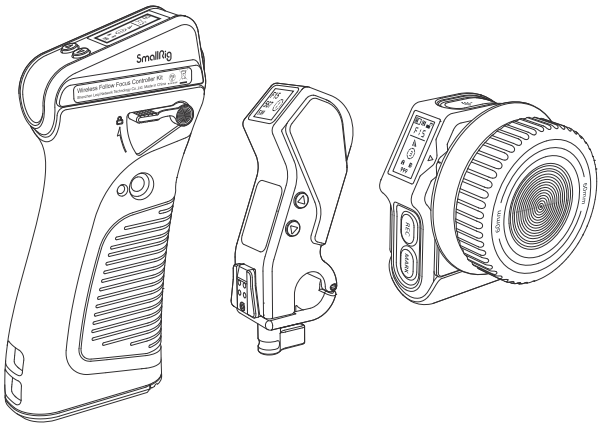
SmallRig



MagicFIZ Wireless Follow Focus System
- User Manual -

无线跟焦系统 – 用户手册

In order to ensure user's safety and prevent the product damages caused by any improper use, please carefully read the "Warnings" below and properly keep this User Manual for future reference.

Foreword

Thank you for purchasing SmallRig's product.

Warnings

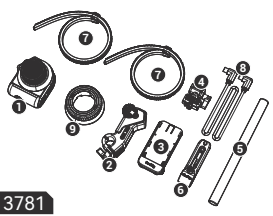
- Please read this User Manual carefully.
- Do not use the product in water because it is not dust or water proof.
- Do not let the product fall to the ground, be hit or suffer violent impact.
- Never remove the non-detachable lithium battery without permission.
- Since there are some hazardous substances in the battery, please do not discard it. Instead, dispose of the product that is damaged or will never be used according to the waste management measures.
- When the battery is not in use for a long time, please charge and discharge the battery each 6-month, and provide it with approximately 60% of the electric quantity to prolong its use life.

Please do not disassemble the product or change its battery. If you have any question, please contact the seller to apply after-sales service.

Intended Use

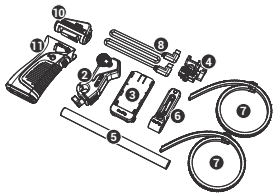
- Please read this User Manual carefully, especially the "Warnings".
- Please use or store the product in the environment mentioned herein.
- It will be regarded as an improper use when the users are not correctly follow the user manual or use the product under the specific working condition.

Kits and Accessories



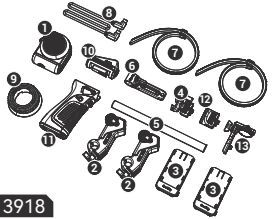
ID: 3781

MagicFIZ Wireless Follow Focus Basic Kit



ID: 3782

MagicFIZ Wireless Follow Focus Handgrip Kit



ID: 3918

MagicFIZ Wireless Follow Focus Two Motor Kit

ID: 4091

Follow Focus Marking Disk (Wooden)

ID: 3266

USB-C to D-Tap Cable

ID: 3268

USB-C to DC Cable

In the Box

ID: 3781

❶ Wireless Handwheel Controller	× 1
❷ Wireless Receiver Motor	× 1
❸ Battery Plate	× 1
❹ Handgrip Adapter	× 1
❺ Φ15mm Rod	× 1
❻ Rod Clamp with NATO Rail	× 1
❼ Snap-on Follow Focus Gear Ring	× 2
❽ USB-C to USB-C Cable	× 1
❾ Follow Focus Marking Disk (Silicone)	× 1
Spanner	× 1
User Manual	× 1
Carrying Bag	× 1

ID: 3782

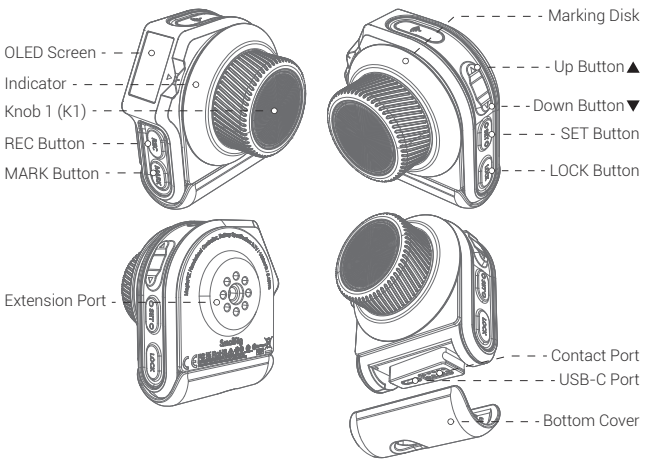
❿ Electronic Controller Module	× 1
❷ Wireless Receiver Motor	× 1
⓫ Wireless Handgrip	× 1
❸ Battery Plate	× 1
❹ Handgrip Adapter	× 1
❺ Φ15mm Rod	× 1
❻ Rod Clamp with NATO Rail	× 1
❼ Snap-on Follow Focus Gear Ring	× 2
❽ USB-C to USB-C Cable	× 1
Spanner	× 1
User Manual	× 1
Carrying Bag	× 1

ID: 3918

❶ Wireless Handwheel Controller	× 1
⓫ Wireless Handgrip	× 1
❿ Electronic Controller Module	× 1
❷ Wireless Receiver Motor	× 2
❸ Battery Plate	× 2
❹ Handgrip Adapter	× 1
⓬ Shoulder Rig Adapter	× 1
⓭ Monitor Adapter	× 1
❺ Φ15mm Rod	× 1
❻ Rod Clamp with NATO Rail	× 1
❼ Snap-on Follow Focus Gear Ring	× 2
❽ USB-C to USB-C Cable	× 1
❾ Follow Focus Marking Disk (Silicone)	× 1
Spanner	× 1
User Manual	× 1
Carrying Bag	× 1

