

SMALLRIG 4295

SmallRig Wireless Handwheel Controller (Lite) User Manual

Model: 4295

INTRODUCTION

This user manual provides comprehensive instructions for the SmallRig Wireless Handwheel Controller (Lite) 4295. Designed for precise and streamlined control of camera lenses, this device enhances your shooting efficiency with features like one-click A/B marking and extended battery life. Please read this manual thoroughly before operating the device to ensure proper usage and optimal performance.



Image: The SmallRig Wireless Handwheel Controller (Lite) 4295, showcasing its compact design and control dial.

Safety Information

To prevent damage to the product or injury to yourself or others, please observe the following safety precautions:

- Do not disassemble or modify the device.
- Keep the device away from water and other liquids.
- Avoid extreme temperatures and direct sunlight.
- Use only the specified charging cable and power source.
- Store the device in a dry, cool place when not in use.

Package Contents

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

- Wireless Handwheel Controller × 1
- USB-C to USB-C Cable × 1
- Operating Instruction × 1
- User Manual × 1
- Warranty Card × 1

In the Box

ID: 4295

Wireless Handwheel Controller × 1

USB-C to USB-C Cable × 1

Operating Instruction × 1

User Manual × 1

Warranty Card × 1



Specifications

Product Dimensions

74.5 × 74.5 × 53 mm /
2.93 × 2.93 × 2.09in

Product Weight

163g ± 5g / 5.75 ± 0.18oz

Material(s)

Silicone, Aluminum Alloy, ABS, PC, Stainless Steel

Image: Visual representation of the items included in the product box, such as the handwheel controller, USB-C cable, and documentation.

PRODUCT OVERVIEW

The SmallRig Wireless Handwheel Controller (Lite) 4295 is designed for intuitive and precise focus control. It features a durable, anti-slip, and anti-sweat silicone material for comfortable handling and excellent damping feel.

Key Features:

- **One-Click A/B Marking:** Easily set and recall A/B focal points.
- **Extended Battery Life:** Built-in 1400mAh battery provides up to 21 hours of operation.

- **Streamlined Control:** Intuitive light indicators for connection status and channels.
- **Memory Storage Function:** Retains calibration and A/B point settings even after power loss.
- **Ergonomic Design:** Silicone-coated grip for precise and stable focusing.

Wireless Handwheel Controller Lite

- One-Touch Operation
- Enhanced Focus Precision
- Extended Battery Life

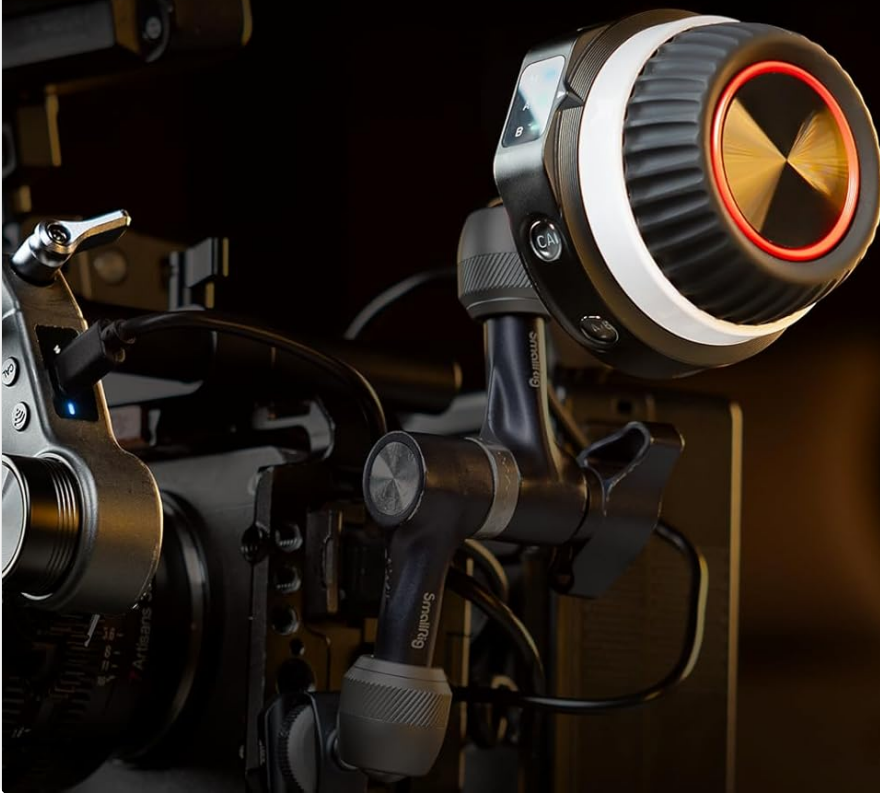
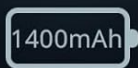


Image: The handwheel controller with text overlays indicating "One-Touch Operation," "Enhanced Focus Precision," and "Extended Battery Life."

All-Day Battery Life



**Built-in
1400mAh battery**



**Up to 21H
Battery Life**



**Charging with
USB-C port**

Image: An illustration showing the internal 1400mAh battery, indicating up to 21 hours of battery life and USB-C charging capability.

SETUP

1. Charging the Device

Connect the provided USB-C to USB-C cable to the charging port on the Handwheel Controller and to a suitable USB power adapter. The device is equipped with a built-in 1400mAh battery for long-lasting power.

