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AiAigpt A10 turn signal

AiAigpt A10 Turn Signal and LED Rear Light for Electric Scooters

Model: A10 turn signal

1. Introduction

This manual provides instructions for the installation, operation, and maintenance of the AiAigpt A10 Turn Signal and LED Rear Light accessory for electric scooters. This accessory is designed to enhance rider visibility and safety by providing both a rear light and turn signal functionality, compatible with M365/M365 Pro/Pro2 models.

2. Safety Information

- Always ensure the scooter is powered off before attempting installation or maintenance.
- Verify all connections are secure to prevent electrical shorts or disconnections during operation.
- Do not modify the product or its wiring, as this may void the warranty and create safety hazards.
- Regularly check the functionality of the rear light and turn signals before each ride.
- This product is an accessory to enhance visibility; it does not replace safe riding practices.

3. Package Contents

Please verify that all components are present in your package:

- 1x Taillight / Brake Light Unit
- 1x Steering Handle Control Unit
- Installation Accessories (mounting plates, screws, wiring harness)



Figure 3.1: Overview of the complete set, showing the taillight/brake light unit, the steering handle control, and various installation accessories like mounting plates and screws.

4. Setup and Installation

Follow these steps to install your AiAigpt A10 Turn Signal and LED Rear Light accessory:

1. **Mounting the Taillight/Brake Light Unit:**
   Secure the taillight unit to the rear fender of your electric scooter using the provided mounting plates and screws. Ensure it is firmly attached and positioned for maximum visibility. Refer to Figure 4.1 for typical mounting location.



Figure 4.1: The turn signal lamp mounted on the rear fender, showing its position and visibility.

2. **Mounting the Steering Handle Control Unit:**
   Attach the steering handle control unit to your scooter's handlebar. Position it within easy reach of your thumb for convenient operation. The unit is designed to fit standard handlebar diameters. Refer to Figure 4.2 for an example of the control unit.



Figure 4.2: The turn signal unit and its handlebar control, illustrating their relative positions and the scooter compatibility.

3. **Wiring Connections:**
   Connect the taillight unit to the steering handle control unit using the provided wiring harness. Ensure all connectors are securely plugged in. Route the cables neatly along the scooter frame, securing them with cable ties if necessary, to prevent interference with moving parts or accidental damage.

5. Operating Instructions

The AiAigpt A10 accessory provides both turn signal and brake light functions:

- **Turn Signals:** Use the buttons on the steering handle control unit to activate the left or right turn signal. Press the corresponding button (Left or Right) to indicate your intended direction. Press the button again to deactivate the signal. Refer to Figure 5.1 for control operation.



Figure 5.1: The steering handle control, showing the left and right buttons for activating turn signals.

- **Brake Light:** The taillight unit functions as a brake light, illuminating brightly when the scooter's brakes are applied. This provides additional warning to traffic behind you. Refer to Figure 5.2 for brake light functionality.



Figure 5.2: The rear unit displaying both turn signal and brake light functions, enhancing visibility from behind.

6. Maintenance

- **Cleaning:** Wipe the light unit and control unit with a soft, damp cloth to remove dirt and dust. Do not use abrasive cleaners or solvents.
- **Connection Check:** Periodically inspect all wiring connections to ensure they remain secure and free from corrosion.
- **Damage Inspection:** Check the lens and housing for any cracks or damage that could compromise water resistance or light output.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Lights not illuminating	Loose wiring connection Power issue from scooter Damaged unit	Check all wiring connections. Ensure scooter power is on and functional. Contact customer support if unit is damaged.
Turn signals not responding	Faulty control unit Wiring issue	Check connections to the control unit. If problem persists, contact customer support.
Brake light not activating	Brake sensor issue on scooter Wiring issue	Ensure scooter's brake system is functioning correctly. Check wiring connections related to brake signal.