Product Function Description

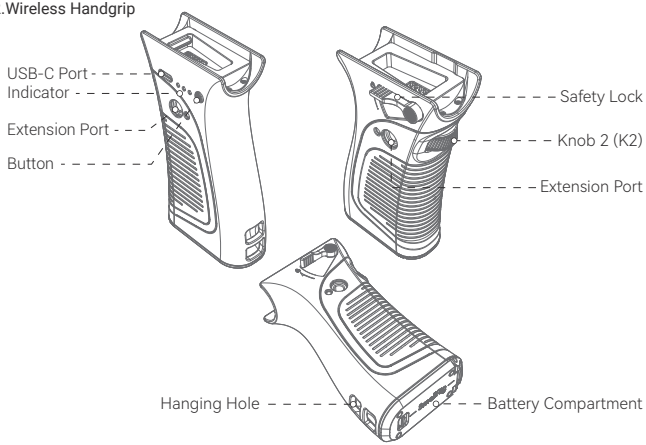
1. Wireless Handwheel Controller



REC Button: 1. REC Recording ON / OFF Function; 2. Machine ON / OFF Function.
MARK Button: 1. A-B Marks; 2. Automatic Lens Calibration.
Up / Down Button: 1. Channel Adjustment; 2. Motor Number Adjustment; 3. Page Up / Page Down.
SET Button: 1. Press and hold the button to enter or exit the current option;
2. Click the button to activate or confirm the current option.
LOCK Button: For preventing misoperation; turn on/off the switch by double click.
Knob 1 (K1): Fine control of Wireless Receiver Motor.

Indicator: Six color display, including red - green - blue - yellow - pink - white.
USB-C Port: Charging and wired communication port.
Contact Port: Charging and communication port.
Extension Port: 1/4"-20 threaded hole.
Marking Disk: Replaceable.

2.Wireless Handgrip



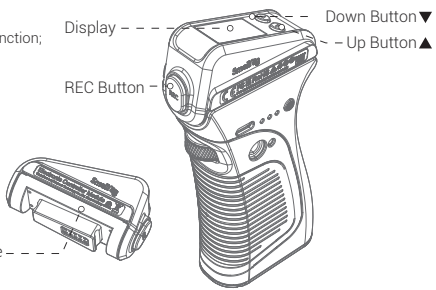
USB-C Port:
1. Charging and discharging; 2. Communication.
Indicator:
Battery level and status display.
Button:
Click to show current battery level.
Safety Lock: For preventing accidental falling off.

Knob2 (K2):
Control Wireless Receiver Motor.
Extension Port:
For connecting with external accessories.
Battery Compartment:
Suitable for LP-E6 battery.
Hanging Hole: For assembling lanyard.

3. Wireless Follow Focus Controller Kit
(Combination of Wireless Handgrip + Electronic Controller Module)

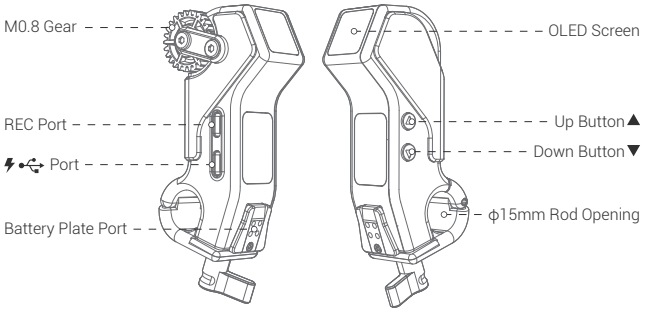
REC Button:
1. REC Recording ON / OFF Function;
2. Machine ON / OFF Function;
3. Confirm.

Up / Down Button:
1. Channel Adjustment;
2. Motor Number Adjustment;
3. Page Up / Page Down.



* The Electronic Controller Module can be used only with the Wireless Handgrip.

4. Wireless Receiver Motor

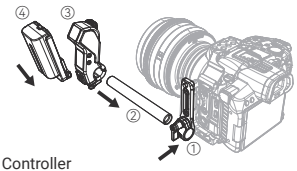


Up / Down Button: 1. Channel Adjustment; 2. Motor Number Adjustment.
REC Port: Connect the camera REC port for wired control.
Port: Power supply and communication Port.
Battery Plate Port: Used with Battery Plate (ID: 3777), compatible with NP-F batteries.

Instruction of Product Installation and Power Supply

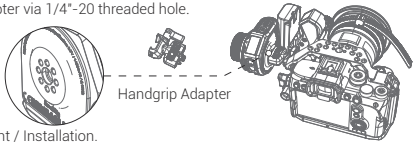
1. Installation Guide for Wireless Receiver Motor

Install the Wireless Receiver Motor on the camera side by use of the included accessories.

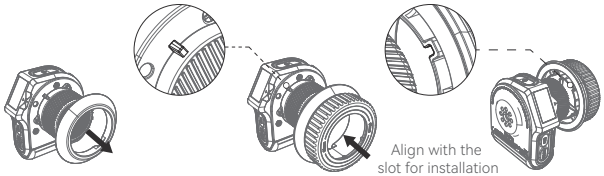


2. Installation Guide for Wireless Handwheel Controller

2.1 Install the Wireless Handwheel Controller on the camera side by use of the Handgrip Adapter via 1/4"-20 threaded hole.

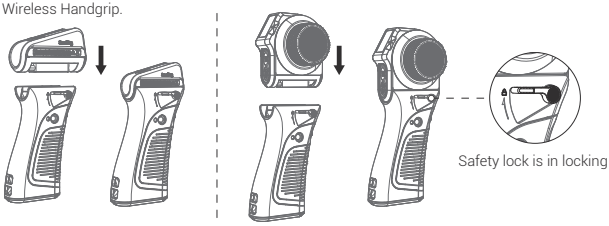


2.2 Marking Disk Replacement / Installation.

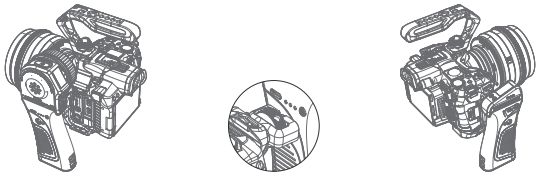


3. Installtion Guide for Wireless Handgrip

3.1 Combined Installation of Electronic Controller Module, Wireless Handwheel Controller, and Wireless Handgrip.



3.2 The Wireless Handgrip is suitable for both left and right hands.

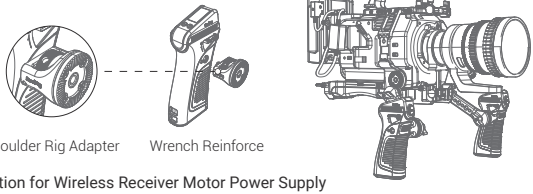


Left hand holding

Handgrip Adapter

Right hand holding

3.3 Installation Guide for Shoulder Rig Adapter, VCT-14 Extension Arm, and ARRI Rosette

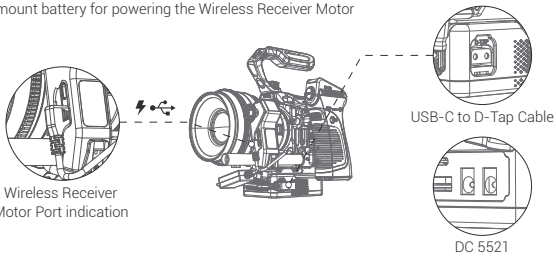


Shoulder Rig Adapter

Wrench Reinforce

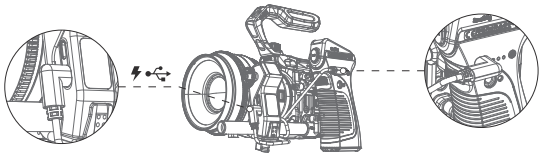
4. Instruction for Wireless Receiver Motor Power Supply

