

INSTALLATION INSTRUCTIONS

LM Scaler Wiring Harness • Part No. A560-2633K

TOOLS NEEDED

Flathead screwdriver (supplied) • Allen wrench (supplied with new knob) • Wrench • Zip ties (supplied)

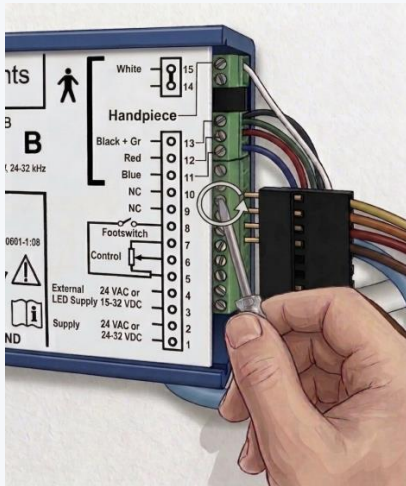
BEFORE YOU BEGIN

Unplug the unit from power before removing or connecting any wiring. Keep it unplugged until the installation is complete.

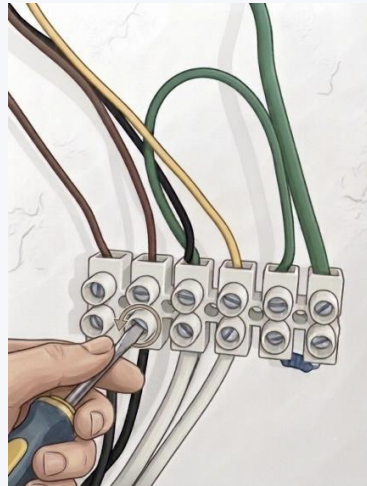
PART 1 — REMOVAL

Step 1 — Disconnect the Wiring

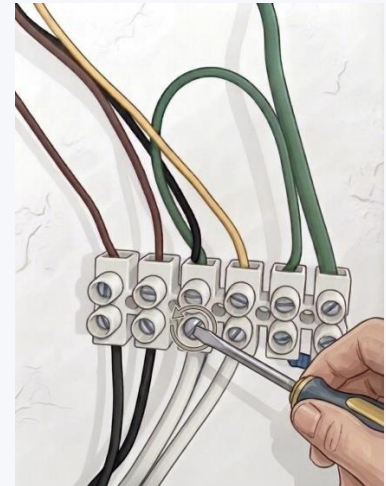
1. Using the supplied flathead screwdriver, disconnect the wiring at the blue module box:
 - **If you are installing a complete scaler kit** Remove all wires from the blue module box.
 - **If you are installing only the wiring harness** Only Remove the black connector.
2. Remove the two black transformer wires from the “Lego-style” wire connector.
3. Remove the two white air switch wires from the same “Lego-style” connector.
4. Unplug the ground wire (green wire) from the power strip. **See wiring diagram on page 3.**



1 — Release the connector at the module box



2 — Remove the black transformer wires

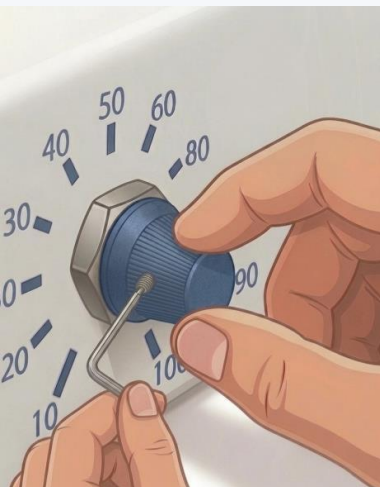


3 — Remove the white air switch wires

Step 2 — Remove the Old Potentiometer

1. Locate the Allen set screw on the potentiometer knob. Using the Allen wrench supplied with the new knob, loosen the set screw and pull the knob straight off the post.
2. With a wrench, unscrew the mounting nut and remove the potentiometer from the unit.

