



Baby Monitor Teardown

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INTRODUCTION

This hand-me-down baby monitor has a busted volume/on-off switch. Monitor only operates while pressing down on the volume dial. If you think I have the energy to hold down that dial while trying to sleep, you got another thing coming. Baby crying... gotta go.

TOOLS:

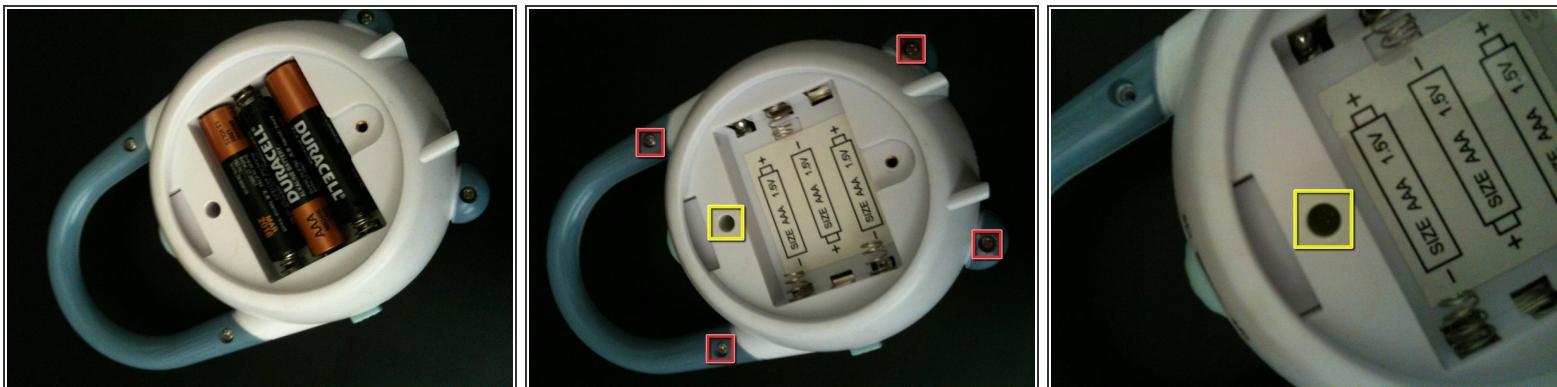
- [Flathead Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)

Step 1 — Teardown



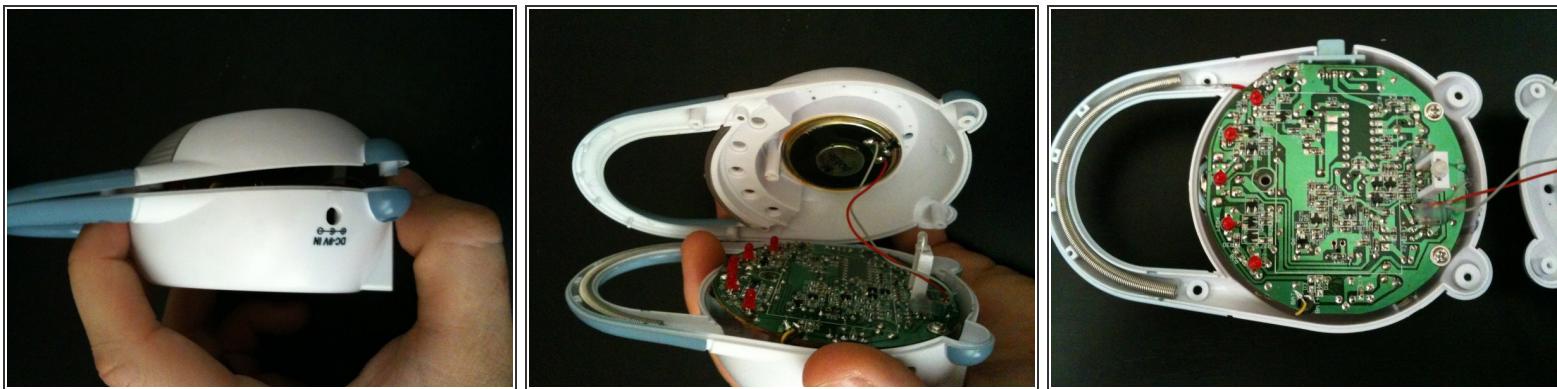
- Here is the baby monitor in all its glory.
- Start by turning the device speaker-side down.
- Remove the flathead screw securing the battery cover using a [flathead screwdriver](#).
- Remove the battery cover after fully disengaging the screw.

