Hitachi KC30 Radio Alarm Clock Teardown

Written By: honakrisi

This document was generated on 2022-12-28 08:30:16 PM (MST).

© iFixit — CC BY-NC-SA

TOOLS:

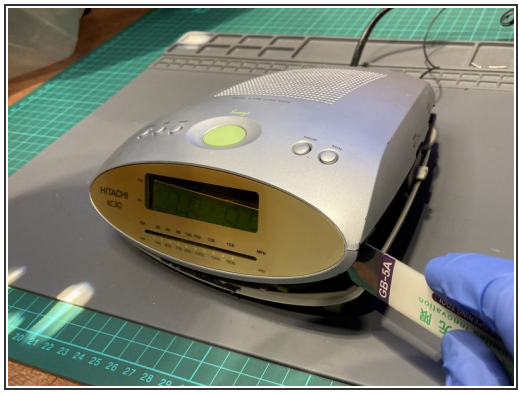
- Soldering Workstation (1)
- Pry Bar (1)
- Phillips #0 Screwdriver (1)

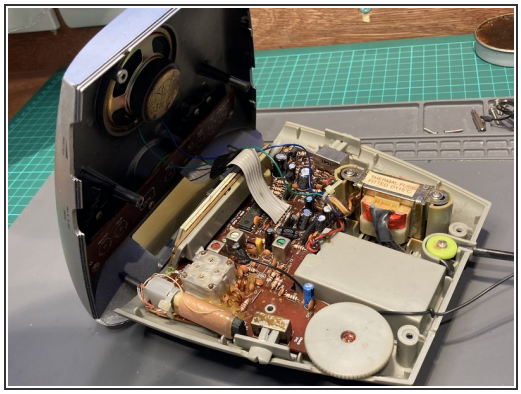
© iFixit — CC BY-NC-SA

Step 1 — Removing top cover 1

- Turn the clock upside down
- Remove the 6 screws.
- The two front screws are shorter and slimmer.

Step 2 — Removing top cover 2



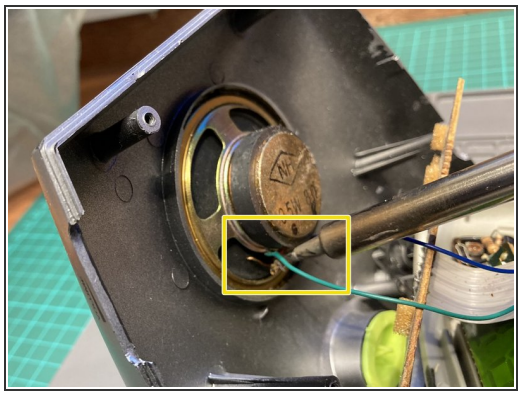
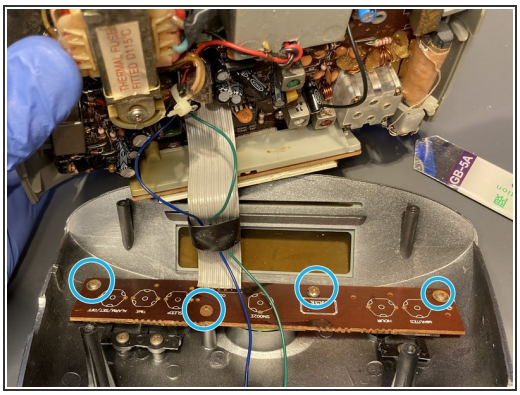
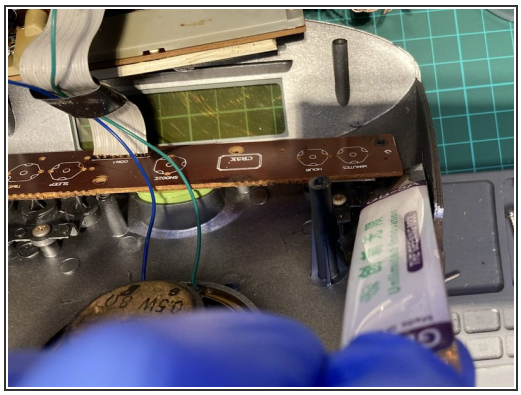


- With the help of a pry tool, pop the cover open.
- Open it from the back towards the clock display.

⚠ Don't try to separate the cover as both the speaker and the motherboard is still connected!

