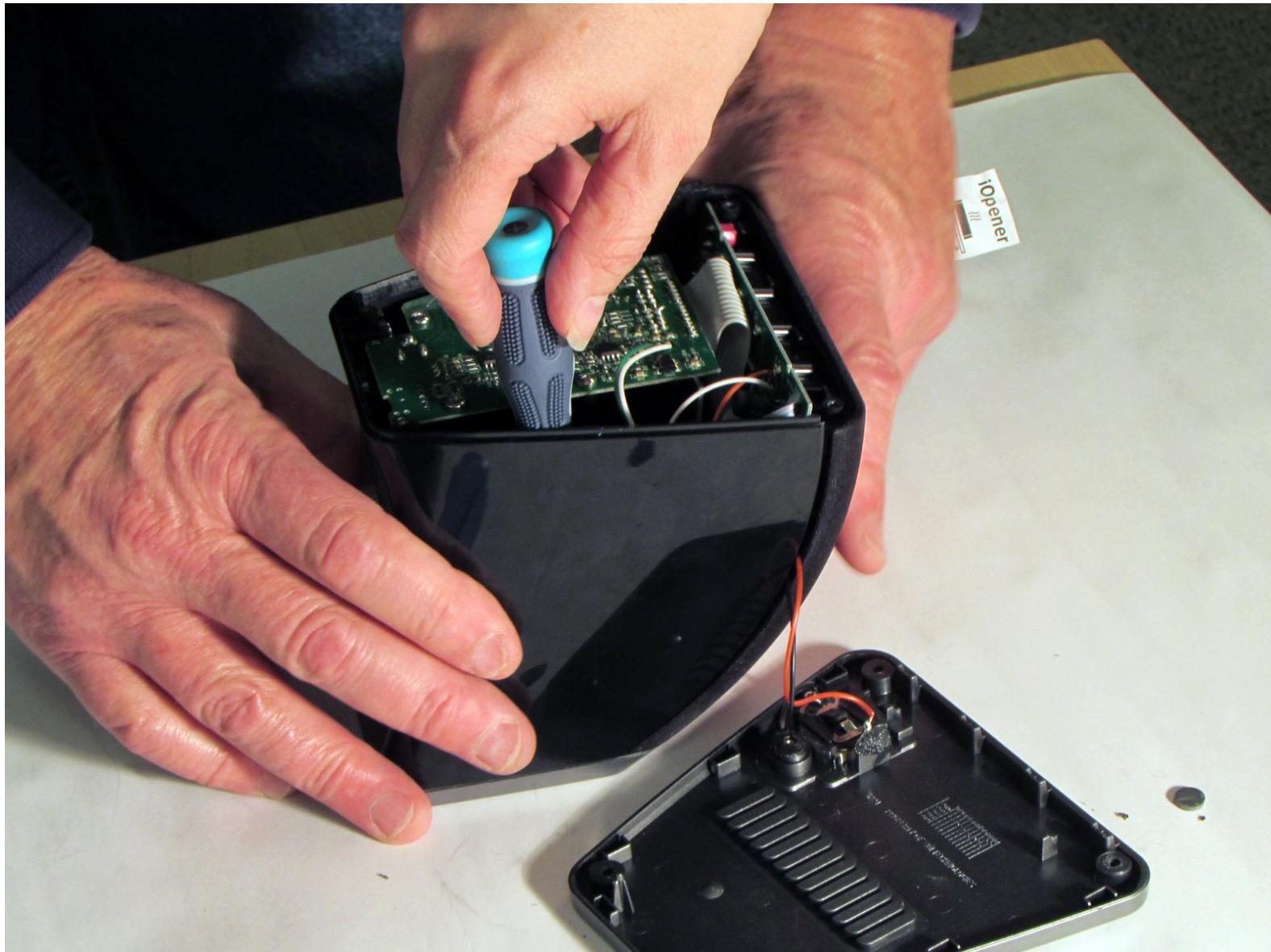# iHome iP21 Motherboard Replacement

Replacing the main (largest) circuit board of the iP21 is a quick and easy process.

