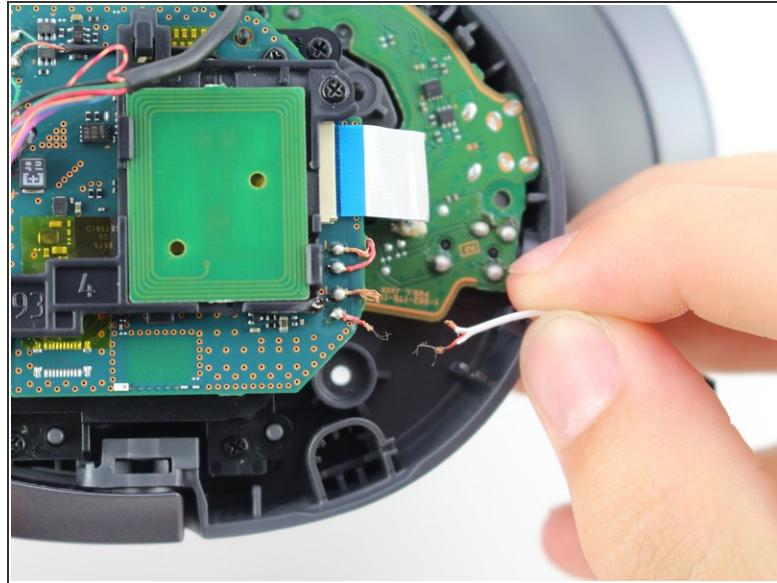
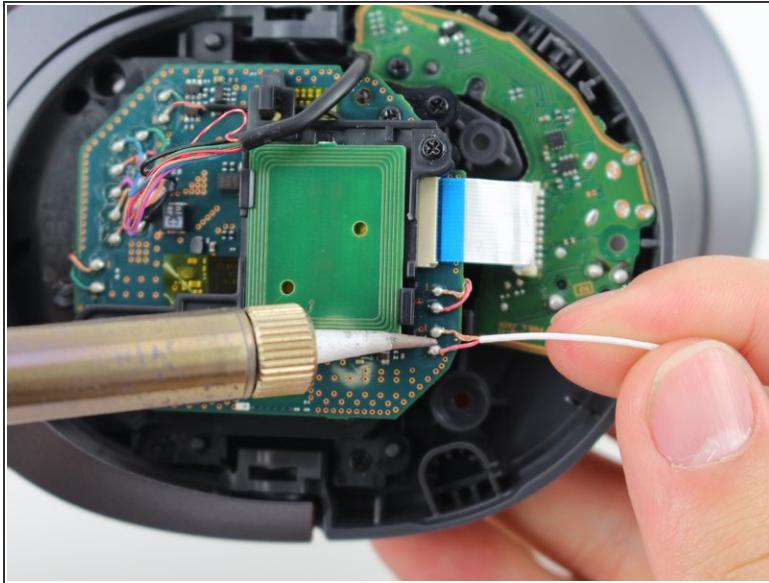
Step 3 — Noise Cancelling Microphone



- Use the iFixit plastic opening tool to lift the microphone out of its housing

(i) Use gentle pressure to prevent damaging small wire connections

Step 4



- Use soldering iron to desolder microphone wires from motherboard

(i) Please see [How to Solder and Desolder Connections](#) before you attempt to use the soldering iron.

(i) Note: Do not overheat joints while de-soldering to prevent board damage

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