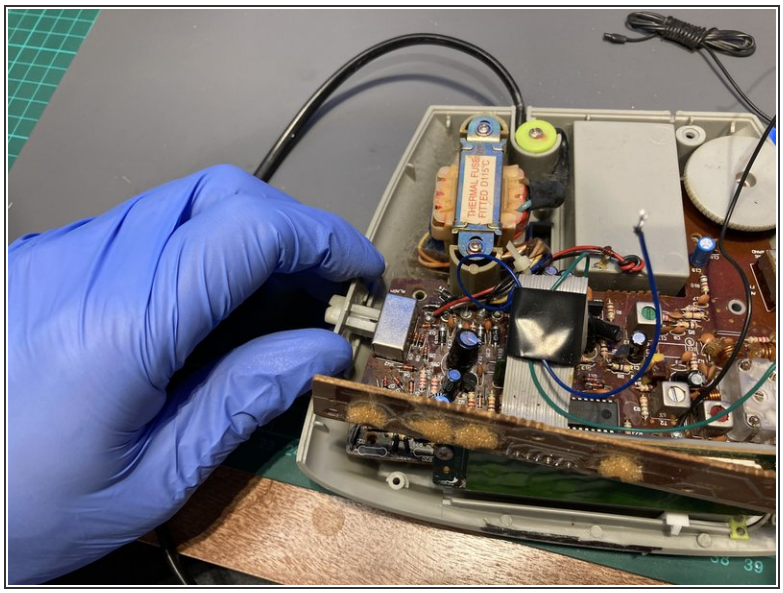
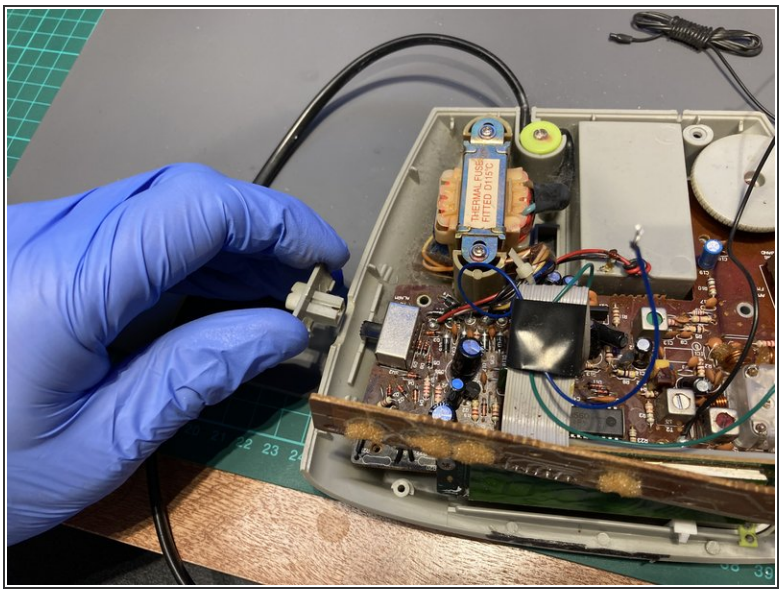
© iFixit — CC BY-NC-SA

Step 3 — Removing top cover 3 / Speaker disconnect

- De-solder the speaker connections.
- Unscrew the button panel from the top cover.
- Pry out the button panel form the cover.

