

## 36V Throttle with Cruise Control Button

# Generic 36V Electric Bike Throttle with Cruise Control Button User Manual

Model: 36V Throttle with Cruise Control Button

Compatible with: Jetson JX10 Bolt Pro, Jetson Atlas Fat Tire Electric Bike, DYU C3, DYU C4 Ebike

## 1. INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your Generic 36V Electric Bike Throttle with Cruise Control Button. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: Generic 36V Electric Bike Throttle with Cruise Control Button. This image shows the throttle grip with integrated control unit and wiring, alongside a compatible electric bike.

## 2. PRODUCT FEATURES

- **Voltage:** 36V compatibility.
- **Material:** Constructed from durable ABS Plastic.
- **Connector:** Black, 6-wire and 6-pin connector for secure attachment.
- **Display:** Features 4 power indicators to monitor battery level.
- **Cable Length:** Approximately 130cm (51.2 inches) for flexible routing.
- **Additional Functionality:** Includes a dedicated cruise control button.
- **Throttle Response:** Designed for precise and sensitive throttle response.



Figure 2: Side view of the 36V throttle, highlighting the integrated cruise control button and power indicators.



Figure 3: Close-up view showing the '36V' marking on the throttle unit, confirming its voltage specification.

### 3. SETUP AND INSTALLATION

Installation of the 36V Electric Bike Throttle is designed to be straightforward. Ensure your electric bike is powered off before beginning any installation or maintenance.

#### 3.1 Compatibility Check

This throttle is specifically designed for 36V electric bike systems. It is compatible with models such as Jetson JX10 Bolt Pro, Jetson Atlas Fat Tire Electric Bike, and DYU C3 C4 Ebike. Verify your bike's voltage and connector type before proceeding.

#### 3.2 Connecting the Throttle

1. Locate the existing throttle connection on your electric bike.

2. Carefully disconnect the old throttle, if applicable.
3. Connect the new 36V throttle's 6-pin connector to the corresponding port on your bike's wiring harness. Ensure a secure and firm connection.
4. Mount the throttle grip onto the handlebar.



Figure 4: Detailed view of the 6-pin connector, illustrating the wiring for proper connection.

### 3.3 Installation Video Guide

For a visual guide on installation and features, please refer to the following video:

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Video 1: Installation and Feature Overview of the 36V Throttle with Cruise Control Button. This video demonstrates the physical attributes and connection process of the throttle.

## 4. OPERATING INSTRUCTIONS

### 4.1 Throttle Operation

To engage the electric assist, gently twist the throttle grip. The amount of twist directly corresponds to the power output and speed. Release the throttle to reduce power or stop.

## 4.2 Cruise Control Function

The integrated cruise control button allows you to maintain a consistent speed without continuously twisting the throttle. To activate, reach your desired speed and press the cruise control button. To deactivate, lightly tap the brake lever or twist the throttle again.

## 4.3 Power Indicators

The throttle unit features 4 power indicators. These lights provide a visual representation of your electric bike's battery charge level. Monitor these indicators to plan your rides and avoid unexpected power loss.

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Video 2: Rendrox 36V Ebike Throttle Display Accelerator Grip Set. This video showcases the throttle's display and accelerator functions.

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Video 3: Leaptrend 36V Electric Bike Throttle Cruise Control Button. This video demonstrates the cruise control feature and overall throttle usage.

# 5. MAINTENANCE

To ensure the longevity and optimal performance of your throttle, regular maintenance is recommended:

- Keep the throttle grip clean and free from dirt and debris. Use a damp cloth for cleaning.
- Periodically check the wiring and connectors for any signs of wear, damage, or loose connections.
- Ensure the throttle mechanism operates smoothly without sticking.
- Avoid exposing the throttle to extreme temperatures or prolonged direct sunlight.

# 6. TROUBLESHOOTING

If you experience any issues with your 36V Electric Bike Throttle, consider the following:

- **No Power/No Response:** Check all cable connections to ensure they are secure. Verify the bike's battery is charged and properly connected.
- **Intermittent Operation:** Inspect the wiring for any visible damage or frayed sections. Ensure the connector pins are not bent or corroded.
- **Throttle Sticking:** Clean the throttle grip and surrounding area to remove any obstructions. Ensure the grip rotates freely.

If problems persist, it is recommended to consult with a qualified electric bike technician. The manufacturer also offers technical guidance; refer to the support section for contact information.

# 7. SPECIFICATIONS

| Feature                 | Specification  |
|-------------------------|--|
| Bike Type Compatibility | Electric Bike (Jetson JX10 Bolt Pro, Jetson Atlas Fat Tire, DYU C3 C4 Ebike) |
| Brand                   | Generic  |
| Color                   | Black  |

|                           |                                   |
|---------------------------|-----------------------------------|
| Material                  | ABS Plastic                       |
| Connector                 | Black, 6 wire and 6 pin           |
| Display                   | 4 power indicators                |
| Cable Length              | Approximately 130cm (51.2 inches) |
| Additional Features       | Cruise Control Button             |
| Item Weight               | 140 Grams                         |
| Style                     | Digital Display                   |
| Bicycle Gear Shifter Type | Twist Grip                        |
| Electric Assist Type      | Throttle                          |
| Item Package Dimensions   | 5.9 x 3.9 x 2.3 inches            |
| Package Weight            | 6.56 ounces                       |
| Date First Available      | March 12, 2025                    |

## 8. WARRANTY AND SUPPORT

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The product comes with a Limited Warranty. For specific details regarding warranty coverage, please refer to the product packaging or contact the seller directly.

Our store provides professional technical assistance. If you require any maintenance technical guidance or have questions, please contact us. We aim to respond as soon as possible.

For additional support, you may find the following videos helpful:

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Video 4: 36V Throttle Fits for Jetson JX10 Bolt Pro Jetson Atlas Fat Tire DYU C3 C4 Ebike. This video provides further insights into the throttle's compatibility and features.

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Video 5: 36V EBike Throttle Grip Fits for Dyu D3F. This video demonstrates the throttle grip's application on a Dyu D3F ebike.

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Video 6: 36V Throttle with Cruise Control Button. This video offers another perspective on the throttle's features and functionality.

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Video 7: 36V Throttle Grip. This short video provides a quick overview of the 36V throttle grip.