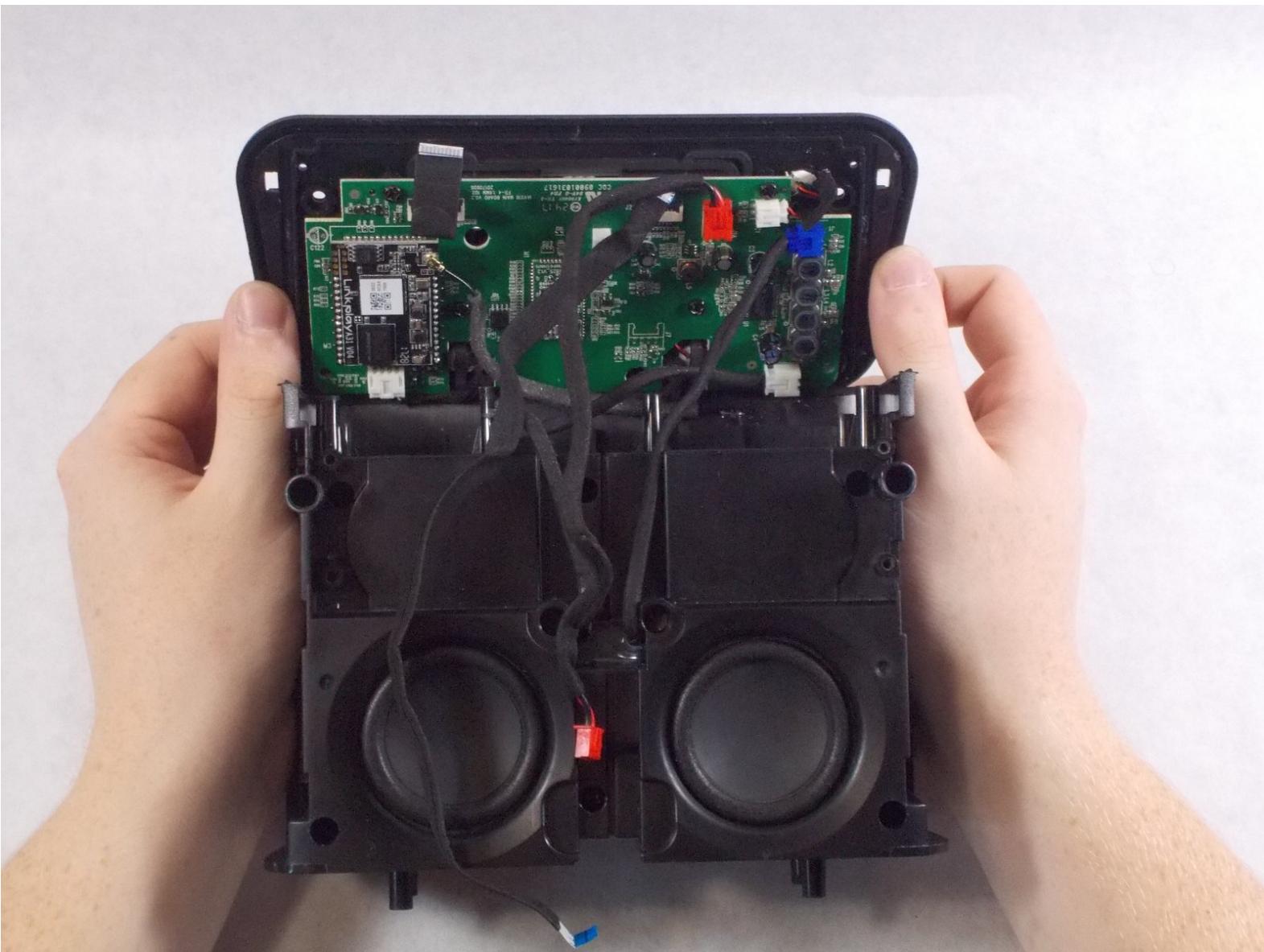




iHome iAVS16 Motherboard Replacement

How to replace the motherboard in an iHome iAVS16.

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INTRODUCTION

This guide will show you how to disassemble the iHome iAVS16 to access and replace the motherboard.

TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Tweezers](#) (1)

Step 1 — Power Board



- Remove the four 1.7 mm Phillips #0 screws located on the bottom of the device.
- Lift up the bottom of the device.

⚠ Carefully lift the bottom of the device up as to not damage the ribbon cable connecting it.

