



Philips Fizio 120 Teardown

In this teardown i will open up an Philips Fizio 120 step by step.

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INTRODUCTION

The picture quality is pretty bad, but i've done my best to make this teardown as comprehensive as possible. No parts description and macro shots here for now.



TOOLS:

- [Spudger](#) (1)
-

Step 1 — Philips Fidio 120 Teardown



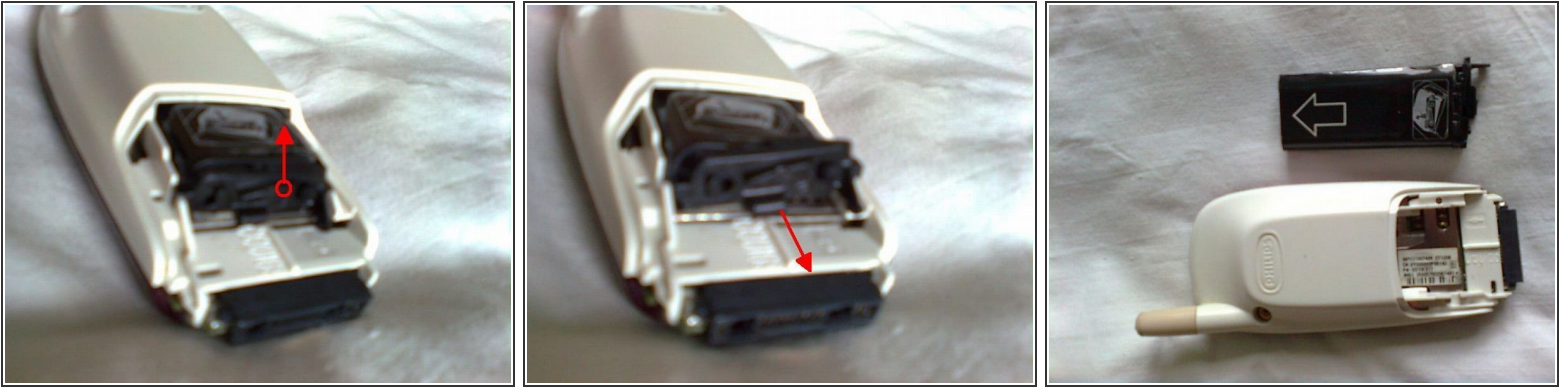
- We'll begin with a few pictures of how the phone looks
- Here we have the front, back and side views

Step 2



- The battery cover comes out quite easily, just press on the symbol on the lower side of the phone and pull it down

Step 3



- The battery itself, however, has a weird mechanism that must be first pulled up by the side (as shown in the first picture) and then, when the switch is in the position shown in the second picture, pulled out by the plastic side.
- This is also illustrated on the battery itself.

Step 4



- There are 8 clips(3 on each side and two on the top) holding the front case to the body (shown in picture 1 and 3). Oh, by the way, Philips didn't use any screws on this device, so don't worry about that.
- A plastic card or pr plastic spudger is used to unclip the case from the body, starting on one side, from bottom to top, and then continuing on the other side in the same fashion. (picture 1)
- The Keyboard membrane can be seen now. Also notice that the keyboard itself can be unattached from the front cover. The keyboard is made of silicone and can break easily, so be careful with it.