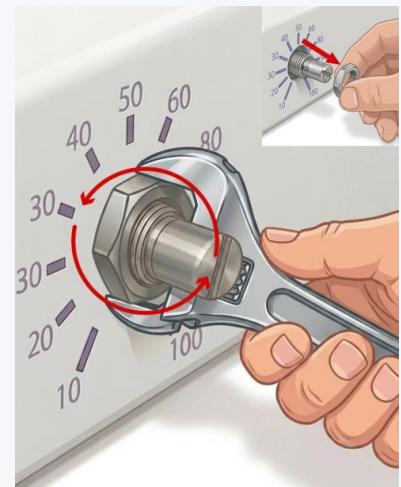
IMPORTANT Save the cut plastic washer from the old potentiometer — it is reused on the new one in Step 3.



1A — Loosen the Allen set screw



1B — Pull the knob off the post

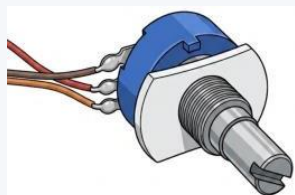


2 — Unscrew the mounting nut

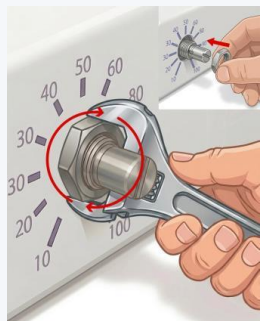
PART 2 — INSTALLATION

Step 3 — Install the New Potentiometer

1. Place the saved plastic washer onto the new potentiometer.
2. Insert the potentiometer into the unit and secure it with the mounting nut.
3. Rotate the knob post **clockwise until it stops**. This sets the post to the **100-intensity** position.
4. Slide the new knob onto the post, align the indicator to **100**, then tighten the Allen set screw.