4.1 Use the USB-C to D-Tap Cable (ID: 3266) or USB-C to DC Cable (ID: 3268) to connect the V-mount battery for powering the Wireless Receiver Motor



Wireless Receiver Motor Port indication

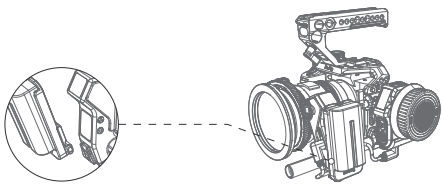
4.2 Use the standard USB-C to USB-C cable to connect the Wireless Handgrip for powering the Wireless Receiver Motor, achieving the cabled control.



Wireless Receiver Motor Port indication

Wired control and power supply of the Wireless Handgrip

4.3 Power the Wireless Receiver Motor through the Battery Plate.

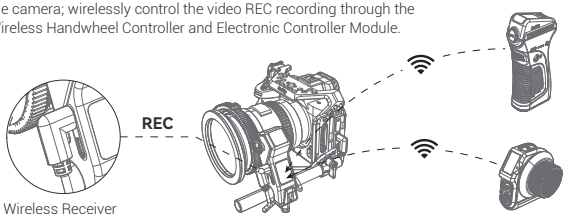


Powered by the Battery Plate Compatible with NP-F batteries

Wired Control of the Wireless Handwheel Controller

5. Instruction for REC Wiring

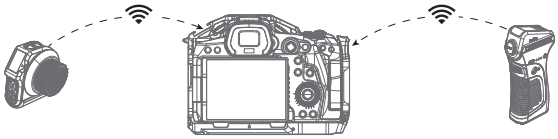
5.1 Connect one end of the control cable with the Wireless Receiver Motor and the other end with the camera; wirelessly control the video REC recording through the Wireless Handwheel Controller and Electronic Controller Module.



Wireless Receiver Motor REC Port

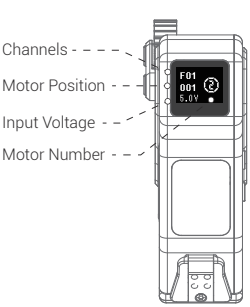
Sony	FUJIFILM	Panasonic	Z CAM
 ID: 2971	 ID: 2970		 ID: 3325
A7, A7R, A7S, A7II, A7RII, A7SII, A7SIII, FX3, A7III, A7RIII, A7 IV, A7R IV, A9, A9 II, A5100, A6000, A6100, A6300, A6400, A6500, A6600, RX100 III, RX100IV, RX100V, RX100 VI, RX100 VII	X-T3, X-T4, X-T20, X-T30	S5, S1, S1R, S1H, BS1H, GH4, GH5, GH5S, GH6, G9, G95	E2, M4, S6 BGH1(Panasonic)

5.2 Directly connect the Wireless Handwheel Controller and Electronic Controller Module with the camera BLE to wirelessly control the REC recording.

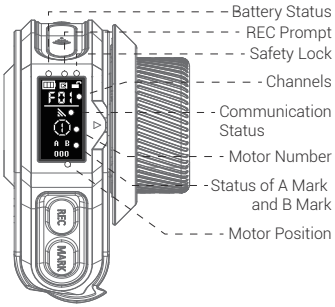


Sony	Canon	Nikon
A7C, A7RIII, A7RIV, A7 IV, FX3, A7SIII, A9, A9 II, RX100 VII, DSC-RX100M7, A6100, A6400, A6600, ZV1, ZV-E10	EOS 90D, EOS M6 Mark II EOS M50, EOS R, EOS R5 EOS RP, G7X Mark III	Z50

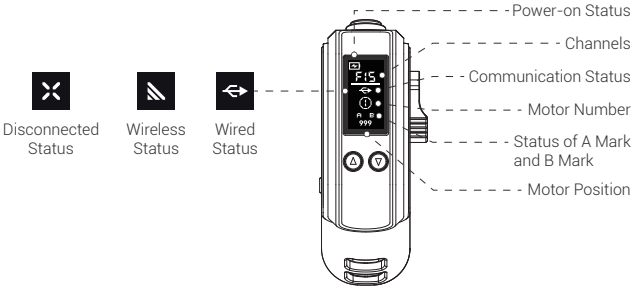
Interface Instruction



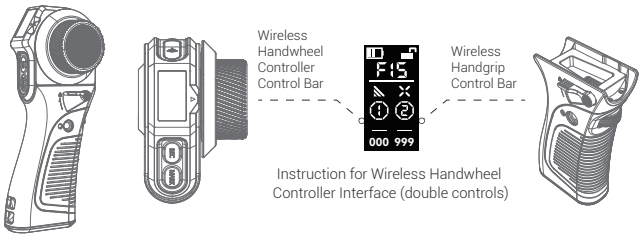
Instruction of Motor Interface



Instruction for Wireless Handwheel Controller Interface (single control)



Instruction for Electronic Controller Module Interface



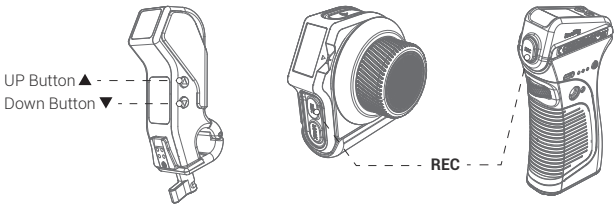
Instruction for Wireless Handwheel Controller Interface (double controls)

Basic Operation

1. ON / OFF Operation

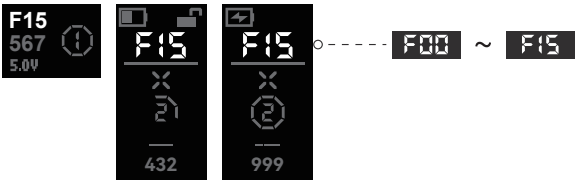
Press and hold the UP / DOWN button to turn on the machine; press both buttons simultaneously to turn off the machine.

