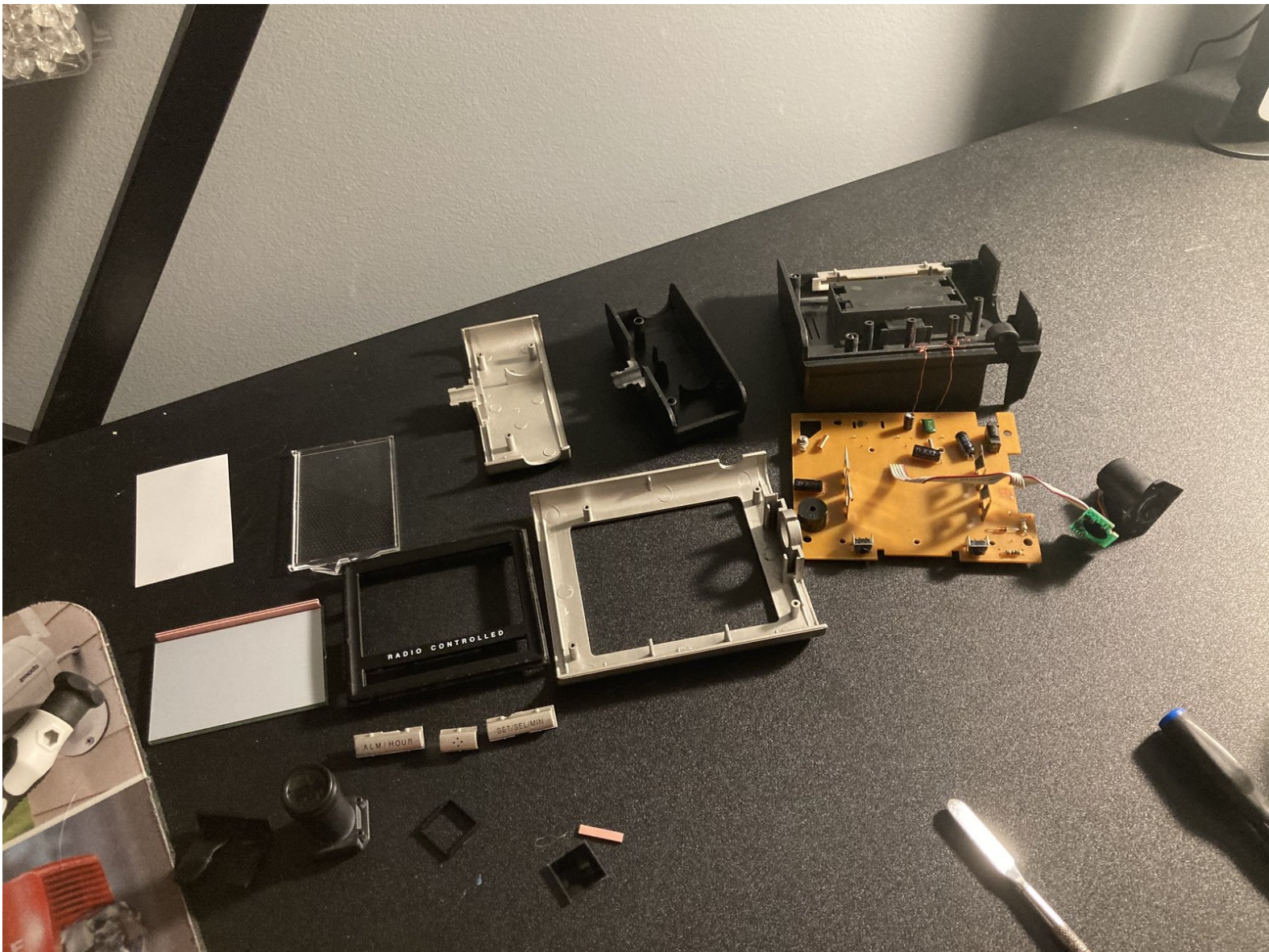




LaCrosse Technology 5120 Weather Alarm Clock Teardown

Written By: Liam Kandell





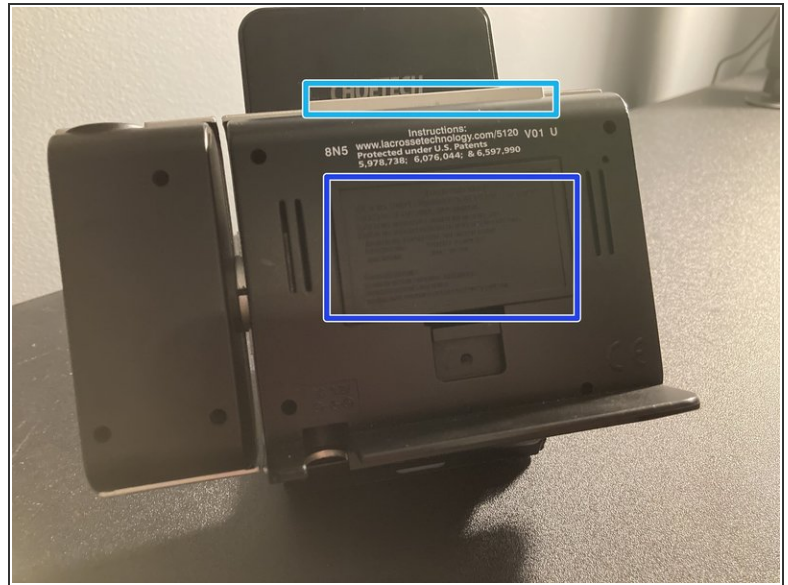
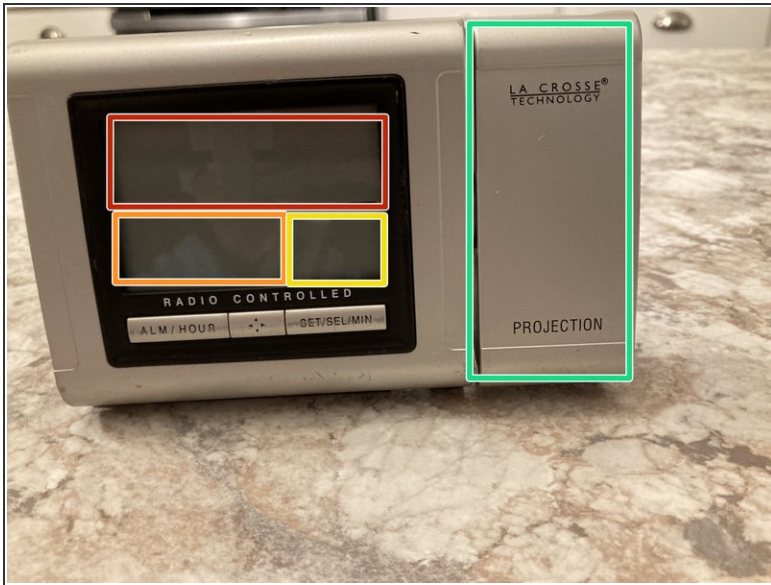
TOOLS:

- [Phillips #1 Screwdriver](#) (2)

1 THIN SHAFT, 1 any other type.

- [Metal Spudger](#) (1)
- [Fingers](#) (10)

Step 1 — First Look



- Pretty nice clock! Let's take a look at the features.
- Time & Date Segments
- Indoor temperature & humidity segments
- Outdoor temperature & humidity segments
- Projector
- Snooze & backlight button
- Battery backup

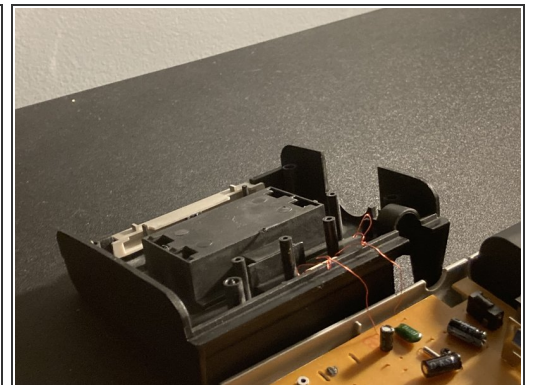
Step 2 — Unscrewing



- Before we get in, we need to remove the back screws. Use your THIN SHAFTED #1 Phillips Screwdriver.

⚠ DO NOT REMOVE THE BACK YET!!!