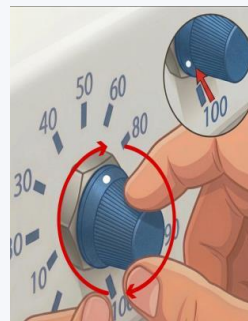
1 — Add the saved washer



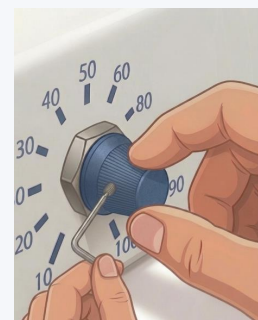
2 — Tighten the nut



3 — Rotate post to the stop



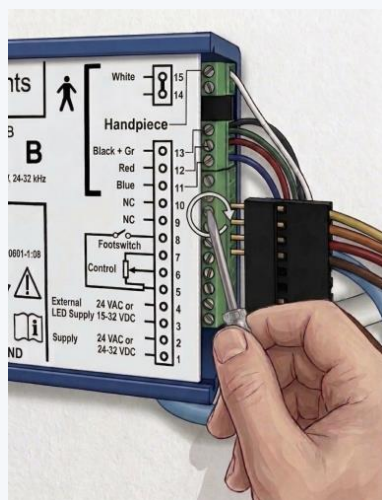
4A — Align knob to 100



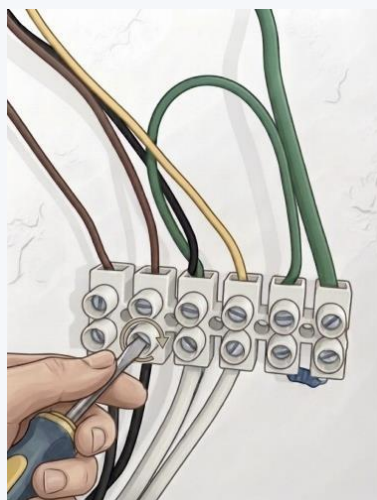
4B — Tighten the set screw

Step 4 — Reconnect the Wiring

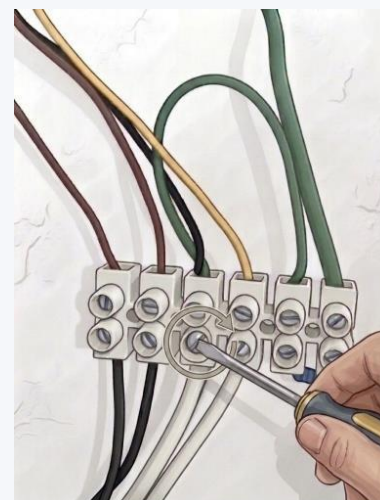
1. Attach all wiring to the blue module box **exactly as shown in the Wiring Diagram on page 3**.
2. Connect the two black transformer wires to the “Lego-style” connector, across from the two brown wires.
3. Connect the two white air switch wires to the “Lego-style” connector.
4. Connect the ground wire (green wire) from the “Lego-style” connector to the power strip **as shown in the wiring diagram on page 3**.



1 — Reseat the connector on the module box



2 — Reconnect the black transformer wires



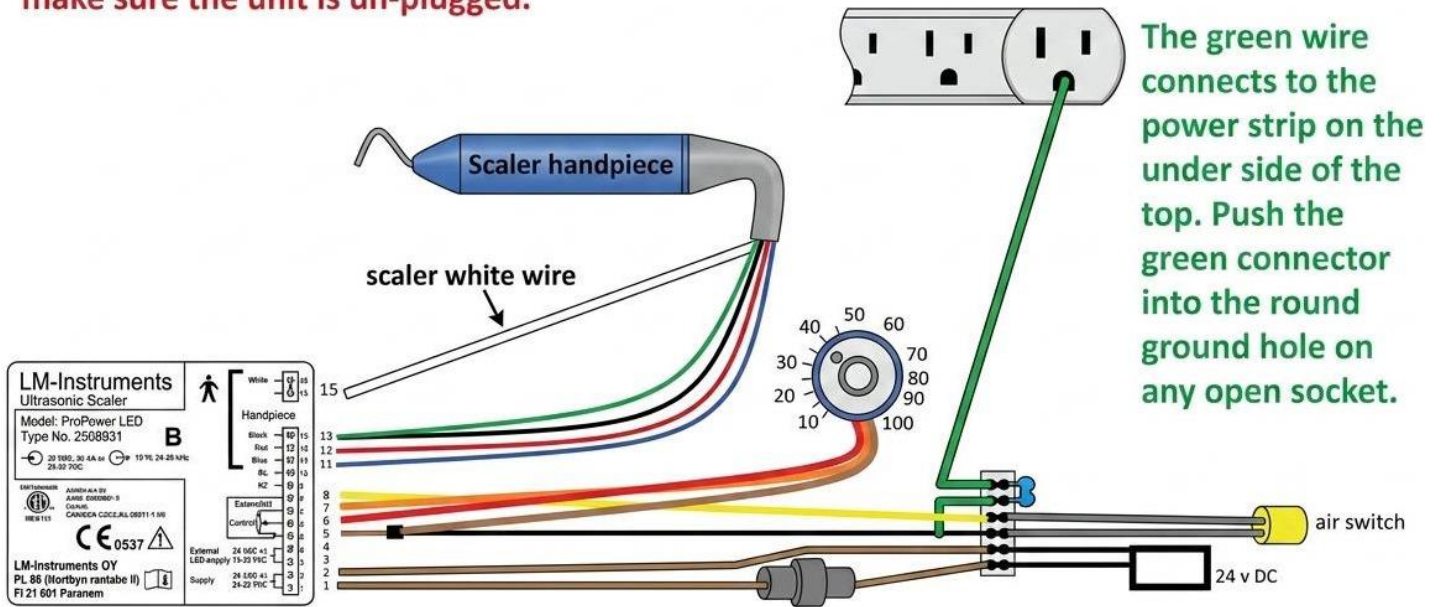
3 — Reconnect the white air switch wires

Step 5 — Finalize the Installation

1. Use the supplied zip ties to tidy and secure all wiring.
2. Confirm every connection is fully seated and the harness is routed cleanly, away from any moving parts.
3. Reconnect power and verify the scaler operates correctly across the intensity range.