Press and hold the **REC** button to turn ON / OFF the machine.



2. Channel Adjustment

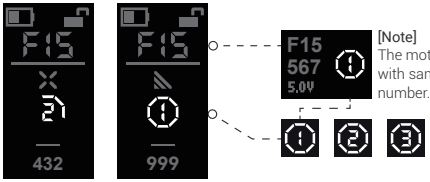
Double click ▲/▼of the Wireless Receiver Motor / Wireless Handwheel Controller / Electronic Controller Module to select the channel.



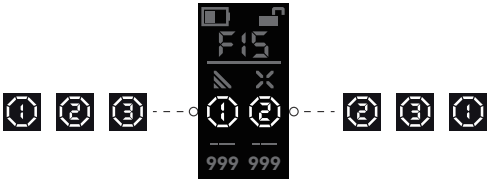
3. Motor Number Adjustment

Wireless Receiver Motor: Press and hold ▲to activate the motor number; click ▲/▼to adjust the number; press and hold ▲to exit.

Wireless Handwheel Controller Single-Display Mode: Click SET "SET" to activate the motor number; click ▲/▼ to adjust the number; press and hold SET "SET" to exit.



Wireless Handwheel Controller Double-Display Mode: Click SET "SET" to activate the motor number and switch the control; click ▲/▼ to adjust the number; press and hold "SET" to exit.

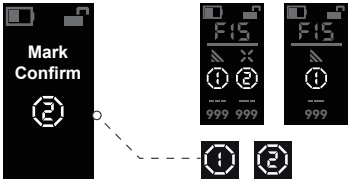


Electronic Controller Module Handgrip Mode: Press and hold ▲ to activate the motor number; click ▲/▼ to adjust the number; press and hold ▲ to exit.

4. Lens Calibration (automatic / manual)

Method 1-1: Automatic lens calibration with the Wireless Handwheel Controller

Press and hold MARK "MARK" to start the calibration; click ▲/▼ to adjust the motor number.



Method 1-2: Manual lens calibration with the Wireless Handwheel Controller

The automatic lens calibration lasts for over 20s, or click MARK "MARK" to switch to manual mode automatically, Click MARK "MARK" to confirm starting point and ending point.

Lens Starting Point

Lens Ending Point

Method 2: Automatic lens calibration with Wireless Receiver Motor

Press and hold ▼ to calibrate the lens automatically;
click ▼ to confirm starting point and ending point.

5. A-B Marks Setting

Wireless Handwheel Controller: Click MARK "MARK", the dotted line jumps; then click A Mark and B Mark for a customized limits; click again to cancel the A-B Marks.

[Note]
For double display mode, click "**MARK**" and then click "**SET**" to switch between the Wireless Handwheel Controller and Wireless Handgrip.

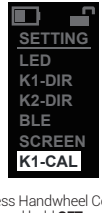
Electronic Controller Module: Click ▲ / ▼ simultaneously and click REC " REC " to set A Mark and B Mark; click ▲ / ▼ simultaneously to cancel the A-B Marks.

6. Reset Calibration

It is required to reset and calibrate the Wireless Handwheel Controller and Wireless Handgrip when:

1. The knob is turned to the end point and the motor is reversed rapidly.
2. The knob is turned to the end point and the non "**000**" or "**999**" position information is shown.

Wireless Handwheel Controller:
Press and hold **SET**,
Select K1-CAL for calibration.



Click **SET** to enter

Turn the knob (K1)
to the end point

Click **SET** to complete the
calibration, so that "**000**"
or "**999**" will be shown.

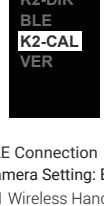
Wireless Handwheel Controller:
Press and hold **SET**,
Select K2-CAL for calibration.

Click **SET** to enter

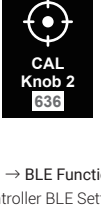
Turn the knob (K2)
to the end point

Click **SET** to complete the
calibration, so that "**000**"
or "**999**" will be shown.

Electronic Controller Module: Press
and hold ▲ / ▼simultaneously,
select K2-CAL for calibration.



Click **REC** to enter



Turn the knob (K2)
to the end point

Click **REC** to complete the
calibration, so that "**000**"
or "**999**" will be shown.

7. BLE Connection

Camera Setting: BLE Setting → BLE Function → On Status → Click to Match.

7.1 Wireless Handwheel Controller BLE Setting:

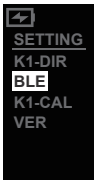
Press and hold **SET** to enter / exit the menu, click ▲ / ▼ to turn pages, click **SET** to enter options

Click **SET**
to start BLE
scanning

Scanning connection is
successful, and camera
confirms the matching

Click ▲ / ▼
to turn off BLE

7.2 Electronic Controller Module BLE Setting:



Press and hold ▲+▼ simultaneously to enter / exit the menu, click ▲ / ▼ to turn pages, click **REC** button to enter options.

Click **REC** button to start BLE scanning

Scanning connection is successful, and camera confirms matching

Click ▲ / ▼ to turn off BLE

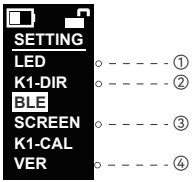
8. Other Operations

① LED: The indicator shows RED → GREEN → BLUE → YELLOW → PINK → WHITE → OFF.

② K1-DIR: Positive and negative rotation switching of the motor controlled by the Wireless Handwheel Controller.

③ SCREEN: Screen inversion display.

④ VER: Version information.