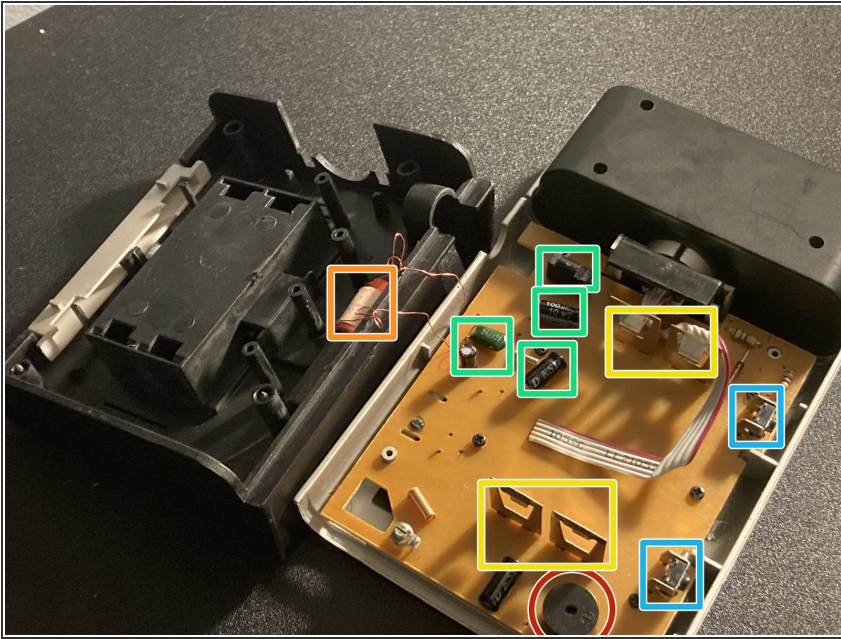
Step 3 — Opening Up



- We will now open up the device VERY CAREFULLY!
- Grab the sides of the clock and lift. Then, push down on the circuit board and lift the cover off.

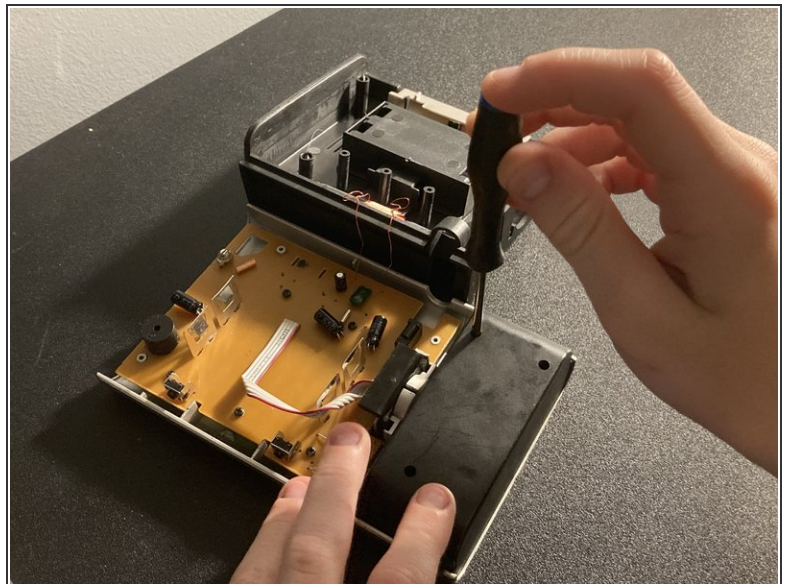
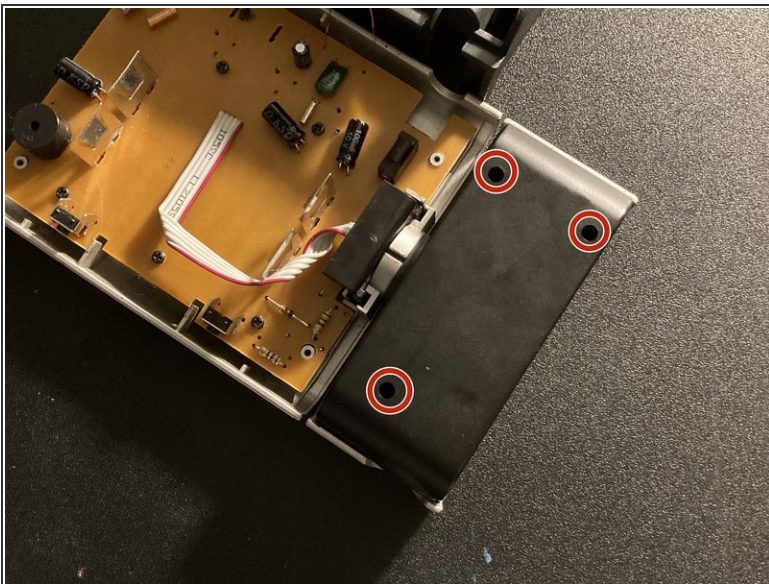
⚠ Keep in mind that there are two thin red wires connecting the CB to the temperature sensor. DO NOT force the cover off.