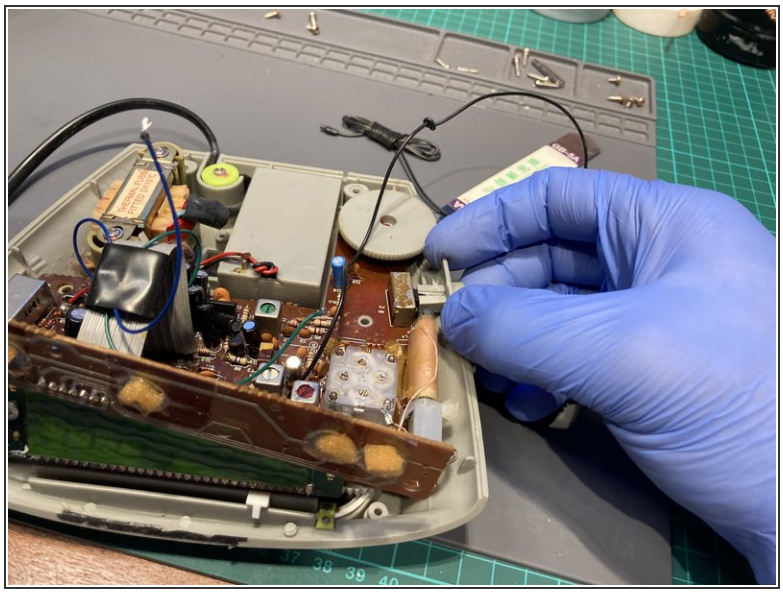
Step 4 — Removing ALARM switch

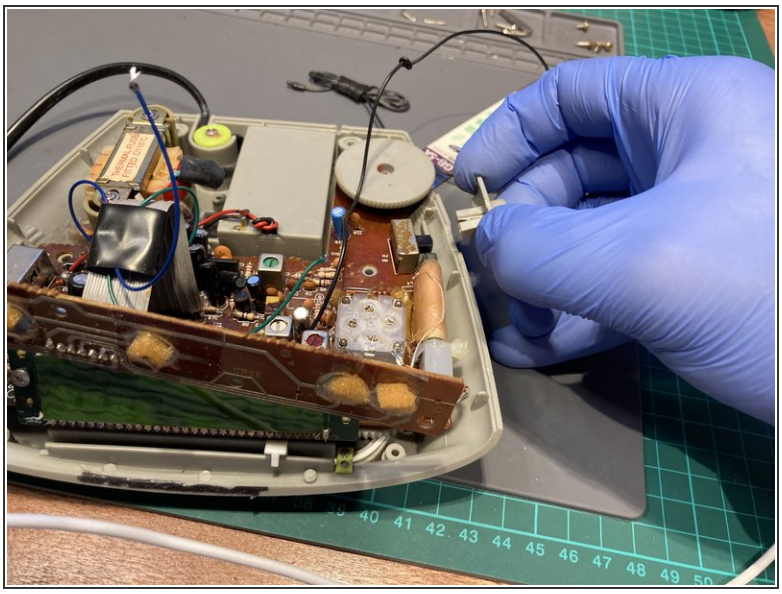



- Remove the ALARM ON/OFF button

© iFixit — CC BY-NC-SA

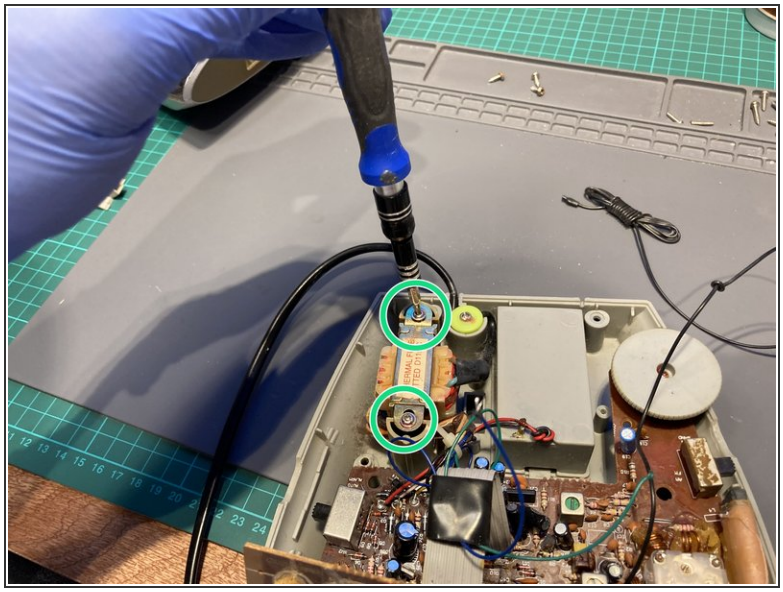
Step 5 — Removing FM/AM switch

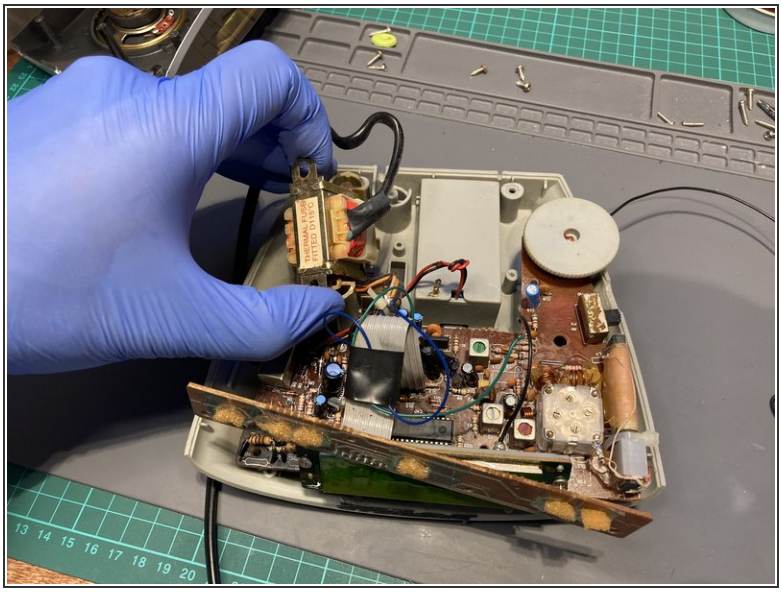




- Remove the FM/AM selector knob

Step 6 — Removing transformer

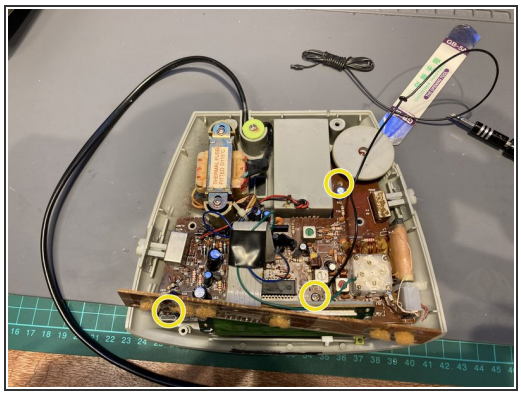
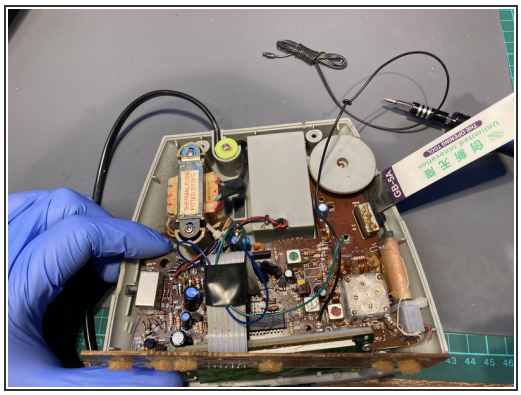
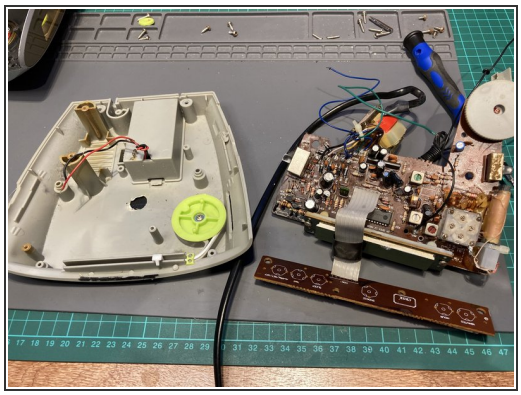




- Unscrew the transformer securing screws
- Pull it out of the socket

