

Manuals.plus /

› XWXLIJV /

› XWXLIJV E Bike Controller 48V 800W with Thumb Throttle User Manual

XWXLIJV XWXLIJV

XWXLIJV E Bike Controller 48V 800W with Thumb Throttle User Manual

Model: XWXLIJV

1. INTRODUCTION

This manual provides instructions for the XWXLIJV E Bike Controller 48V 800W, which includes a thumb throttle with digital power display and cruise function. This system is designed to provide stable speed control and sensitive response for electric bicycles, modified electric bicycles, scooters, and tricycles.

The controller features an aluminum alloy housing with grooves for efficient heat dissipation, protecting internal circuits from thermal overload. The thumb throttle is equipped with a portable digital power display for intuitive battery level monitoring and includes a cruise function for enhanced riding convenience.

2. PACKAGE CONTENTS

Verify that all components listed below are included in your package:

- 1 x Controller
- 1 x Thumb Throttle
- 2 x Key
- 5 x Wiring Plug Sleeve
- 10 x Wiring Terminal



Image: All components included in the XWXLIJIV E Bike Controller kit.

3. SETUP AND INSTALLATION

Careful wiring is essential for proper function and to prevent damage to the controller or throttle. Follow the wiring diagram precisely.

3.1 Wiring Instructions

Connect the components according to the provided wiring diagram. It is crucial to match the function line of the control controller correctly. **Do not simply wire based on color alone.** Incorrect wiring can lead to damage to the controller or the throttle handle.

- **Power Supply:** Connect to the main battery power.
- **Charging Port:** For battery charging connection.
- **Electric Door Lock:** Connect to the ignition or power switch.
- **Indicator Light:** For system status indication.
- **Brake:** Connect to the brake levers.
- **Twist Grip (Throttle):** Connect the thumb throttle.
- **Stoptlight:** For brake light connection.
- **Electric Machinery:** Connect to the motor.

