



Zoom H6 Handy Recorder Motherboard Replacement

This guide will enable the user to access the internal components for repair or replacement.

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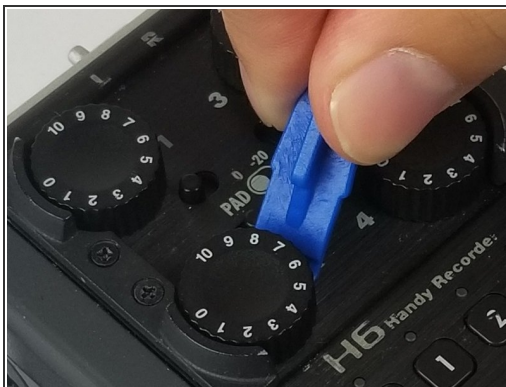
INTRODUCTION

The requirements for this guide are the right tools and the device itself. The motherboard should be removed when trying to access the internal components of the recorder.

TOOLS:

- [iFixit Opening Tool](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Case



- Place device face up and pry off the four knobs using the flat end of the plastic opening tool.
- i* You may need to stabilize the device with the other hand.

Step 2



- With device facedown, lift the four rubber feet from the device using tweezers or fingernails.

Step 3



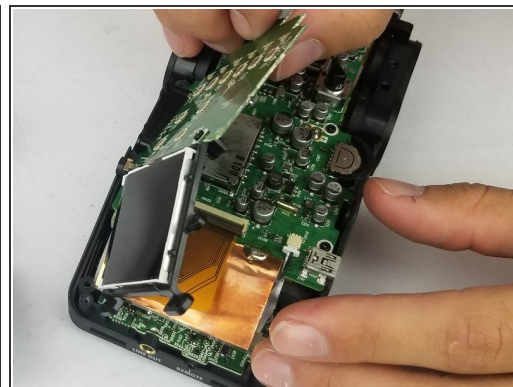
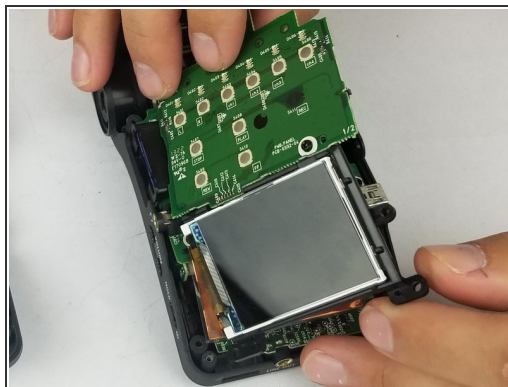
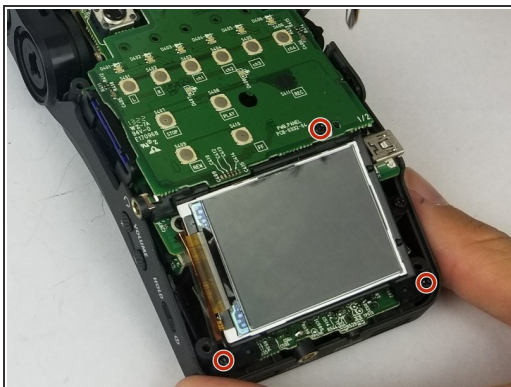
- With device still facedown, unscrew six (PH #1), 9mm screws; two located in center of back side of device right above the battery cover, and four under the rubber feet.
- ⓘ An electronics screwdriver small enough to fit in hole (4mm diameter), but long enough to reach the screws (at least 2cm) will be required to unscrew the screws.

Step 4



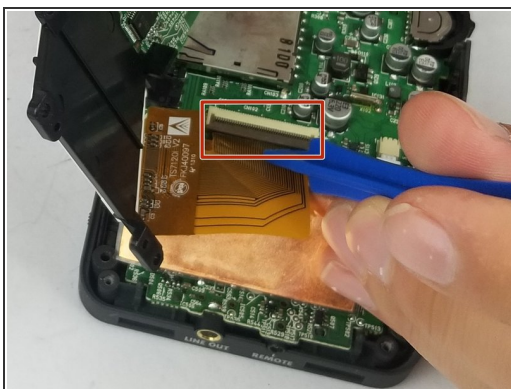
- With the bottom of the device on a table, lift the top of the device and gently place it aside.