Step 4 — On the Inside



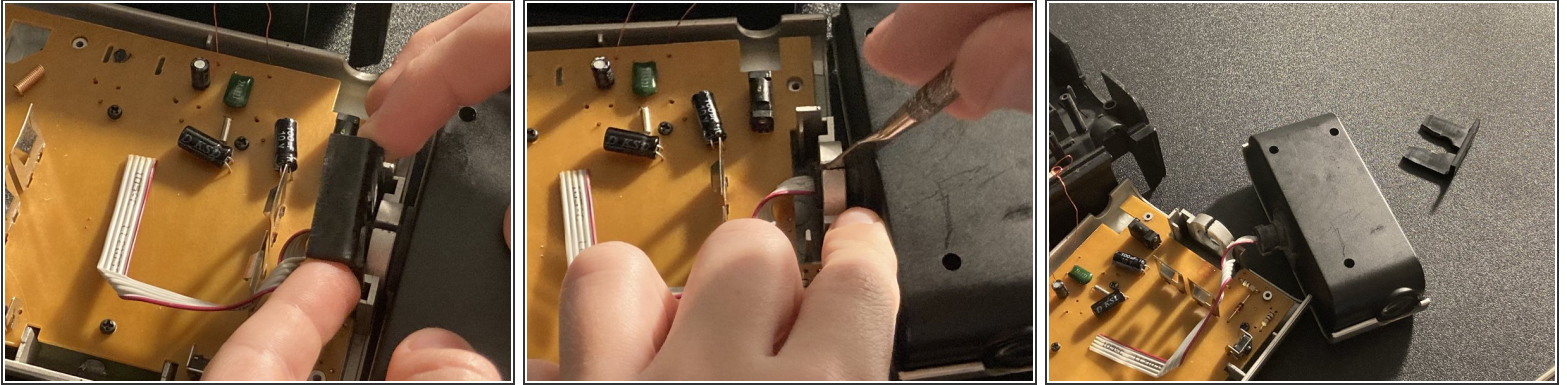
- So, now that we have it open, let's take a look at the inside.
- Piezo
- Temperature & humidity sensor
- Battery terminals
- A whole bunch of capacitors
- Snooze & backlight buttons

Step 5 — Removing the Projector Cover Screws



- Use your THIN SHAFTED #1 Phillips screwdriver to remove these three screws.

Step 6 — Projector Removal Continued...



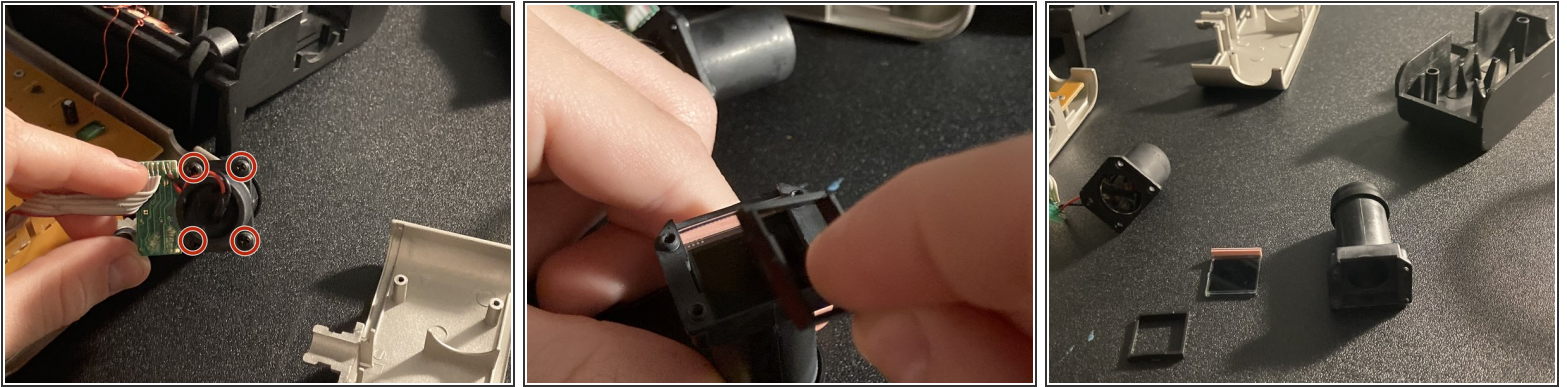
- Remove the black holder that is holding the projector in by pushing it up on the bottom of it with your fingers.
- Then use a metal opening tool to put medium pressure on the clamp, and at the same time, push the projector outwards.
- Now it's off!