Written By: Brandy

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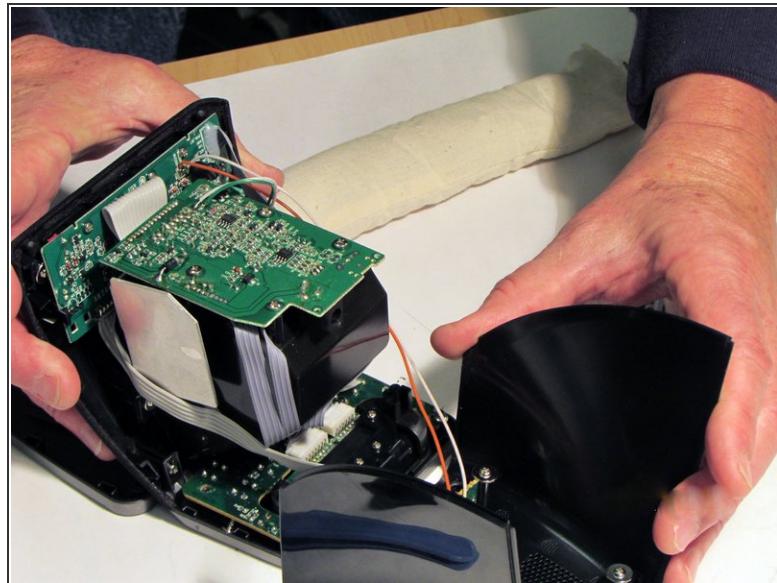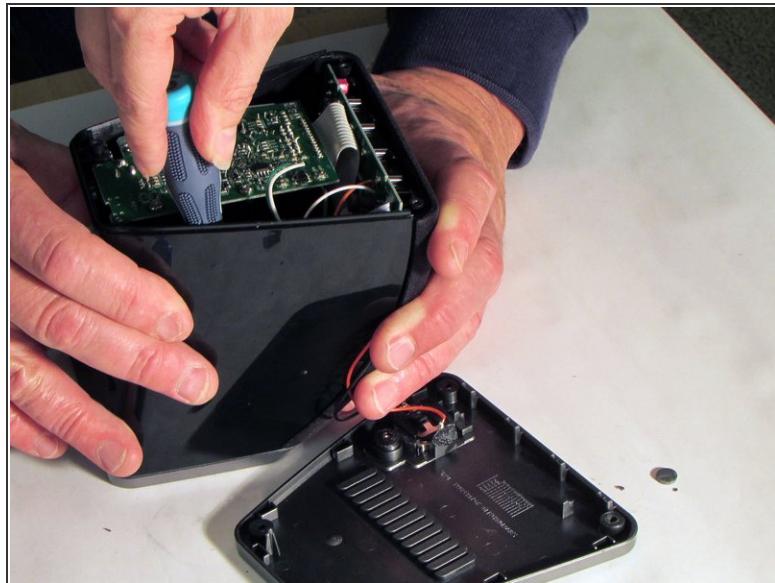
TOOLS:

- Phillips #1 Screwdriver (1)
- Phillips #2 Screwdriver (1)
- Spudger (1)
- Soldering Iron (1)

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Step 1 — Base

- Pry the four rubber feet from the bottom of the iP21 to expose four 11mm screws.

- Unscrew the four 11mm screws from the base.

- Pry the base loose using the spudger.

- Remove the base by hand.