Step 5 — Motherboard



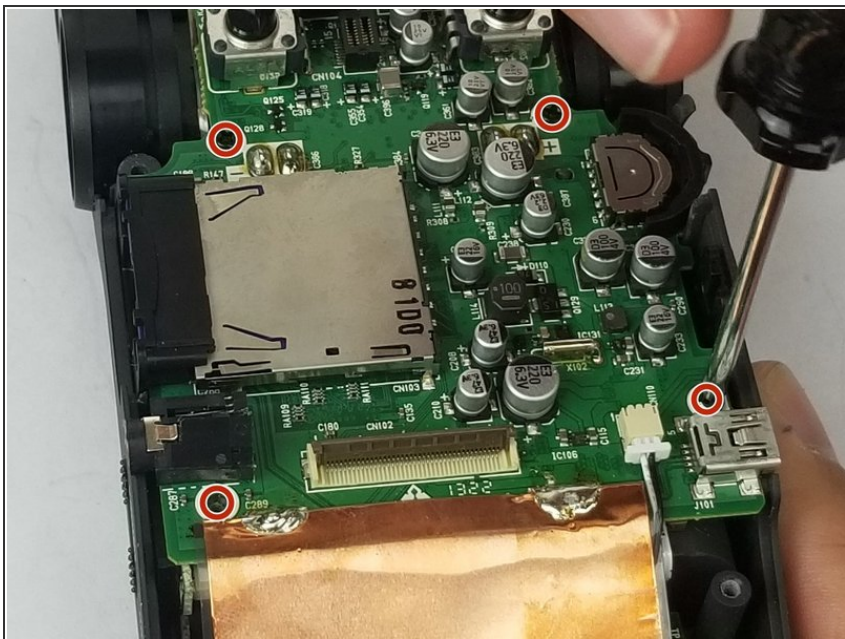
- Unscrew three (PH #1), 7mm screws from the display backing and gently flip over.

Step 6



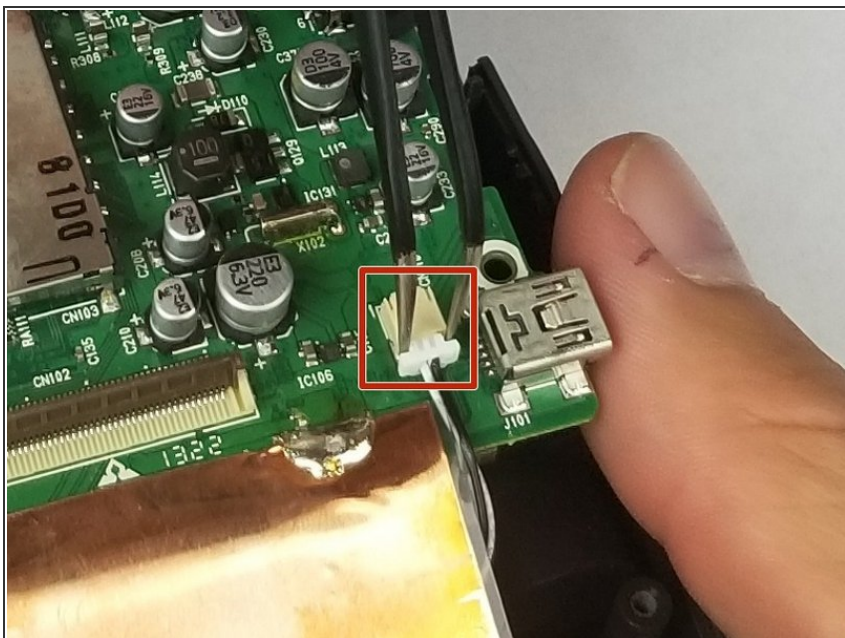
- Using a plastic opening tool, unlatch the clip and carefully unplug the ribbon connector from the device.
- Set the button board aside.