2. Pairing with Receiver Motor

The Handwheel Controller (ID: 4295) is designed to work with the FIZ Wireless Receiver Motor (ID: 3263) or Wireless Receiver Motor (ID: 4297), which are sold separately. Ensure both devices are powered on.

- The Handwheel Controller features light indicators for connection status and channels.
- Blue light (F00-1) and green light (F15-1) indicate compatibility with the FIZ Wireless Receiver Motor (ID: 3263).
- When the Handwheel Controller and Receiver Motor lights (blue and green) match, it indicates a successful

Streamlined Control

The unified light indicators and auto sync enhance user-friendly control



Automatic
Pairing

CAL

Single-Touch
Calibration

A/B

Single-Touch
A / B Marking

Wireless Receiver
Motor (ID: 4297
Buy Separately)



Please Note

The packing only includes the Wireless Handwheel Controller (ID: 4295)

Image: An illustration showing the Wireless Handwheel Controller and a Wireless Receiver Motor (ID: 4297) with connection signals, demonstrating automatic pairing and streamlined control.

Greater Compatibility

The blue light (F00-1) and green light (F15-1) are compatible with the FIZ Wireless Receiver Motor (ID: 3263)



Please Note

The packing only includes the Wireless Handwheel Controller (ID: 4295)

Image: A diagram illustrating the compatibility of the handwheel controller's blue (F00-1) and green (F15-1) lights with the MagicFIZ Wireless Receiver Motor (ID: 3263).

OPERATING INSTRUCTIONS

1. One-Click Lens Calibration (A/B Marking)

The Handwheel supports one-click A/B dotting, allowing you to set and adjust appropriate A/B focal lengths according to your shooting needs. This feature is crucial for precise focus pulling.

- Press the **A/B** button to set or clear A/B points.
- The device features a memory storage function, eliminating the need to recalibrate lens travel and A/B point settings in case of power loss, enhancing shooting efficiency.

Flexibly Adjusting A / B Stops



Image: A visual demonstration of setting A and B focus points using the handwheel controller for flexible adjustment.

2. Understanding Light Indicators

The Handwheel 4295 features clear light indicators for intuitive operation:

- **Blue Light (F00-1):** Indicates connection on channel F00-1.
- **Green Light (F15-1):** Indicates connection on channel F15-1.
- **Flashing Red Light:** Indicates low battery or an abnormality. Address any problems promptly.

3. General Usage

The ergonomic design and excellent damping feeling of the handwheel help to control the focal length more accurately and comfortably, providing a better shooting experience. The silicone-coated slip-resistant grip ensures stable operation in various environments.

Streamlined Control

Provide intuitive and easy-to-understand guidance to achieve simple and efficient operation



Image: A user demonstrating the streamlined control of the handwheel controller while operating a camera rig, showing intuitive and efficient operation.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the device. Do not use harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the Handwheel Controller in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery longevity, avoid fully discharging the battery frequently. Charge the device regularly, even if not in active use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device not powering on.	Low battery.	Charge the device using the provided USB-C cable.
Flashing red light.	Low battery or abnormality.	Charge the device. If the issue persists after charging, contact customer support.
Cannot connect to receiver motor.	Receiver motor not powered on or out of range; incorrect channel.	Ensure the receiver motor is powered on and within range. Verify that the light indicators (blue F00-1 or green F15-1) match on both devices for automatic connection.
A/B points not saving.	Possible software glitch or power interruption during setting.	Re-set the A/B points. The device has a memory storage function, so this should be rare. Ensure the device has sufficient power.

SPECIFICATIONS

Feature	Detail
Model Number	4295
Product Dimensions	74.5 mm × 74.5 mm × 53 mm (2.93 in × 2.93 in × 2.09 in)
Item Weight	163 g (5.7 oz)
Battery Capacity	1400mAh
Battery Life	Up to 21 hours
Charging Port	USB-C
Compatible Devices	Cameras (with compatible SmallRig receiver motors)
Materials	Silicone, Aluminum Alloy, ABS, PC, Stainless Steel

WARRANTY AND SUPPORT

SmallRig products come with a standard warranty. For detailed warranty information, product support, or service inquiries, please refer to the warranty card included in your package or visit the official SmallRig website. Keep your purchase receipt for warranty claims.

Manufacturer: SmallRig

Related Documents

TOBY

Shenzhen Toby Technology Co., Ltd.



Report No.: TBR-C-202401-0340-22
Page: 1 of 33

Radio Test Report

FCC ID: 2BC2U-4295
IC: 31675-4295

Tested By
Reviewed By
Approved By

Mike Yan

Head of Testing

Wang Su

Test Engineer

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

TBR-014-1.0

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[pdf] Declaration of Conformity Test Report

Test Report DTS Shenzhen LC Co Ltd 4295 Wireless Remote Controller 2BC2U 2BC2U4295
Shenzhen Toby Technology Co., Ltd. Report No.: TBR-C-202401-0340-22 Page: 1 of 33
Radio Test Report FCC ID: 2BC2U-4295 IC: 31675-4295 Report No. : TBR-C-202401-0340-22
Applicant : Shenzhen LC Co., Ltd Equipment Under Test EUT EUT Name : Wireless Handwheel Controller Model No. : 4295 ...
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