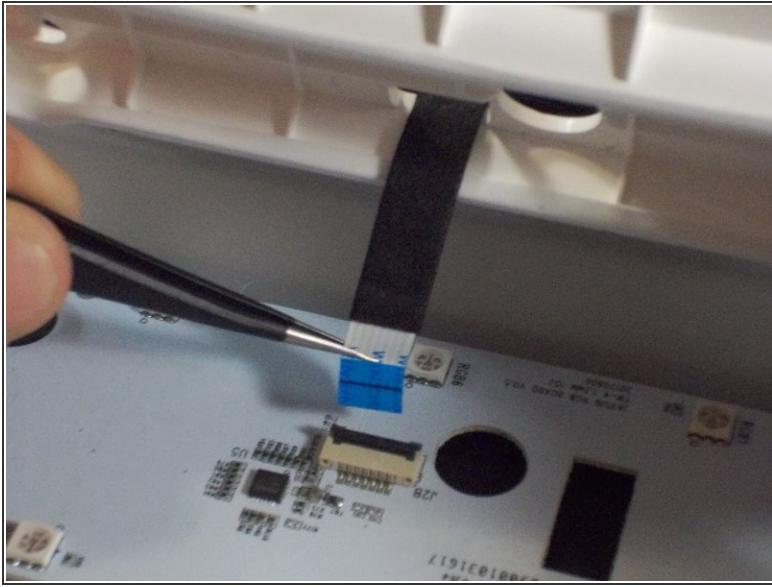
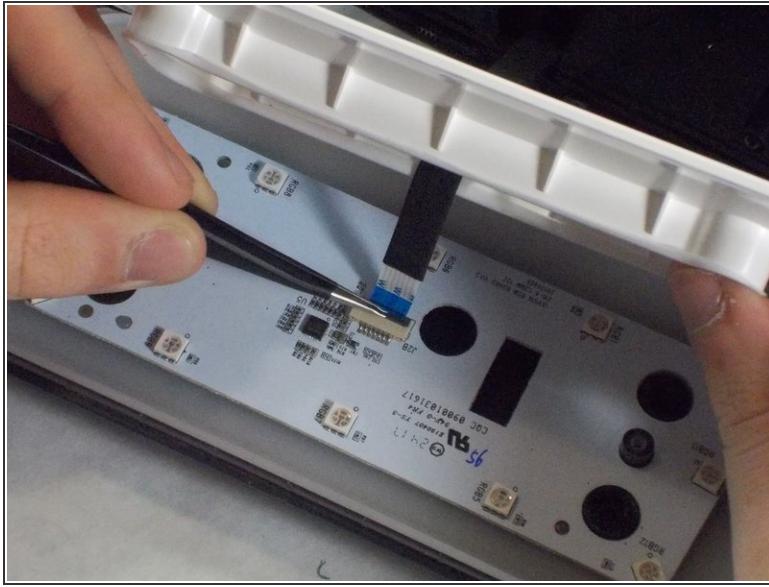
Step 2



- Remove the two 1.7 mm Phillips #0 screws holding the white face place onto the inside of the device's bottom.
- Using an iFixit opening tool on the side without the black adhesive, carefully lift up the white face plate.

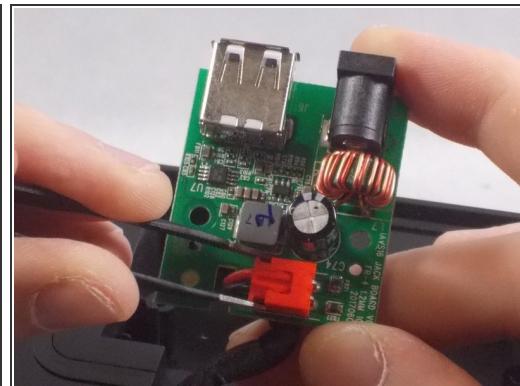
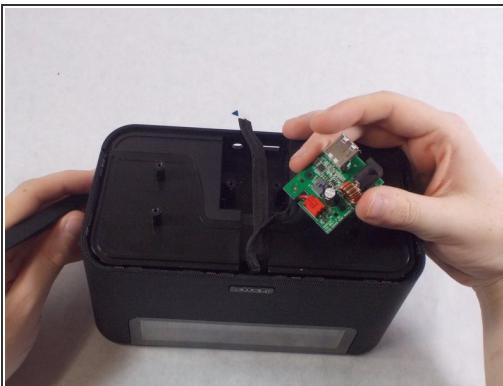
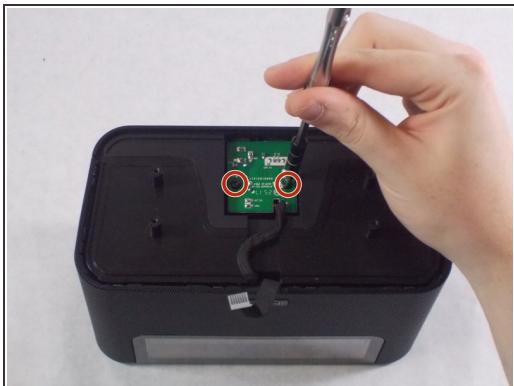
⚠ Lifting too quickly could damage the ribbon cable still attached.