Step 5



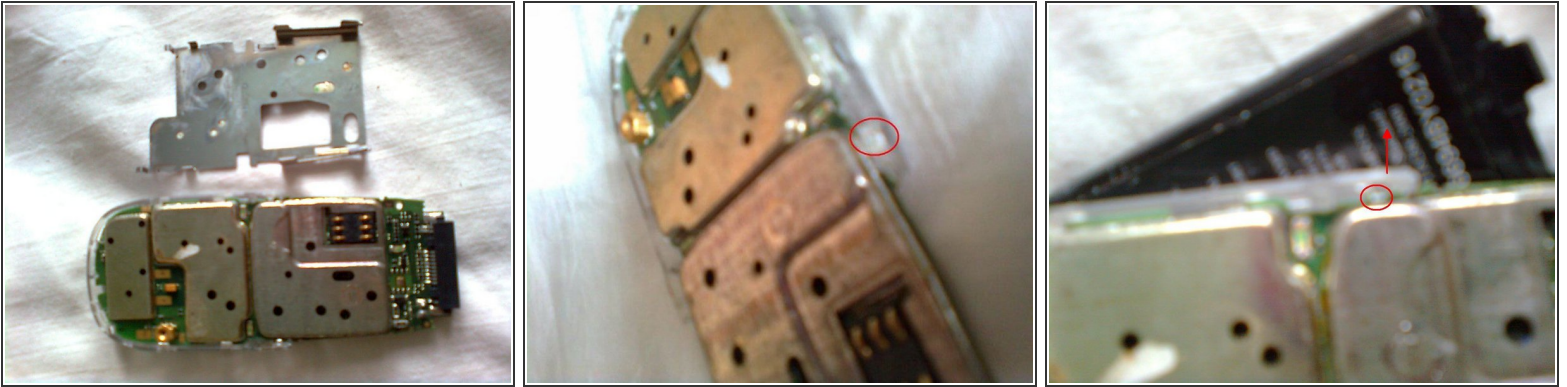
- The back part of the phone is attached to the board and lcd by 8 clips on each side (pic 1 illustrates the biggest one) and two clips on the top (pic 3)
 - Removing it consists in pulling from the sides on the phone (from the point shown in pic 1) and pushing from the battery slot onto the motherboard
- ⚠ Careful when pushing on the motherboard, as the top part of the phone is securely held by a plastic piece that doesn't let go easily. Just pull the board out from the 8 clips and, when done, slowly let the motherboard down on the case (picture 2), hold it by the sides of the display and gently try to make the top part let go (shown in picture 3).

Step 6



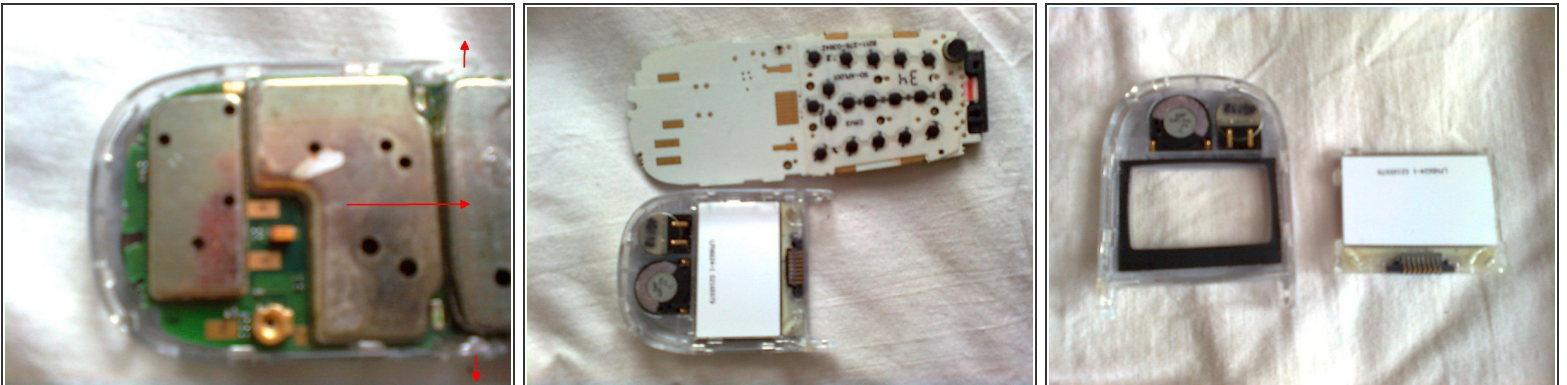
- The body should be off, exposing the motherboard
- Notice the metal shield, covering the motherboard from the 4 pins on the other side (pic 3).
- Take out the shield from the motherboard by unclipping the 4 pins on the side (picture 3)

Step 7



- Now with the shield off, we can take off the screen.
- The screen is held in place by two pins on each side (shown in pics 2 and 3).

Step 8



- To remove the screen from the board, take note that it comes off via a slide mechanism. Gently pull on the two sides and pull the board down on the slide. Once it stops, the screen should come down easily.
- The display itself may look like it's glued to the grey body, but it comes right out when you flip it.

Step 9



- That's basically as far as i go, as i don't want to take off the second shielding soldered on the board.

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