Specifications

Wireless Handwheel Controller		Screen Size	OLED 0.96"
		Battery Specification	3.7V / 1400mAh / 5.18Wh
		Full Battery Life	20h (without light display status)
		Input Voltage	5V ~ 12V
		Operating Current	Approximate 0.14A
		Channels	F00 ~ F15: 16 in total, 3 motor numbers
		Maximum Transmission Distance	≤100m (Ideal Conditions)
		Communication Frequency	2.4000 ~ 2.4835GHz

Wireless Follow Focus Controller Kit		Screen Size	OLED 0.96"
		Applicable Battery Types	LP-E6 / LP-E6N
		Input Voltage	5V ~ 16.8V
		Full Charge Duration	Approximate 1h30min
		Output Power	5V⎓2A 9V⎓2A
		Full Battery Life	Approximate 40h
		Loading Range	≤6kg
		Side Power Display	20% - Red Light, 60% - Green Light, 100% - Green Light

Wireless Receiver Motor		Screen Size	OLED 0.52"
		Peak Torque	0.5N.m
		Input Voltage	5V ~ 16.8V
		Maximum Transmission Distance	≤100m (Ideal Conditions)
		Communication Frequency	2.4000 ~ 2.4835GHz
		Input Voltage of External Battery	7.4V ~ 8.2V
		Compatible Rods	Standard Φ15mm Rod

For more methods, please scan the code for details.

QR code of the Wireless Follow Focus System

QR code of the Wireless Follow Focus product lines

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

[Warning]

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

[Note]

This equipmet has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,uses and can radiate radio frequency energy, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment to an outlet in a different circuit than the receiver is connected to. Consult the dealer or an experienced radio / TV technician for help.

RF Warning Statement

This device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction.

FCC ID: 2AZWI-3262LEQI **FCC ID: 2AZWI-3263LEQI** **FCC ID: 2AZWI-3917LEQI**

ISED Statement

English:This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).
French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada.
L'exploitation est soumise aux deux conditions suivantes :
(1) Cet appareil ne doit pas provoquer d'interférences.
(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.
l'appareil numérique du ciem conforme canadien peut - 3 (b) / nmb - 3 (b). This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.
This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

RF Exposure

The device has been evaluated to meet general RF exposure requirement. The device can be usedin portable exposurecondition without restriction.
L'appareil a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences.
L'appareil peut être utilisé en condition d'exposition portable sans restriction.

IC: 27649-3262LEQI **IC: 27649-3263LEQI** **IC: 27649-3917LEQI**

为了保障使用者的安全以及防止不当使用导致产品损坏，请在使用前仔细阅读本手册的“重要提示”，并妥善保管好手册资料，以备随时查阅。

前言

感谢您购买 SmallRig 产品。

重要提示

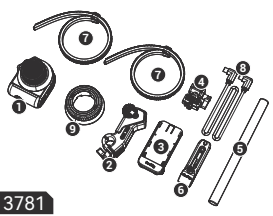
- 请认真阅读本用户手册。
- 请勿在水中使用，本产品不具备防尘、防水功能。
- 请避免让产品受到强烈挤压或大力冲击。
- 本产品含内置式不可拆卸锂电池，严禁擅自拆机。
- 电池内部有少许有害物质，请勿任意丢弃，请将损坏或是不再使用的产品，依照废弃物管理办法回收处理。
- 电池在长时间储存不用时，应在6个月内进行一次充放电维护，并恢复60%左右的带电量，以延长电池的使用寿命。

请勿拆卸产品或更换电池，如果您怀疑产品有任何问题，请联络购买平台，申请售后处理。

设备使用规范

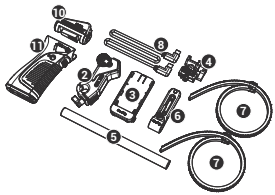
- 请仔细阅读本用户手册，特别是“重要提示”部分。
- 请在本用户手册规定的环境条件下使用或保存本产品。
- 如不按照本用户手册使用产品，或不遵守规定的工作和保存条件，将被视为违规使用。

套装及配件



ID: 3781

无线跟焦系统基础套装



ID: 3782

无线跟焦手柄套装

ID: 3918

无线跟焦系统多控套装

ID: 4091

可标记手轮（黑檀木）

ID: 3266

USB-C 转 DTAP 线

ID: 3268

USB-C 转 DC 线

包装清单

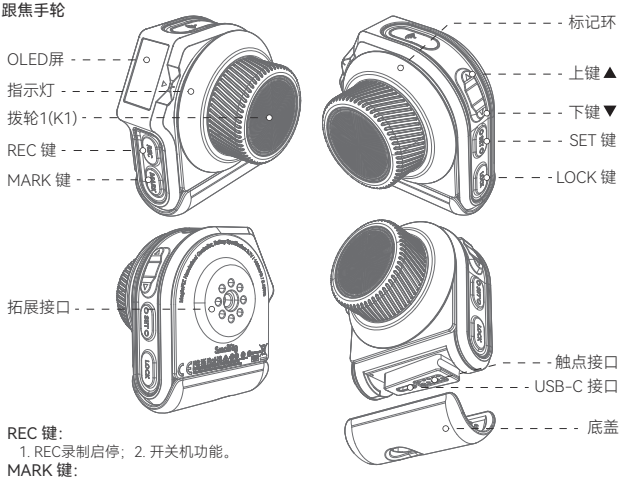
ID: 3781	
❶ 跟焦手轮	× 1
❷ 跟焦马达	× 1
❸ 电池挂板	× 1
❹ 手柄转接件	× 1
❺ Φ15mm 管	× 1
❻ 管夹（带滑条）	× 1
❼ 扣式跟焦环	× 2
❽ USB-C 转 USB-C 线	× 1
❾ 可标记手轮（硅胶）	× 1
扳手	× 1
用户手册	× 1
收纳包	× 1

ID: 3782	
❿ 电控模块	× 1
❷ 跟焦马达	× 1
⓫ 跟焦手柄	× 1
❸ 电池挂板	× 1
❹ 手柄转接件	× 1
❺ Φ15mm 管	× 1
❻ 管夹（带滑条）	× 1
❼ 扣式跟焦环	× 2
❽ USB-C 转 USB-C 线	× 1
扳手	× 1
用户手册	× 1
收纳包	× 1

ID: 3918	
❶ 跟焦手轮	× 1
⓫ 跟焦手柄	× 1
❿ 电控模块	× 1
❷ 跟焦马达	× 2
❸ 电池挂板	× 2
❹ 手柄转接件	× 1
⓬ 肩扛转接件	× 1
⓭ 监视器转接件	× 1
❺ Φ15mm 管	× 1
❻ 管夹（带滑条）	× 1
❼ 扣式跟焦环	× 2
❽ USB-C 转 USB-C 线	× 1
❾ 可标记手轮（硅胶）	× 1
扳手	× 1
用户手册	× 1
收纳包	× 1