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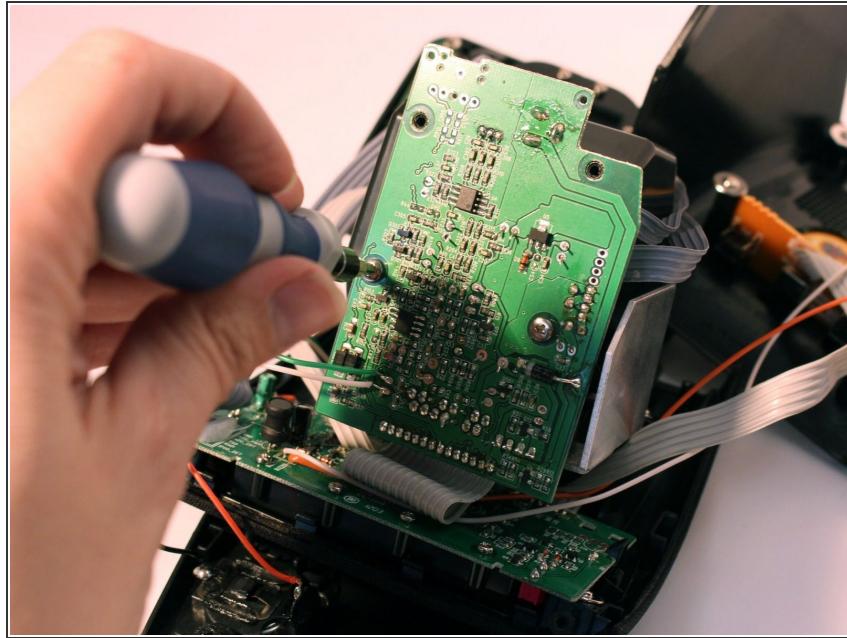Page 3 of 6

Step 2 — Housing

- Remove the two black 6mm screws connecting the main circuit board to the housing top.

- Grasp front housing and back housing firmly.

- Gently pull front housing from the back housing.
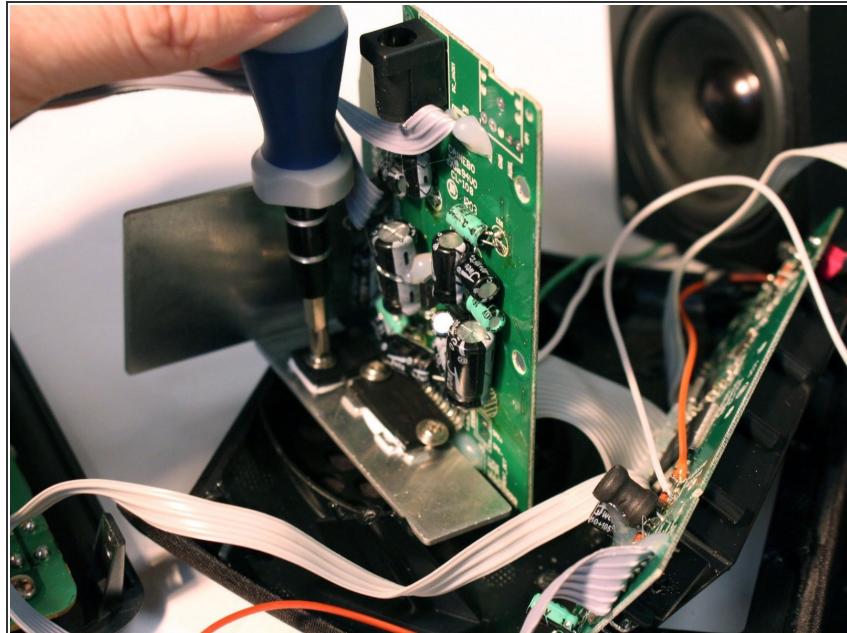
Step 3 — Circuit board

- Follow the prerequisite guide to remove the main housing.

