



Vtech Kidizoom Smart Watch DX Circuit Board Replacement

This guide will show you how to replace the Kidizoom Smart Watch DX circuit board.

Written By: Jordan RiberSmith



INTRODUCTION

USB port not working anymore? Screen scratched, cracked, or broken? Or is the watch failing to work altogether? This guide can help. Note: This guide requires [soldering](#).

TOOLS:

- [Soldering Iron](#) (1)
 - [Solder](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Desoldering Braid](#) (1)
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Step 1 — Master Switch



- ⚠ Make sure the master switch is "OFF" before disassembly, to avoid an electric shock.
- Flip the watch over with the back facing up.

Step 2



- Remove the four 6.0 mm screws on the back plate with the Phillips #00 screwdriver.

Step 3



- Gently pull the back plate from the watch casing.

Step 4



- Lift the master switch from the circuit board.

Step 5 — Circuit Board



- i The speaker wires are fragile. They may break if excessive force is used to remove the circuit board.
- ! Removal of the circuit board requires [soldering](#).
- Gently push on the display from the front, near the camera. The circuit board and display will pop out through the back.

Step 6



- Lift the circuit board carefully from the casing, without breaking or detaching the speaker wires at the bottom of the circuit board.

Step 7



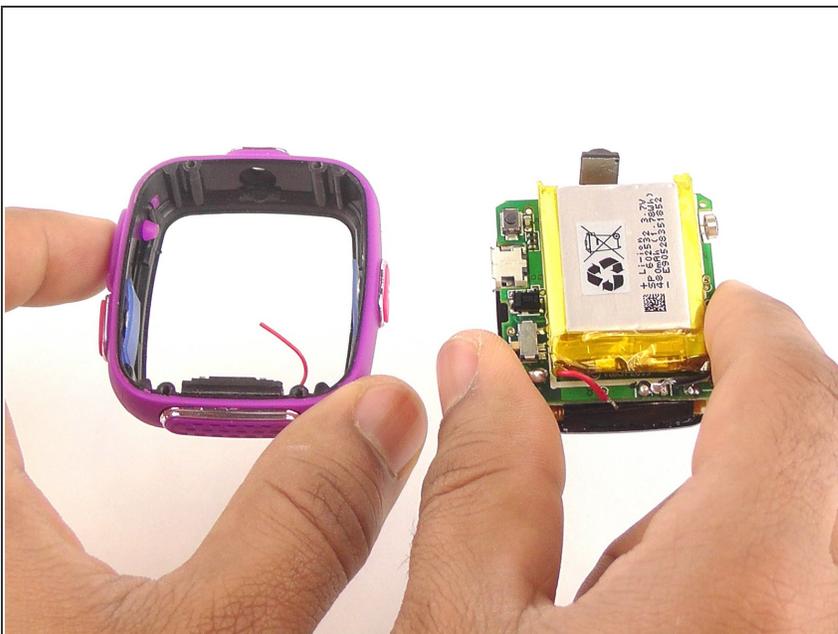
- ⓘ Note which wire is connected to which lead before continuing. There are no markers on the circuit board to indicate where each wire belongs.
- De-solder the black speaker wire from the circuit board.

Step 8



- De-solder the red speaker wire, as in the previous step.

Step 9



- Wait for the solder to cool down and solidify, then remove the circuit board from the casing.

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