8. Specifications

Feature	Detail
Model Number	A10 turn signal
Brand	AiAigpt
Light Source Type	LED
Vehicle Service Type	Electric Scooter (Compatible with M365/365PRO)
Auto Part Position	Rear Outer
Lens Colour	Yellow
Lens Material	Polycarbonate
Special Feature	Super Bright LED, Rechargeable & Eco-Friendly
Parcel Dimensions	14 x 10.49 x 4.09 cm
Item Weight	90.72 g (0.2 Pounds)
UPC / GTIN	085353607229

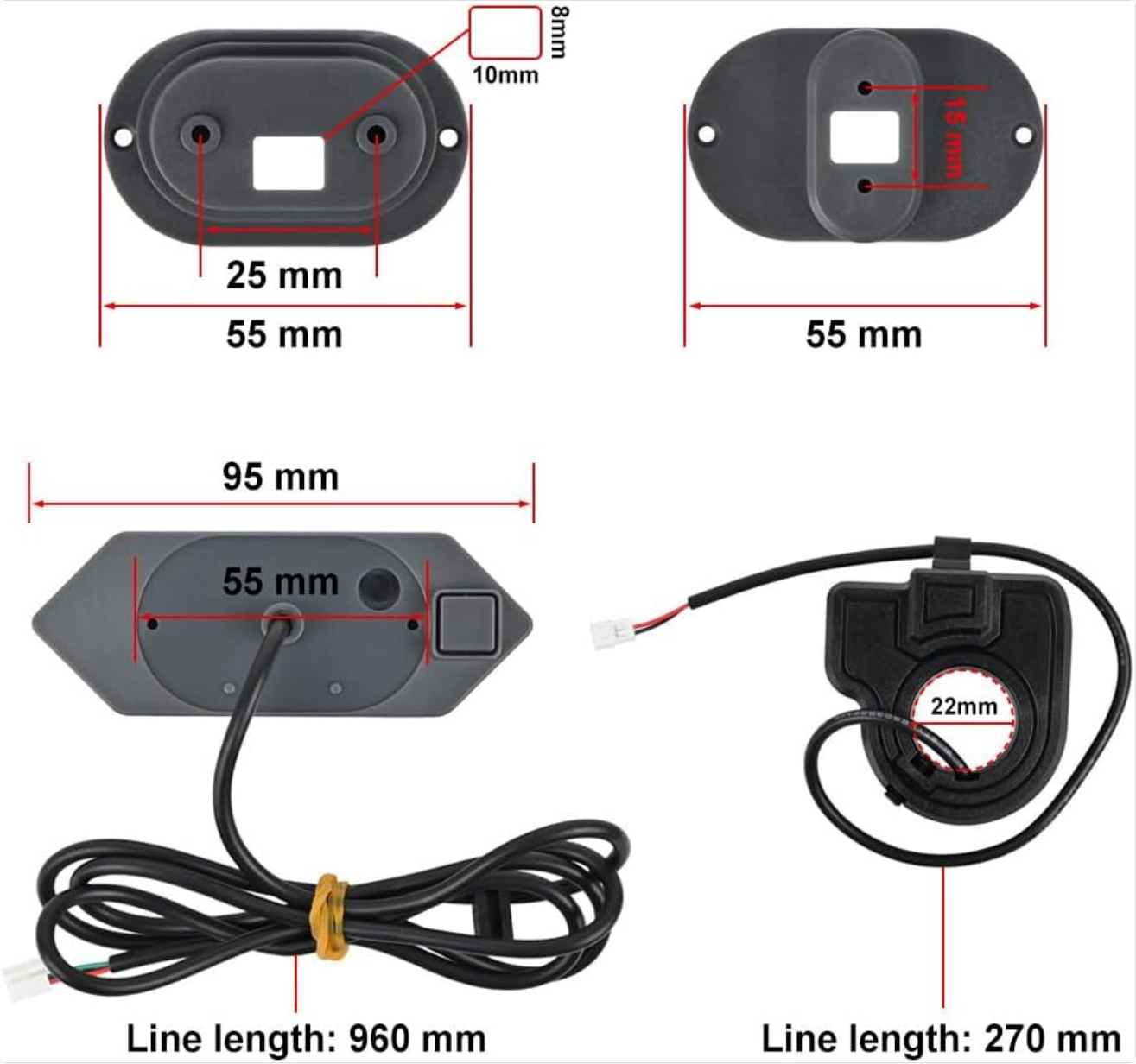


Figure 8.1: Dimensional drawing of the taillight unit and steering handle control, showing key measurements in millimeters.

9. Warranty and Support

Warranty information for the AiAigpt A10 Turn Signal and LED Rear Light accessory is not provided in this document. For specific warranty details or technical support, please refer to the product packaging or contact the manufacturer directly.

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