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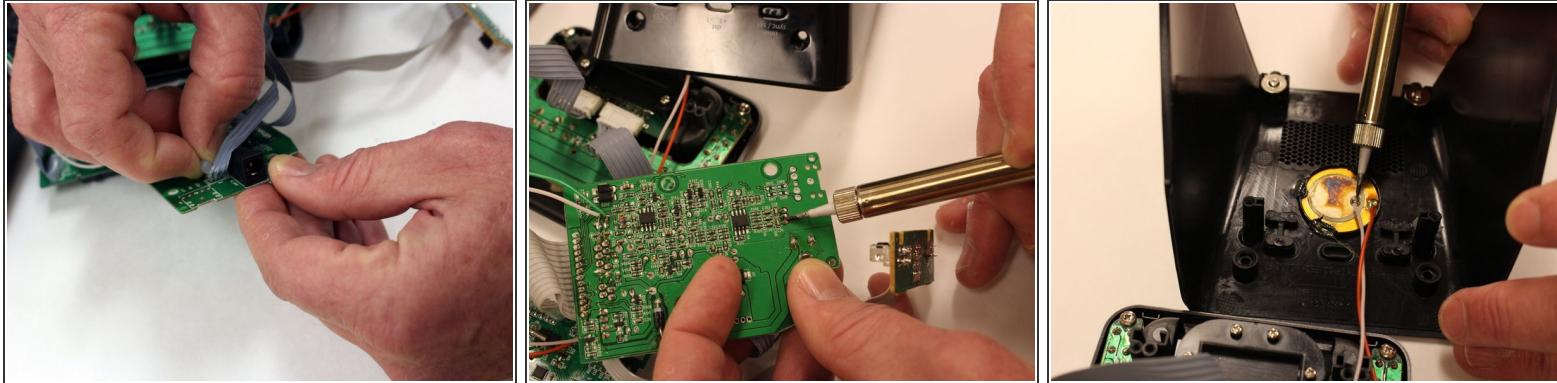
Step 4 — Circuit board mount

- Remove the two 7mm screws from the circuit board

Step 5 — Mounting Bracket

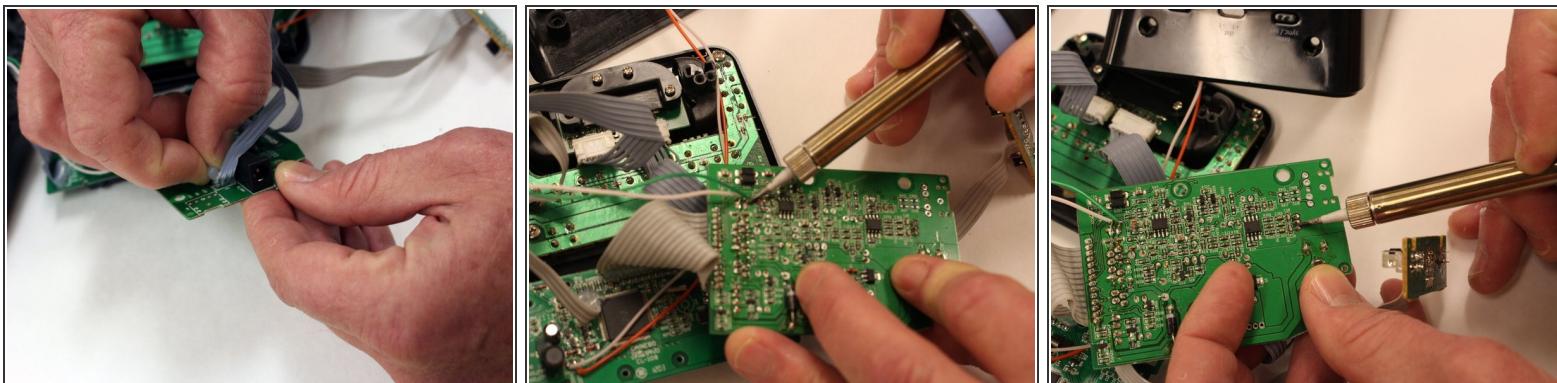- Remove the three 6mm screws to detach the circuit board from metal mounting bracket.

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Step 6 — Cables

- Peel the glue from each of the three ribbon cable connections.

- Remove the solder joints from the back of each ribbon cable.

- Remove the ground wires by removing the solder joints on the back of the housing.

Step 7 — Detach cables from circuit board

- Remove glue from 3 ribbon cables from circuit board using fingers

- Detach speaker cables from circuit board with soldering iron

- Remove 3 ribbon cables with soldering iron

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

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