Step 7



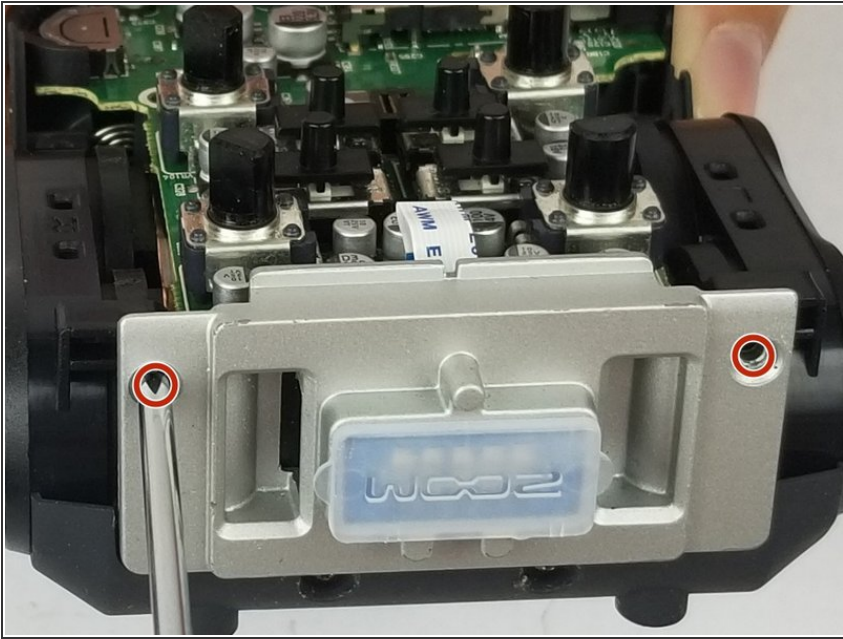
- Unscrew four (PH #1), 8mm screws from the motherboard.

Step 8



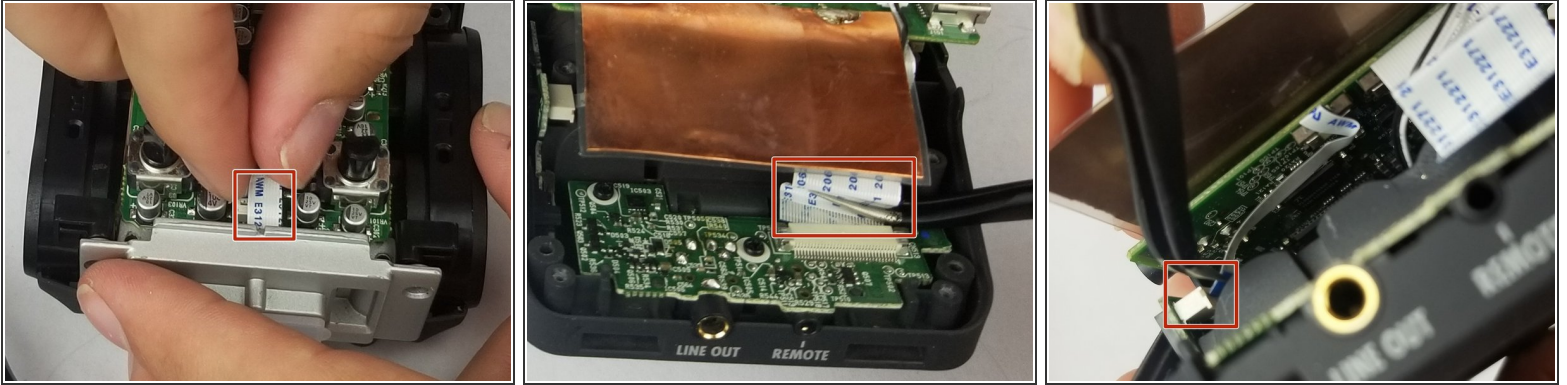
- Disconnect wire from motherboard using tweezers.
- ⚠ Do not touch the motherboard with metal tweezers. Only touch the plastic part of the plugged-in wire.