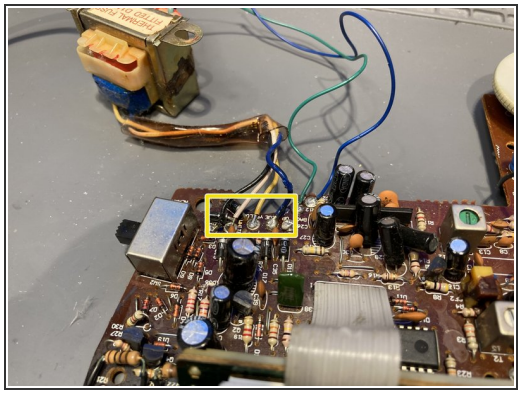
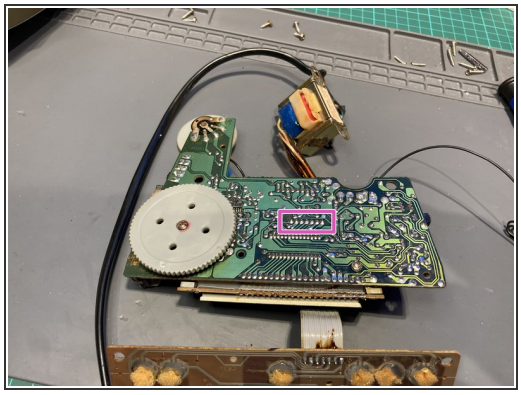
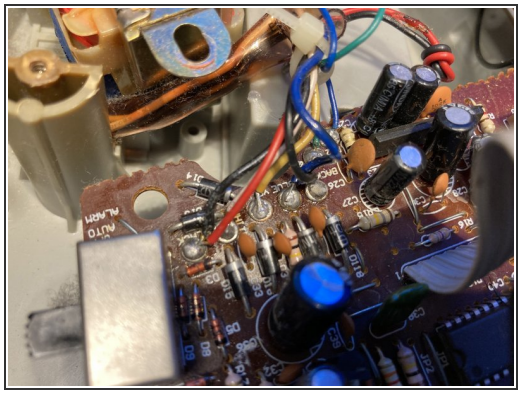
© iFixit — CC BY-NC-SA

Step 7 — Remove motherboard from case

- Remove the screws that secures the motherboard to the base.
- Grab the motherboard on one side and pry it on the opposite side to release it from the base.

Step 8 — Complete disassembly

- For complete disassembly de-solder the transformer.
- ...and the button (control) board

ⓘ Remember the labelling/wire colours

This document was generated on 2022-12-28 08:30:16 PM (MST).

© iFixit — CC BY-NC-SA