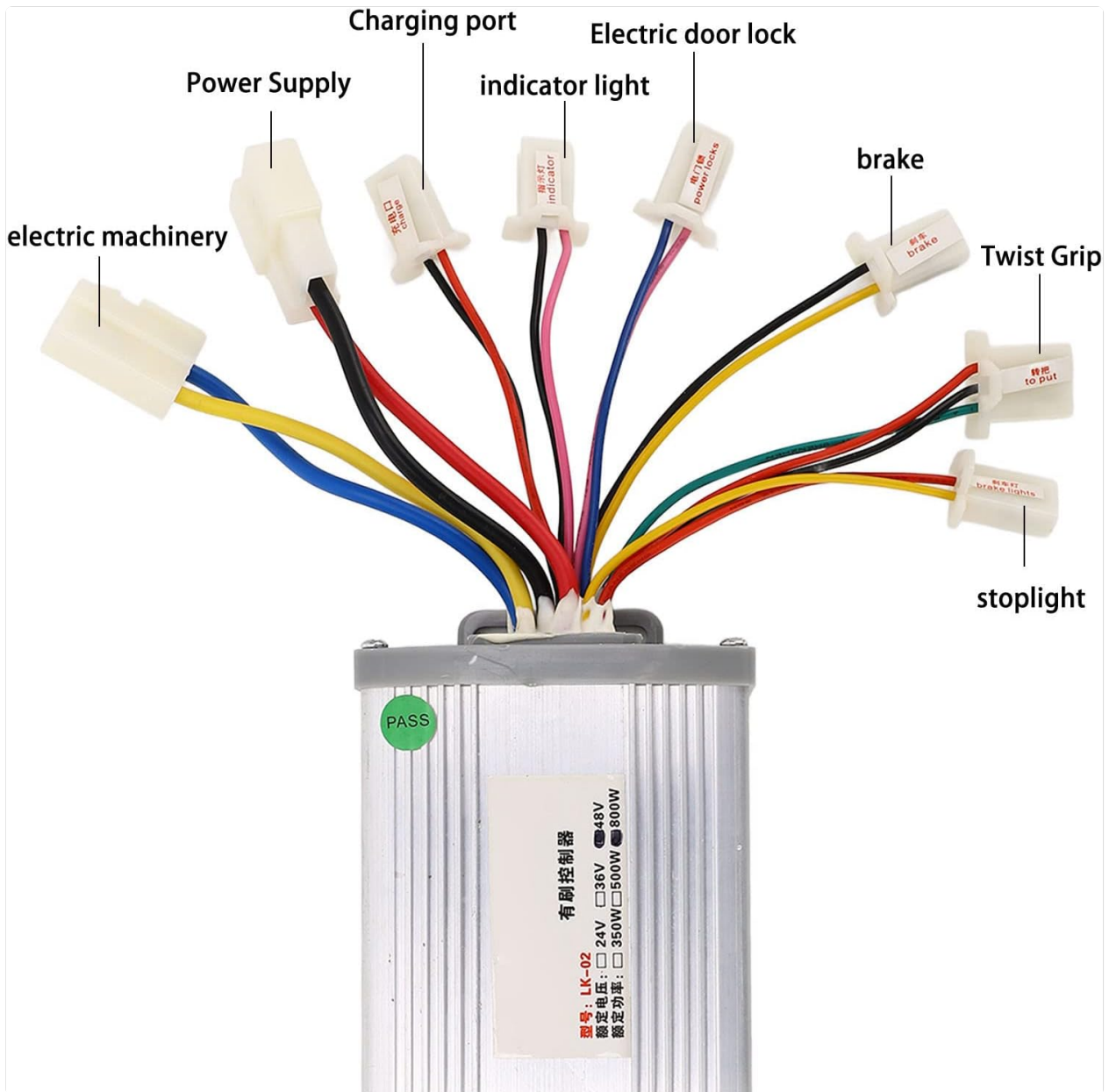


Image: Detailed wiring diagram for the controller connections.

3.2 Thumb Throttle Compatibility

The electric throttle handle is compatible with 12V to 99V electric bicycles, modified electric bicycles, scooters, and tricycles. It supports various battery types, including lithium, water, and dry batteries.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Use the electric door lock (key switch) on the thumb throttle to power the system on or off.

4.2 Throttle Control

The thumb throttle provides sensitive control over acceleration and deceleration, allowing for stable speed adjustments and responsive changes in direction.



Image: Close-up of the thumb throttle with digital display.

4.3 Digital Power Display

The integrated digital display on the thumb throttle provides an intuitive and convenient way to monitor the current battery power level, allowing you to accurately determine remaining power.

4.4 Cruise Function

The system includes a cruise function. Refer to your vehicle's specific instructions or the controller's wiring for activation and usage details, as this may vary based on the overall e-bike system integration.

5. MAINTENANCE

The controller is designed with an aluminum alloy housing featuring grooves to enhance heat dissipation, which helps protect the internal circuit from thermal overload. This design contributes to the longevity and stable operation of the device.

For general maintenance, regularly inspect all wiring connections to ensure they are secure and free from corrosion or damage. Keep the controller and throttle clean and dry. Avoid exposing the components to excessive moisture or extreme temperatures.

6. TROUBLESHOOTING

If the controller or throttle is not functioning correctly, first verify all wiring connections. A common issue arises from incorrect wiring of the function lines. Ensure that connections are made according to the wiring diagram and not solely by wire color, as incorrect connections can cause damage.

If issues persist after checking connections, consult a qualified technician or contact the manufacturer for further assistance.

7. SPECIFICATIONS

Item Type	Electric Bicycle Conversion Kit
Material	Aluminum alloy, rubber, ABS
Controller Type	Brushed controller
Applicable Voltage of Thumb Throttle	12V-99V
Rated Power of Controller	800W
Rated Voltage of Controller	24V
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.76 ounces
Model Number	XWXLIJV

8. WARRANTY AND SUPPORT

Information regarding product warranty and customer support was not provided in the available data. Please refer to the product packaging or contact the manufacturer, XWXLIJV, directly for details on warranty coverage and technical support.