



# DBPOWER RD-810 Motherboard and LED Bulb Replacement

Remove the motherboard to replace it or the LED bulb, or get better access into the projector.

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## INTRODUCTION

The motherboard controls the operation of the projector. The LED bulb is wired to the motherboard and provides light for the projector to illuminate. Use this guide if the replacement motherboard includes the LED bulb.

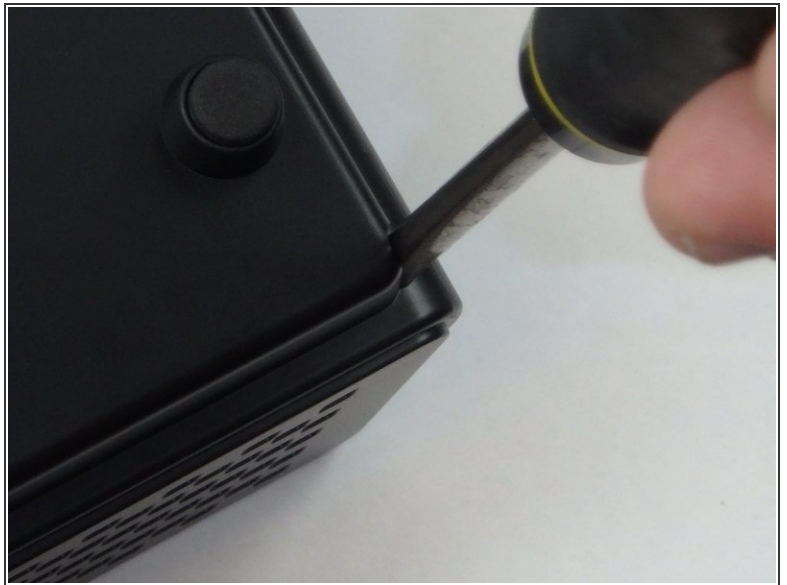
This guide is also used to allow access to the lens, speaker, fan, imager, or power supply circuit.



### TOOLS:

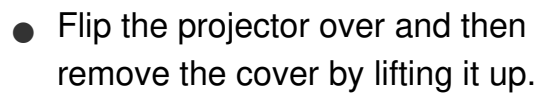
- [Phillips 3 Screwdriver](#) (1)
  - [Phillips #2 Screwdriver](#) (1)
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## Step 1 — Top Cover



- ❗ Make sure the projector is unplugged before starting
  - Place the projector upside down to access the screws on the bottom.
  - Remove the five 7mm long screws using a #3 Phillips screwdriver at least 2 inches long.

## Step 2



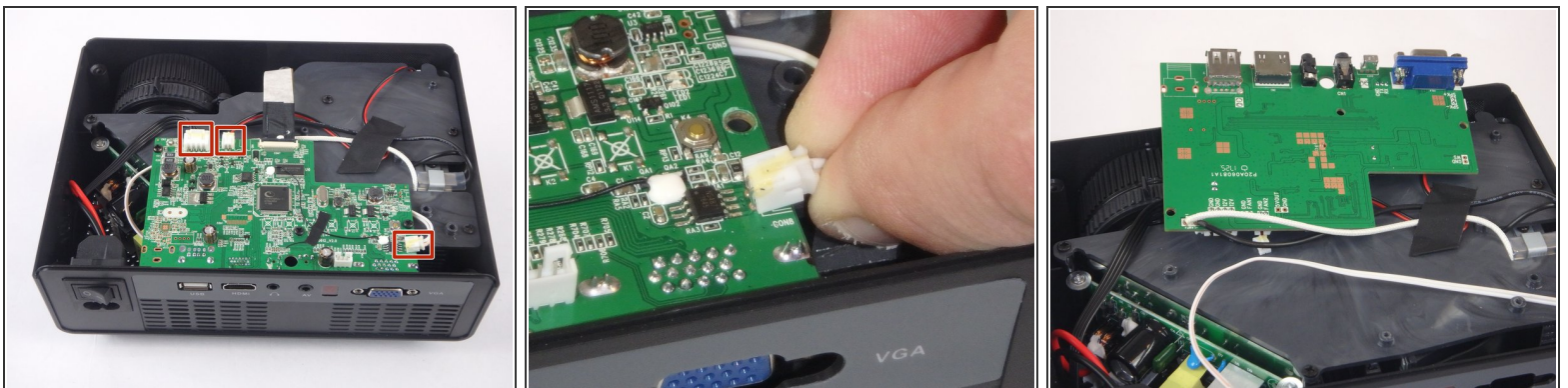


## Step 3 — Motherboard and LED Bulb



- Remove the three 6mm PH2 phillips head screws.
- Disconnect the ribbon cable by flipping up the latch on the connector and then pull the ribbon out.

## Step 4



- Disconnect the three wire connectors. Grasp both sides of the connector and pull apart.
- ⓘ Keep the connector parallel to the mother board to avoid breaking the solder connection.
- Lift the motherboard up and place it out of the way.

## Step 5



- Remove the five 7mm PH2 phillips head screws on the black plate and lift the plate out.
- Lift the aluminum heat sink up to remove it from the projector.
- ⓘ The motherboard is already removed in this step.

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