

Andoer L4 PRO

Andoer L4 Pro Motorized Camera Slider User Manual

Model: L4 PRO

Introduction	Safety Information	Package Contents	Product Overview	Setup
Operating Instructions	Maintenance	Troubleshooting	Specifications	

1. INTRODUCTION

Thank you for purchasing the Andoer L4 Pro Motorized Camera Slider. This compact and versatile auto dolly is designed to provide smooth, stable, and dynamic video shots for various applications, including time-lapse, macro, and low-angle filming. Its wireless remote control and adjustable speed settings offer enhanced flexibility for creative videography. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.

Pocket Size!



Figure 1.1: The Andoer L4 Pro Motorized Camera Slider, showcasing its compact and portable design, easily fitting into the palm of a hand.

## 2. SAFETY INFORMATION

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Please read all safety instructions carefully before using the Andoer L4 Pro. Failure to follow these guidelines may result in damage to the product or personal injury.

- Do not expose the device to water or excessive moisture.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or modify the device. Repairs should only be performed by authorized personnel.
- Use only the specified charging cable and power adapter.
- Ensure the device is placed on a flat, stable surface during operation to prevent tipping and damage to attached equipment.
- Do not exceed the maximum load capacity of 5 kg (11 lbs).

- Keep out of reach of children.

### 3. PACKAGE CONTENTS

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

- Andoer L4 Pro Motorized Camera Slider (Auto Dolly)
- Wireless Remote Control
- Mini Ball Head Adapter (with 1/4" and 3/8" screws)
- USB Charging Cable
- Hex Key (for wheel adjustment)
- Spare O-ring
- User Manual



Figure 3.1: All components included in the Andoer L4 Pro package, laid out for inspection.

## 4. PRODUCT OVERVIEW

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Familiarize yourself with the main components of the Andoer L4 Pro Motorized Camera Slider.



Figure 4.1: Main components of the Andoer L4 Pro system, showing the motorized dolly, wireless remote, and mini ball head adapter.



Figure 4.2: Various views of the Andoer L4 Pro, highlighting its design and adjustable wheel angles for different movement paths.

## 4.1 Dolly Components

- **Main Body:** Houses the motor, battery, and control electronics.
- **Wheels:** Three wheels, two of which are adjustable for curved paths.
- **Mounting Screws:** 1/4" and 3/8" screw holes on top for attaching cameras, ball heads, or smartphone holders.
- **USB Port:** For charging the internal battery.
- **Power Switch:** ON/OFF switch.
- **Speed Indicator:** LED lights indicating the current speed setting.





Figure 4.3: Detailed view of the dolly's top mounting points (1/4" and 3/8") and side controls (USB port, ON/OFF switch).

## 4.2 Remote Control Components

- **Start/Pause Button:** Initiates or pauses movement.
- **Speed Adjustment Buttons (+/-):** Increases or decreases the dolly's speed.
- **Direction Change Button:** Reverses the dolly's direction.
- **Power/Remote Control Indicator Light:** Shows remote status and power.

# Wireless Control & Separate Keys

3 speeds adjustable (2.4cm/s ,2.6cm/s ,2.8cm/s)



Power and Remote control indicator light



Figure 4.4: Overview of the wireless remote control and its functions, including the effective control distance of 6 meters (19.7 feet).

## 5. SETUP

### 5.1 Charging the Dolly

Before first use, fully charge the dolly's internal battery.

1. Locate the USB charging port on the side of the dolly.
2. Connect the provided USB charging cable to the dolly and a standard USB power adapter (not included) or a computer USB port.
3. The charging indicator light will illuminate during charging and turn off when fully charged. A full charge takes approximately 2-3 hours and provides up to 6 hours of operation.



Figure 5.1: Information on the dolly's built-in 1800mAh rechargeable battery, indicating up to 6 hours of battery life and USB charging capability.

## 5.2 Attaching Your Camera or Smartphone

The dolly is compatible with various cameras, camcorders, and smartphones.

1. Screw the mini ball head adapter onto the 1/4" or 3/8" mounting screw hole on top of the dolly. Ensure it is securely tightened.
2. Attach your camera or smartphone holder (not included) to the ball head adapter.
3. Adjust the angle of your camera/smartphone using the ball head. Ensure the setup is balanced and does not exceed the maximum load capacity of 5 kg (11 lbs).

