

More information is available at
www.voltscooter.com

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Voltscooter Electronics
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Warranty

If for any reason this product does not meet your needs, you may return it for a full refund. The warranty will be honored even if the product has been modified by installation. This offer is valid for a minimum of one year from the date of purchase.

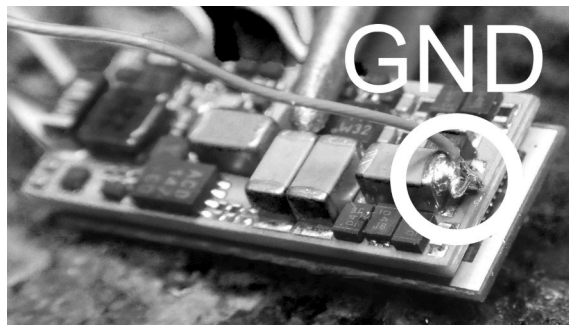
VOLTSCOOTER ELECTRONICS

470uF Keep Alive

- 470uF of capacitance
- 14 Volts maximum voltage with on board protection.
- Expandable by adding external capacitors.
- Smallest size (10mm wide, 7mm long, 4mm tall).
- Compatible with LokSound and Soundtrax PCB-100 booster with no changes before operation. Just program and run when done.

Preparation

1. Locate the U+ connection on your decoder. This is the same connection as the blue wire.
2. Locate the common or ground connection on your decoder. This is often not provided. In this case you will need to find where to make the connection by research.



Installation

1. Solder the U+ decoder connection to the U+ pad on the Keep Alive.
2. Solder the decoder ground connection to the GN pad on the Keep Alive.

Adding Capacitors

1. Solder a wire to the EX connection of the Keep Alive and to your capacitor's + connection. This is usually identified by a white stripe on the end of the capacitor's body.
2. Solder a wire to the GN1 connection of the Keep Alive and to your capacitor's minus connection.

You may daisy chain several more capacitors in parallel to further increase the capacitance.

Suitable capacitors can be ordered from Digikey or Mouser.

TCJ5477M016R0100E

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