Step 2



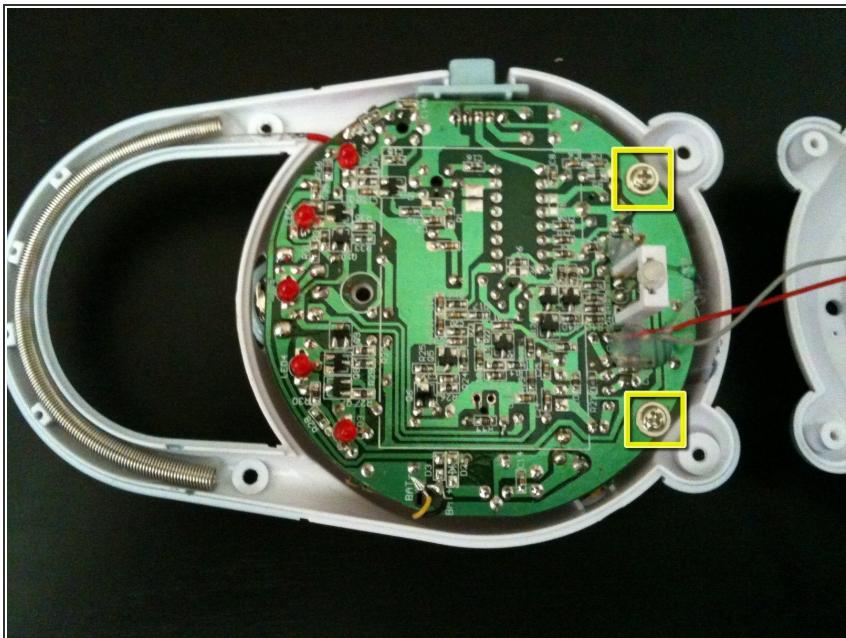
- Remove the batteries from the compartment.
- Remove the five phillips screw holding the casing together using a [phillips #1 screwdriver](#).
 - The fifth screw is hidden beneath the battery cover, toward the center of the monitor and is recessed deep into the casing.

Step 3



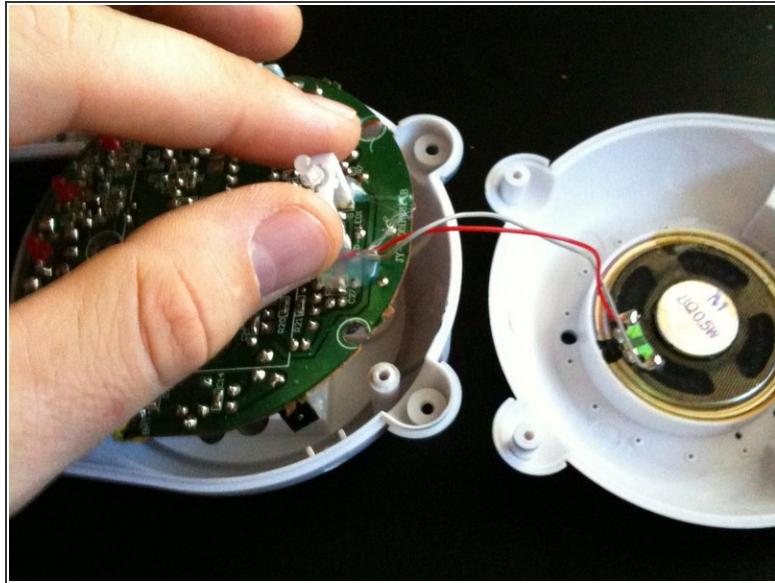
- CAUTION: Do not yank the casing apart!!!
- Gently pry from the bottom and work a finger along the side and until monitor pops in half.
- The speaker cabling is soldered to the main board and the speaker is stuck in the front casing with adhesive.
- Lay the two halves as shown.

Step 4



- Remove the two screws securing the main board.

Step 5



- Pry lightly around the edge of the main board between the board and the casing to help free the board. Fingernails, a [spudger](#), or [plastic opening tools](#) can be used for this task.
- DO NOT TRY TO REMOVE THE MAIN BOARD COMPLETELY!!! There are soldered items that need to be dealt with. Follow along closely.
- Gently, and I mean gently, pull up on the LED assembly to loosen the main board from the rear casing.
- Any resistance should indicate that the board needs to be loosened from the casing, around the edges, more before proceeding.

Step 6



- PROCEED WITH CAUTION!!! The antenna cable and the battery contacts are soldered onto the board.
- Your monitor should look like this, with a small gap between the main board and the rear casing.
- The next step will merely free the volume control dial from the casing and NOT free the main board from the casing.
- To remove the main board from the casing, you MUST desolder the antenna cable and two battery contacts from the board.

Step 7



- Create about a 30 degree angle between the rear casing and your workspace, lifting the casing by the top end. I used 3 decks of playing cards to prop up the casing from my workspace.
- Lift the main board from the rear casing at the bottom, making sure the volume dial clears the screw retainer post. **DO NOT COMPLETELY REMOVE MAIN BOARD!**
- Once free, set the main board back down on the casing.
- You are now free to desolder any of the contacts that need repair. In my situation, I will be examining the volume dial and will not need to desolder.
- Good luck!