## 5.3 Adjusting Wheel Angles for Movement Paths

The front two wheels can be adjusted to create straight or curved paths.

- **For Straight Line Movement:** Ensure all three wheels are aligned straight. Use the hex key to loosen the wheel locking screws, adjust the wheels to be parallel with the main body, and then tighten the screws.
- **For Circular Movement:** Loosen the locking screws on the front two wheels. Angle them inwards or outwards to achieve the desired curve radius. Ensure both front wheels are set to the same angle for a smooth circle. Tighten the screws firmly.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Powering On/Off

- To power on the dolly, slide the ON/OFF switch to the "ON" position.



- To power off, slide the switch to the "OFF" position.

## 6.2 Using the Wireless Remote Control

The remote control allows for convenient operation from a distance of up to 6 meters (19.7 feet).

1. **Start/Pause:** Press the **Play/Pause** button (▶||) to start or pause the dolly's movement.
2. **Speed Adjustment:** Press the +/- buttons to cycle through the three available speeds: 2.4 cm/s, 2.6 cm/s, and 2.8 cm/s. The LED indicators on the dolly will show the current speed.
3. **Direction Change:** Press the **Direction** button (curved arrow) to reverse the dolly's direction of travel.

## 6.3 Movement Modes

- **Straight Line Movement:** With wheels adjusted for straight travel, the dolly will move in a linear path. This is ideal for tracking shots.
- **Circular Movement:** By angling the front wheels, the dolly can perform smooth circular or arc movements. This is useful for orbiting subjects or creating dynamic panoramic shots.

# Auto Video Slider

Circle Movement



Straight Line Movement  
Move to Opposite Direction



Figure 6.1: Illustration of the dolly's capabilities for both circular and straight-line movements, achieved by adjusting the wheel angles.



Figure 6.2: The Andoer L4 Pro in action, demonstrating its use with both a camera and a smartphone for dynamic video capture.

## 7. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your Andoer L4 Pro.

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the dolly in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, charge the battery to approximately 50% every three months to preserve battery health.
- **Wheel Inspection:** Periodically check the wheels for debris or wear. Clean them as needed to ensure smooth operation.

## 8. TROUBLESHOOTING

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If you encounter issues with your Andoer L4 Pro, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Dolly does not move.	Power switch is OFF. Battery is depleted. Remote control battery is low or not paired.	Slide power switch to ON. Charge the dolly's battery. Replace remote control battery (if applicable) or ensure it's within range.
Movement is not smooth or stops intermittently.	Surface is uneven. Wheels are dirty or obstructed. Load exceeds maximum capacity. Battery is low.	Use on a flat, smooth surface. Clean the wheels and remove any obstructions. Reduce the weight of the attached equipment. Charge the dolly's battery.
Dolly does not follow a straight or perfect circular path.	Wheels are not properly aligned. Surface is not perfectly flat.	Re-align the wheels carefully using the hex key. Ensure the operating surface is as flat and smooth as possible.
Remote control is unresponsive.	Out of range. Remote control battery is low. Interference.	Move closer to the dolly (within 6 meters). Replace the remote control battery. Move away from sources of strong electromagnetic interference.

## 9. SPECIFICATIONS

Brand	Andoer
Model	L4 PRO
Compatible Devices	Camera, Mobile Phone
Product Dimensions (L x W x H)	12.2 x 10.6 x 3.8 cm (4.8 x 4.2 x 1.5 inches)
Item Weight	495 Grams (1.09 lbs)
Max. Load Capacity	5 kg (11 lbs)
Battery Type	Built-in 1800mAh Rechargeable Battery
Max. Battery Life	Up to 6 hours
Charging Method	USB Rechargeable
Wireless Control Distance	Up to 6 meters (19.7 feet)
Adjustable Speeds	3 speeds (2.4 cm/s, 2.6 cm/s, 2.8 cm/s)

Material	Aluminum Alloy
UPC	799410730064

## 10. WARRANTY AND SUPPORT

Andoer products are designed and manufactured to the highest quality standards. For warranty information and technical support, please refer to the warranty card included in your package or visit the official Andoer website. Please retain your proof of purchase for any warranty claims.

For further assistance, please contact Andoer customer support through their official channels.