产品功能说明

1. 跟焦手轮



REC 键：
1. REC录制启停；2. 开关机功能。

MARK 键：
1. AB打点；2. 镜头行程自动校准。

上 / 下键：
1. 频段调节；2. 马达编号调节；3. 上下翻页。

SET 键：
1. 长按进入或退出当前选项；
2. 单击激活或确定当前选项。

LOCK 键：防误操作，双击开 / 关锁。

拨轮1(K1)：精细控制跟焦马达。

指示灯：
红色 - 绿色 - 蓝色 - 黄色 - 粉色 - 白色6色灯显。

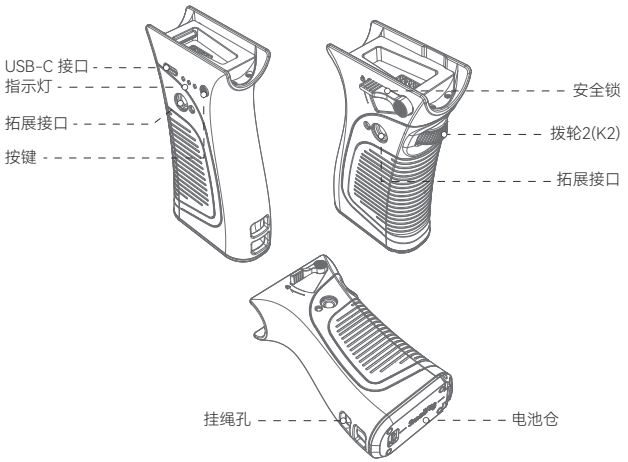
USB-C 接口：
充电和有线通讯端口。

触点接口：
充电和通讯端口。

拓展接口：1/4"-20螺牙接口。

标记环：可更换。

2. 跟焦手柄

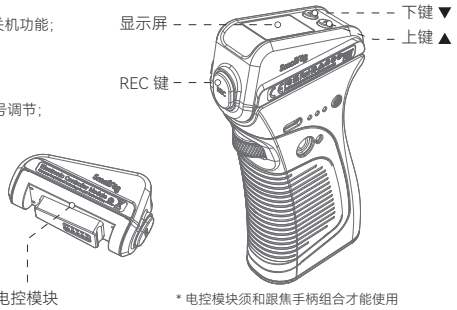


USB-C 接口：1. 充放电； 2. 通讯。
指示灯：电量和状态显示。
按键：单击显示当前电量。
安全锁：防意外脱落。
拨轮2(K2)：控制跟焦马达。
拓展接口：外接配件拓展接口。
电池仓：适配LP-E6电池。
挂绳孔：外挂绳接口。