Step 9



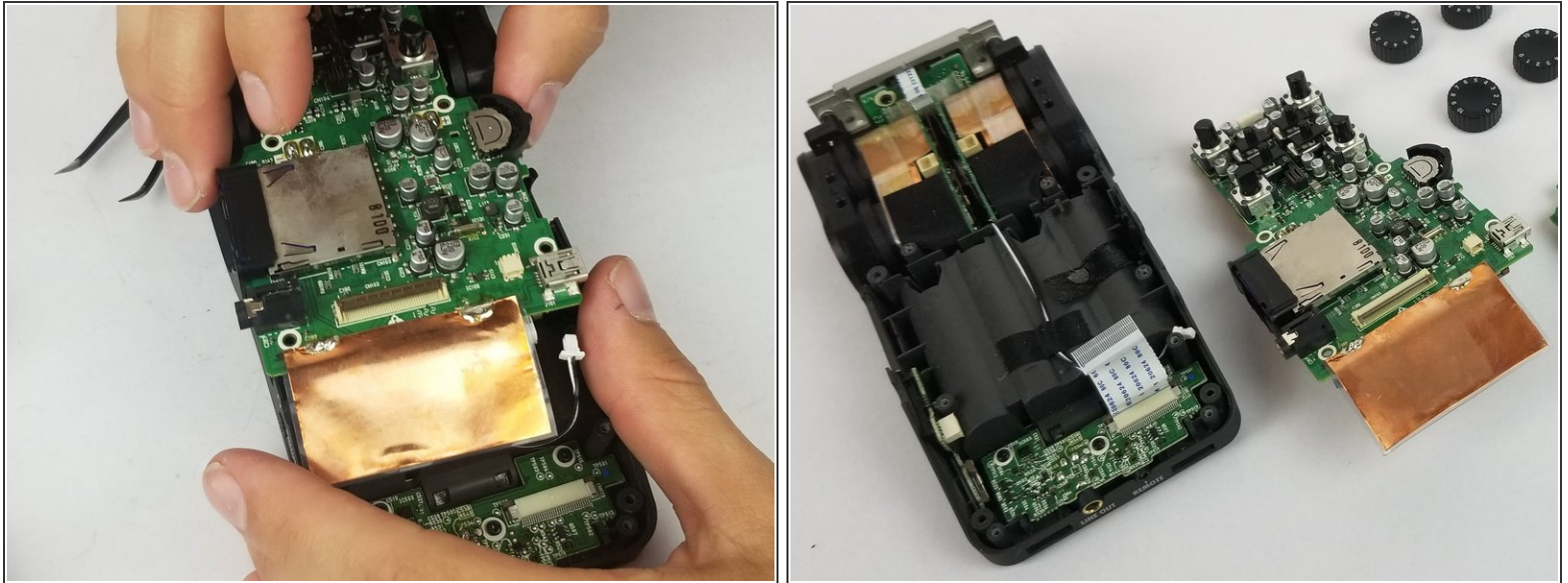
- Turn device 180 degrees to unscrew two (PH #1), 8mm screws from the mic connector.

Step 10



- Gently remove three ribbon connectors from the device.
 - The first is connected to the mic connector.
 - The second is connected to the base of the device, and the third is connected to the power switch on the side of the device; turn the device 180 degrees, and the connectors are near the top of the device next to the "LINE OUT" plug-in (directly behind the device display).
- i** It's best to use tweezers to remove the two ribbon connectors behind the display.
- !** Avoid touching anything but the ribbon connectors with the metal tweezers.

Step 11



- Gently lift the motherboard from the base of the device and set aside.

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