Step 7 — Projector Cover Removal



- Pull up on the back cover while jiggling it to get it off.
- Then, simply pull out the projector.

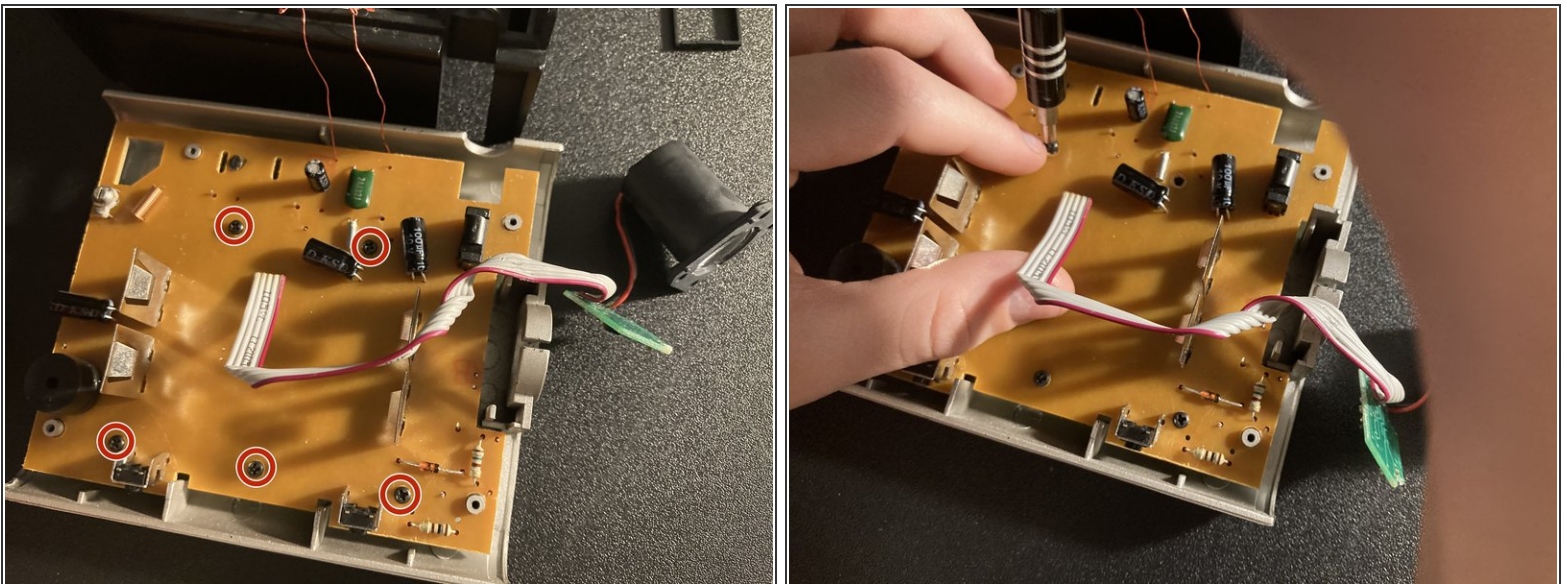
Step 8 — Projector Disassembly



- Use a Phillips #1 screwdriver (any shaft size is fine) to remove the four screws holding the two sides of the projector together to separate them.
- Then, CAREFULLY remove the plastic black square above the screen, and then the screen itself. Done with the projector!

⚠ PLEASE be very cautious NOT to crack the screen because the liquid crystal is TOXIC!

Step 9 — Screen Disassembly Part 1



- Remove the five screws holding the screen down.

i This step is short because of the limited amount of pictures per step.

Step 10 — Screen Disassembly Part 2



- Now, lift the CB and separate it from the screen.
- Remove all of the things like the backlight filter and distributor.
- Finally, CAREFULLY remove the screen, buttons, and button frame.

⚠ PLEASE be very cautious NOT to break the screen because the liquid crystal inside of it is TOXIC!

Step 11 — You're done!



- That's all! You did it! Thanks for following my guide! Please check out my other guides on my profile. See ya!

