



Sony H.ear On 2 Motherboard Replacement

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

Written By: Michael Long



INTRODUCTION

Learn how to replace the motherboard on your Sony H.ear On 2 headphones!

This guide focuses on replacing the motherboard component located in the left ear cup. This guide will require soldering and desoldering. Please see [How To Solder and Desolder Connections](#) before you attempt to desolder and resolder necessary on the components. Although optional, it is recommended you remove the battery before operating on the device for safety reasons.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [JIS #00 Screwdriver](#) (1)
-

Step 1 — Motherboard



- Start on the left side by using the plastic opening tool in the crease between the ear cup and plastic. Gently apply pressure until it separates.

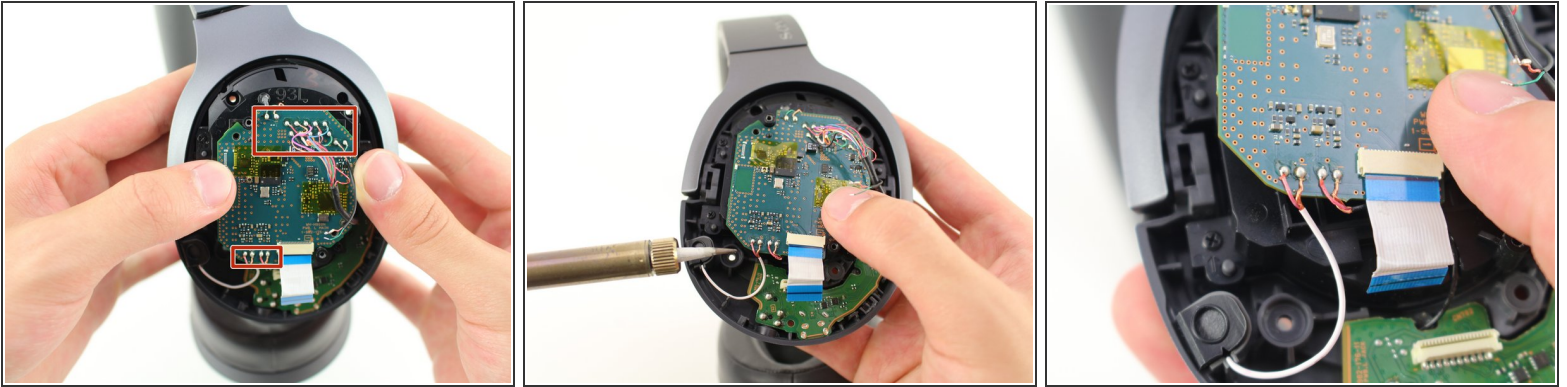
⚠ Do not force any parts off as the plastic holders may snap off if too much pressure is applied.

Step 2



- Use the JIS #00 Screwdriver to remove the 2 6.4mm screws holding in the motherboard.

Step 3



- De-solder all 18 wire-connections on the motherboard.
- ☑ Record wire positions on board for proper connections when re-soldering the replacement board.
- ⚠ Do not overheat joints while de-soldering to prevent board damage.
- ℹ Please see [How To Solder and Desolder Connections](#) for help on soldering and desoldering connections.

Step 4



- Disconnect the white ribbon cable by gently tugging on the white connector while holding the motherboard carefully in place.

Step 5



- Gently remove the old motherboard from the bracket assembly and replace and resolder motherboard.

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