3. 多功能跟焦手柄（跟焦手柄 + 电控模块组合）

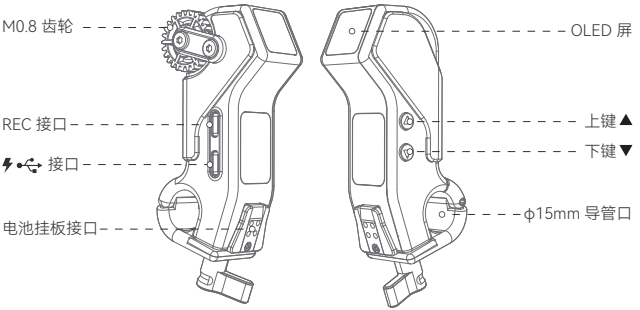
REC 键:
1. REC录制启停； 2. 开关机功能；
3. 确认键

上 / 下键:
1. 频段调节； 2. 马达编号调节；
3. 上下翻页



* 电控模块须和跟焦手柄组合才能使用

4. 跟焦马达



上下键：1. 频段调节；2. 马达编号调节。

REC 接口：有线控制相机REC接口。

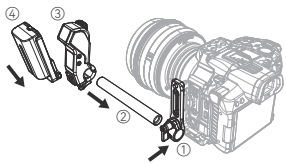
接口：供电口和通讯接口。

电池挂板接口：配合电池挂板 (ID: 3777) 使用， 兼容NP-F系列电池。

产品安装及供电控制说明

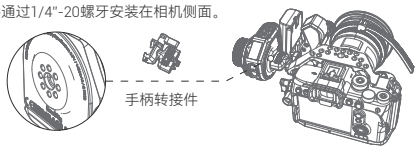
1. 跟焦马达安装说明

通过套装配件安装跟焦马达于相机侧面。

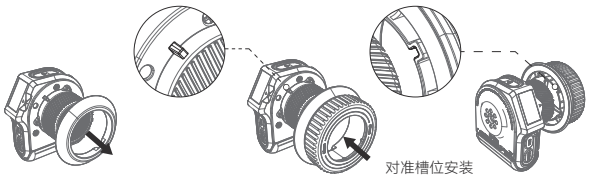


2. 跟焦手轮安装说明

2.1 跟焦手轮通过手柄转接件通过1/4"-20螺牙安装在相机侧面。

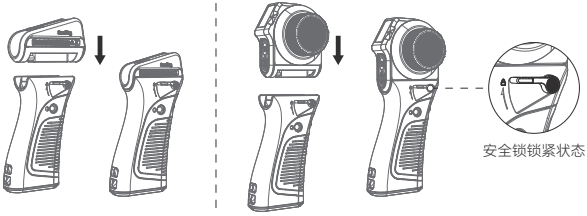


2.2 标记环更换 / 安装说明。

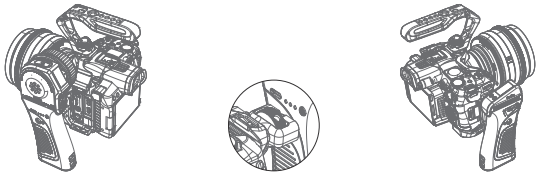


3. 跟焦手柄安装说明

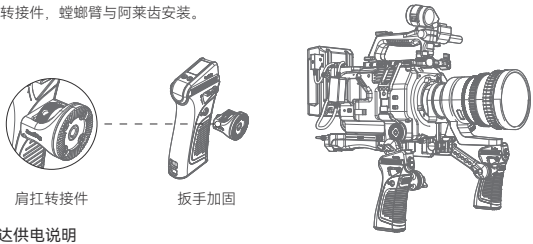
3.1 电控模块，跟焦手轮与跟焦手柄组合安装。



3.2 跟焦手柄左右通用。

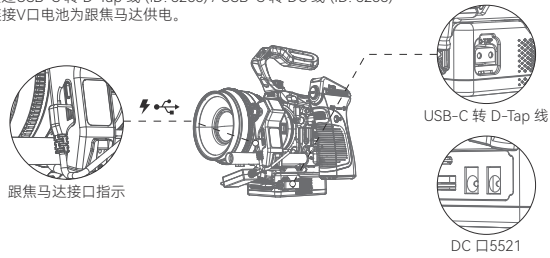


3.3 肩扛转接件，螳螂臂与阿莱齿安装。

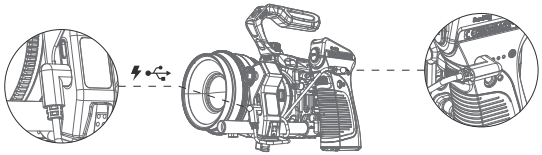


4. 跟焦马达供电说明

4.1 通过USB-C 转 D-Tap 线 (ID: 3266) / USB-C 转 DC 线 (ID: 3268)
连接V口电池为跟焦马达供电。

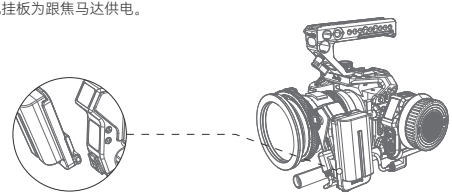


4.2 通过标配的USB-C 转 USB-C 线连接跟焦手柄为跟焦马达供电，同时实现有线控制。



跟焦马达接口指示　　跟焦手柄有线控制并供电

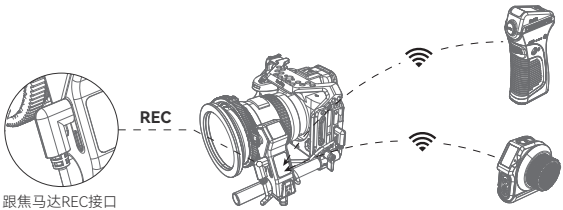
4.3. 通过电池挂板为跟焦马达供电。



电池挂板供电
兼容NP-F系列电池　　跟焦手轮有线控制

5. REC接线说明

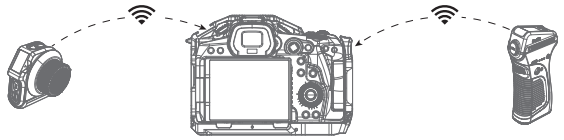
5.1 控制线一端连接跟焦马达，一端连接相机，通过跟焦手轮和电控模块无线操控视频REC录制。



跟焦马达REC接口

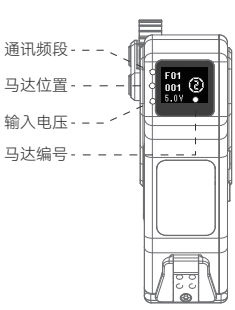
Sony	FUJIFILM	Panasonic	Z CAM
			
ID: 2971	ID: 2970		ID: 3325
A7, A7R, A7S, A7II, A7RII, A7SII, A7SIII, FX3, A7III, A7RIII, A7 IV, A7R IV, A9, A9 II, A5100, A6000, A6100, A6300, A6400, A6500, A6600, RX100 III, RX100IV, RX100V, RX100 VI, RX100 VII	X-T3, X-T4, X-T20, X-T30	S5, S1, S1R, S1H, BS1H, GH4, GH5, GH5S, GH6, G9, G95	E2, M4, S6 BGH1(Panasonic)

5.2 跟焦手轮和电控模块直接连接相机BLE, 实现无线操控视频REC录制。

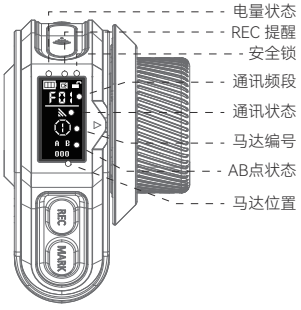


Sony	Canon	Nikon
A7C, A7RIII, A7RIV, A7 IV, FX3, A7SIII, A9, A9 II, RX100 VII, DSC-RX100M7, A6100, A6400, A6600, ZV1, ZV-E10	EOS 90D, EOS M6 Mark II EOS M50, EOS R, EOS R5 EOS RP, G7X Mark III	Z50

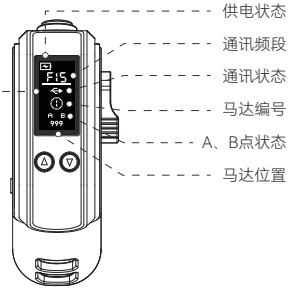
界面说明



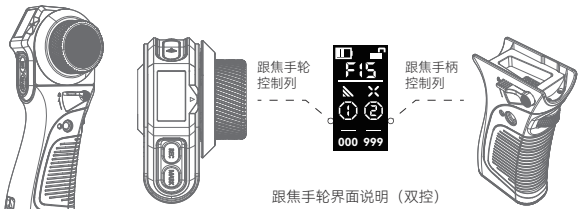
马达界面说明



跟焦手轮界面说明（单控）



电控模块界面说明



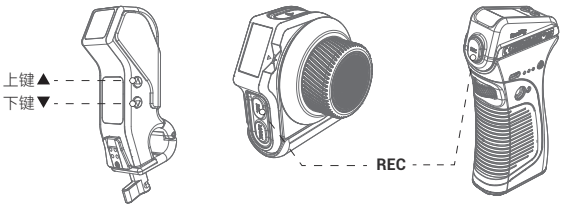
跟焦手轮界面说明（双控）

基本操作

1. 开 / 关机操作

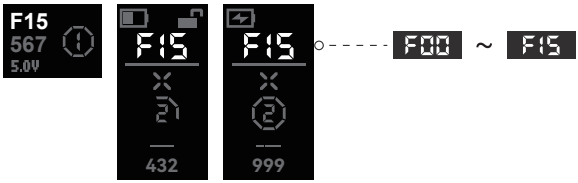
长按上 / 下键开机；同时按关机

长按 **REC** 键开 / 关机



2. 调频操作

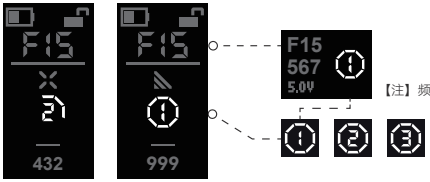
双击跟焦马达 / 跟焦手轮 / 电控模块的 ▲ / ▼ 调频。



3. 编号操作

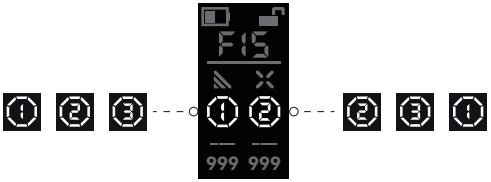
跟焦马达：长按 ▲ 激活马达编号，单击 ▲ / ▼ 键调整编号，长按 ▲ 键退出。