WIRING DIAGRAM

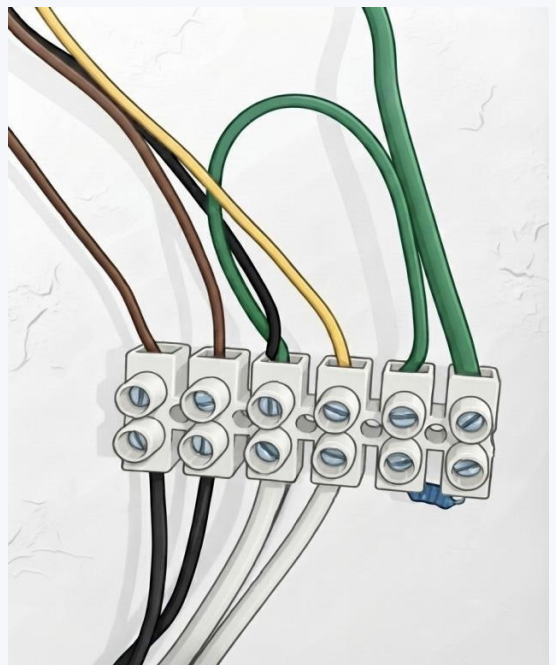
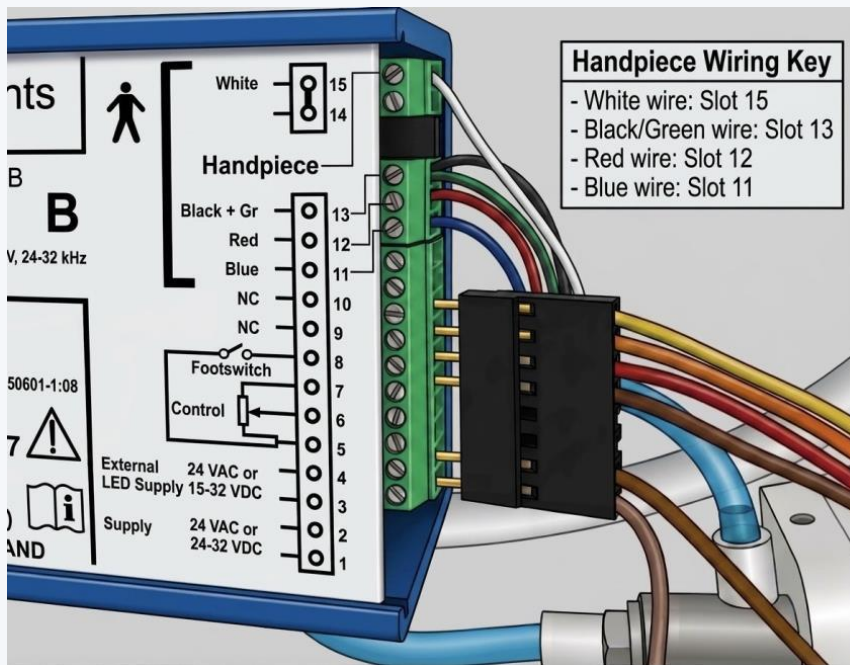
When installing these scaler parts make sure the unit is un-plugged.



Installation

Complete wiring layout — match every connection to this diagram before restoring power.

REFERENCE PHOTOS



Handpiece wiring key — white: slot 15 • black/green: slot 13 • red: slot 12 • blue: slot 11

Completed "Lego-style" connector

Need more help?



(800) 866-6881



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