Step 3



- Using the tweezers, lift up on the black tab holding the ribbon cable down.
- Carefully pull the ribbon cable back and out of the slot.

Step 4



- Remove the two 1.7 mm Phillips #0 screws holding the power board in.
- Carefully flip the board over.
- Remove the red connector from its socket with a pair of tweezers.

Step 5 — LCD (Display)



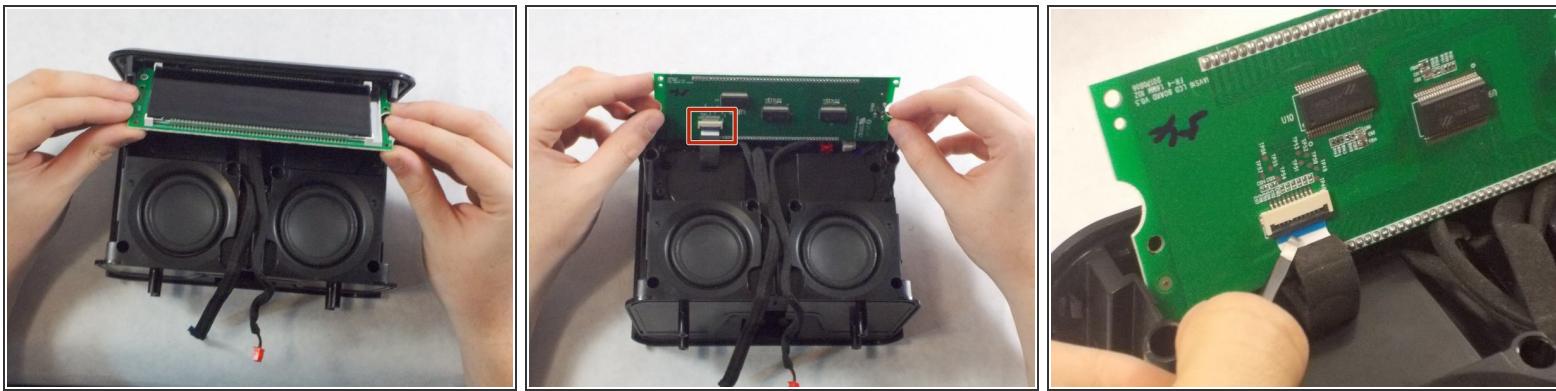
- Insert an iFixit opening tool into the lining on the front casing and pry it apart. Do this for both sides.
- Further remove the front casing off from the device manually with your hands.

Step 6



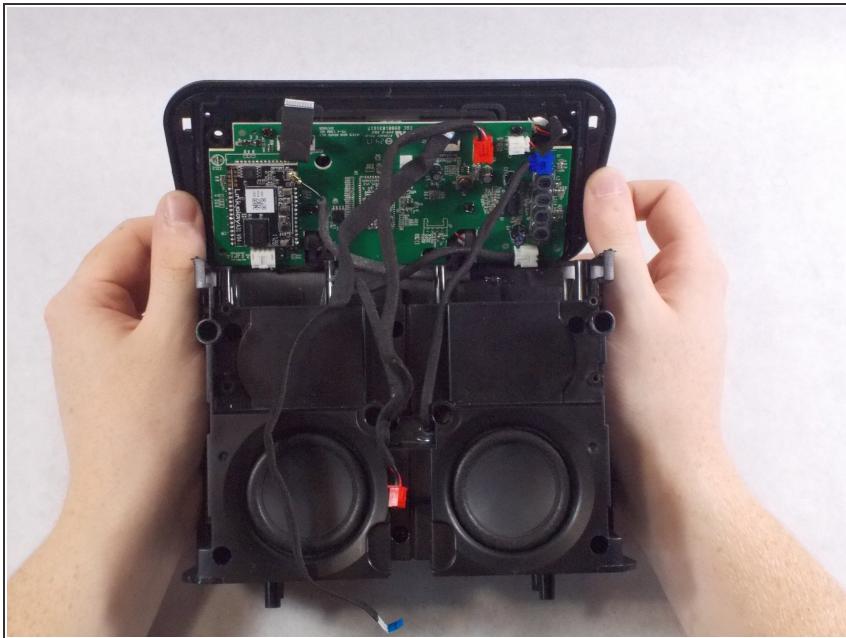
- Remove the four 1.7 mm Phillips #0 screws holding the LCD onto the front of the device.