跟焦手轮单显模式：单击 SET “SET”激活马达编号，单击 ▲/▼键调整编号，
长按 SET “SET”退出。



【注】频段相同，编号相同才能控制马达

跟焦手轮双显模式：单击 SET “SET” 激活马达编号和切换控制，单击 ▲/▼键调整编号，
长按 SET “SET”退出。

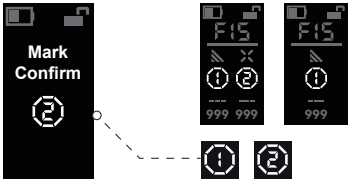


电控模块手柄模式：长按▲激活马达编号，单击 ▲/▼ 键调整编号，长按▲键退出。

4. 镜头行程校准操作（自动 / 手动）

方式1-1：跟焦手轮自动校准镜头行程

长按 MARK “MARK”启动校准，▲/▼键调整编号。



【注】双显模式，识别可用马达编号
单显模式，识别当前马达编号

方式1-2：跟焦手轮手动校准镜头行程

镜头自动校准超过20s或单击 MARK “MARK” 自动切换到手动模式，
单击 MARK “MARK” 确认起点和终点。

镜头起点 - - ○ - - ○ - - 镜头终点

方式2：跟焦马达自动校准镜头行程

长按▼键，自动校准镜头。 单击▼键，确认起点跟终点。

5. AB打点操作

跟焦手轮：单击 MARK “MARK” 虚线跳动，单击打A、B点，再单击取消打点。

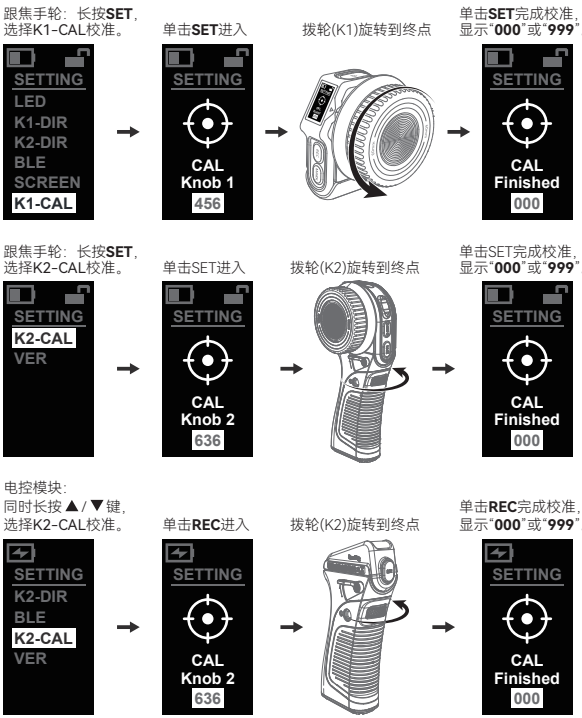
【注】双显模式，单击**MARK**再单击**SET**，
可在跟焦手轮与跟焦手柄之间切换。

电控模块：同时单击▲/▼键，单击 REC “REC” 键打A、B点，同时单击▲/▼键取消打点。

6. 复位校准操作

何时需要对跟焦手轮、跟焦手柄复位校准?

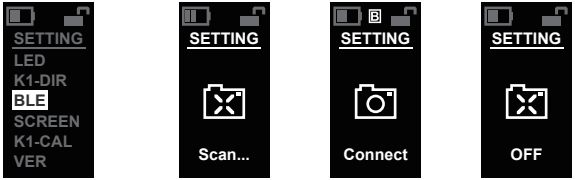
1. 当拨轮转到端点，马达出现快速反转时。
2. 当拨轮转到端点时，出现非“**000**”或“**999**”位置信息时。



7. BLE 连接操作

相机设置：BLE 设置 → BLE功能 → 打开状态 → 单击配对。

7.1跟焦手轮BLE设置：



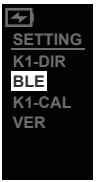
长按**SET**进入 / 退出菜单
▲/▼键翻页，
SET键进入选项

单击**SET**
启动BLE扫描

扫描连接成功，
相机确认配对

单击 ▲/▼键
关闭BLE

7.2 电控模块BLE设置：



同时长按 ▲+▼ 键进入 / 退出菜单，▲ / ▼ 键翻页，**REC**键进入选项。

单击**REC**启动BLE扫描

扫描连接成功，相机确认配对

单击 ▲ / ▼ 键关闭BLE

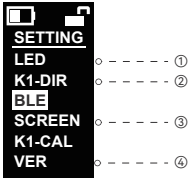
8. 其他操作

① LED: 指示灯显示 RED → GREEN → BLUE → YELLOW → PINK → WHITE → OFF。

② K1-DIR: 跟焦手轮控制的马达正反转切换。

③ SCREEN: 屏幕倒置显示。

④ VER: 版本信息。



规格与参数

跟焦手轮		屏幕尺寸	OLED 0.96"
		电池规格	3.7V / 1400mAh / 5.18Wh
		满电可续航	20h（无灯显状态）
		输入电压	5V ~ 12V
		工作电流	约0.14A
		通讯频段	F00 ~ F15 总计16个，3个马达编号
		最远传输距离	≤100m（理论环境）
		工作频率	2.4000 ~ 2.4835GHz

多功能跟焦手柄		屏幕尺寸	OLED 0.96"
		可适配电池类型	LP-E6 / LP-E6N
		输入电压	5V ~ 16.8V
		充满时长	约1h30min
		输出功率	5V⎓2A 9V⎓2A
		满电可续航	约40h
		承重范围	≤6kg
		侧面电量显示	20%-红灯，60%-绿灯，100%-绿灯

跟焦马达		屏幕尺寸	OLED 0.52"
		峰值扭矩	0.5N.m
		输入电压	5V ~ 16.8V
		最远传输距离	≤100m（理论环境）
		工作频率	2.4000 ~ 2.4835GHz
		外挂电池输入电压	7.4V ~ 8.2V
		兼容管类型	标准φ15mm管

更多使用方法，请扫码了解详情

无线跟焦系统产品二维码

跟焦器产品线二维码