



Sony Walkman NWZ-E438 Device Circuit Board Replacement

This guide will give you step-by-step instructions to replacing the circuit board of your Walkman.

Written By: Cheryl Zinn



INTRODUCTION

This guide will take you through 6 simple steps to removing your circuit board. For reattachment, simply follow the steps in reverse order.

TOOLS:

- [Tweezers \(1\)](#)
- [Soldering Iron \(1\)](#)
- [Solder Vacuum \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #000 Screwdriver \(1\)](#)

Step 1 — Disassembling Sony Walkman NWZ-E438



- Unscrew the two screws on the back of the device using a Phillips PH000 screwdriver.
- (i)* Keep the Phillips PH000 screwdriver aside for further steps in the guide. It will be the only screwdriver needed for this replacement.

Step 2



- Use a small prying tool to carefully pry open the back of the device.

Step 3 — Circuit Board



- First, you must remove the black tape on the circuit board.
- Next, pull up on the red and gold band until it detaches from the chip.

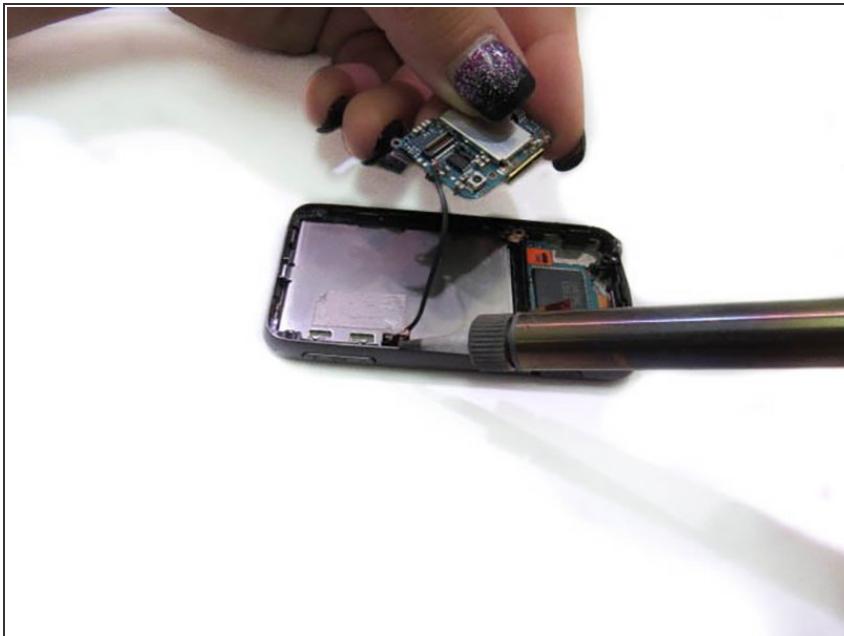
Step 4



- Using a small plastic prying tool, slip the end under the device circuit board and slowly lift it.
- Once the circuit board is lifted, carefully remove the chip with tweezers.

 The circuit board will still be connected to the device by a wire.

Step 5



- Using a soldering iron, carefully heat the metal connecting the wires from the device to the circuit board.

 You will need the soldering iron to reattach those wires once you've replaced the circuit board.

Step 6



- Carefully remove the circuit board from the device.

For reassembling your device, follow the instructions in reverse.