Step 7



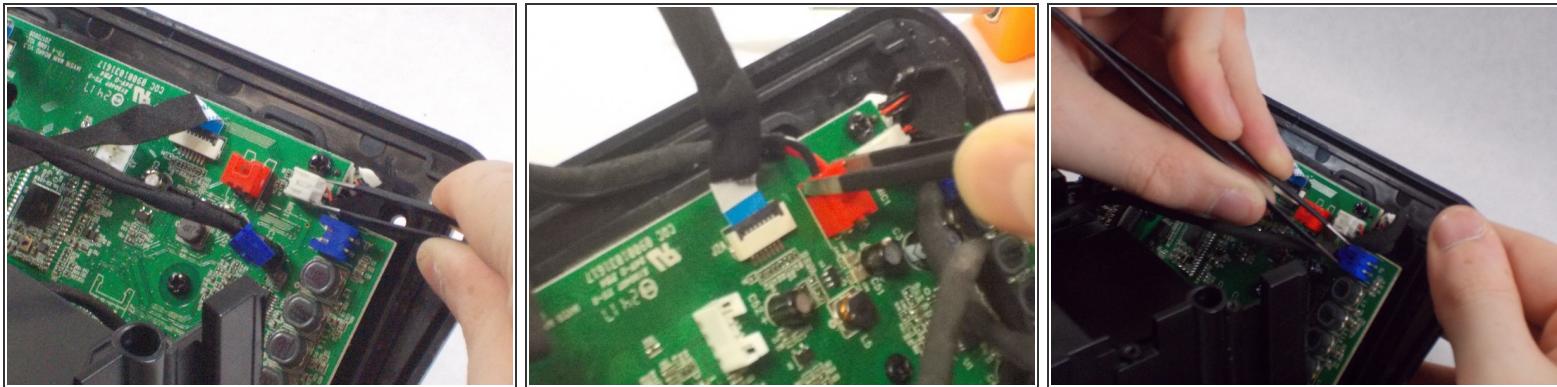
- Carefully flip the LCD display over to expose the ribbon cable connecting it.
- Lift the black tab holding the cable down, and carefully put it out of the socket.

Step 8 — Motherboard



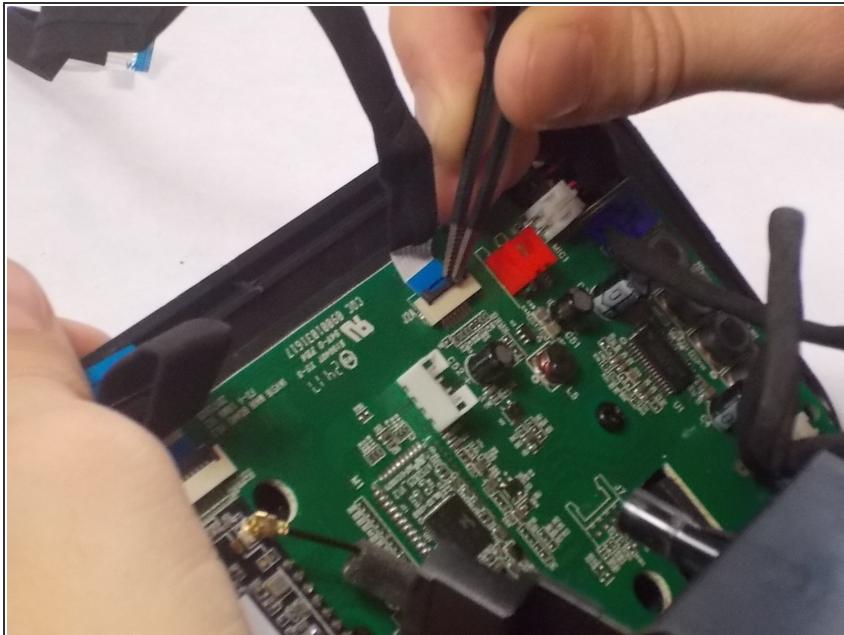
- Flip up the back of the device encasing the motherboard.

Step 9



- Using tweezers, unplug the white, red, and blue connectors from the motherboard by pulling each out.

Step 10



- Carefully unplug the ribbon cable, making sure not to rip it.

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