版本	更新内容	更新日期
v0.0	量产图纸	20250108

尺寸：105 × 150mm

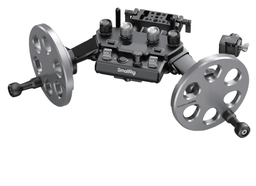
材质：100g书纸，单色印刷，风琴折，英文为第一封面

“ ■ ” C:0 M:0 Y:0 K:90

105mm

150mm

SmallRig



Gimbal Control Wheels
(for DJI RS Series)

Operating Instruction

Thank you for purchasing SmallRig's product.
Please read this Operating Instruction carefully.
Please follow the safety warnings.

Important Reminder

Please keep the product dry and avoid contact with water or other liquids.
Do not use the product in high temperature, humid, or dusty environments.
Keep the product away from flammable materials and avoid prolonged use.
If any damage is found on the product, please stop using it immediately and contact the after-sales service department for repair or replacement.

Bitte halten Sie das Produkt trocken und vermeiden Sie den Kontakt mit Wasser oder anderen Flüssigkeiten.
Verwenden Sie das Produkt nicht in Umgebungen mit hoher Temperatur, Feuchtigkeit oder Staub.
Halten Sie das Produkt weg von entflammbaren Materialien und vermeiden Sie die langandauernde Nutzung.
Wenn Schäden am Produkt festgestellt werden, hören Sie sofort auf es zu verwenden und wenden Sie sich an den Service für Kundenservice für Reparatur oder Austausch.

Veuillez garder le produit sec et éviter tout contact avec l'eau ou d'autres liquides.
N'utilisez pas le produit dans des environnements à forte température, humides ou poussiéres.
Tenez le produit à l'écart des matiéres inflammables et évitez une utilisation prolongée.
Si des dommages sont détectés sur le produit, veuillez cesser son utilisation immédiatement et contacter le service après-vente pour une réparation ou un remplacement.

Mantenete il prodotto asciutto e evitate il contatto con l'acqua o altri liquidi.
Non utilizzare il prodotto in ambienti ad alta temperatura, umidi o polverosi.
Tenni il prodotto lontano da materiali infiammabili e evita l'uso prolungato.
Se si riscontrano danni sul prodotto, smettete immediatamente di utilizzarlo e contattate il reparto assistenza clienti per la riparazione o il cambio.

Mantenha o produto seco e evite contato com água ou outros líquidos.
Não use o produto em ambientes de alta temperatura, úmido ou poeirento.
Mantenha o produto longe de materiais inflamáveis e evite o uso prolongado.
Se detectar qualquer dano no produto, pare de usá-lo imediatamente e contate o departamento de serviço pós-venda para reparo ou substituição.

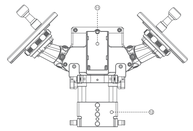
Håll produkten torr och undvik kontakt med vatten eller andra vätskor.
Använd inte produkten i miljöer med hög temperatur, fuktighet eller damm.
Håll produkten borta från brandbara material och undvik långvarig användning.
Om någon skada på produkten upptäcks, sluta omedelbart att använda det och kontakta kundtjänst för reparation eller ersättning.

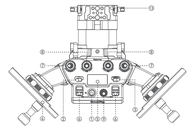
Mantenga el producto seco y evite el contacto con agua u otros líquidos.
No utilice el producto en ambientes de alta temperatura, humedad o polvo.
Mantenga el producto alejado de materiales inflamables y evite el uso prolongado.
Si nota cualquier daño en el producto, deje de usarlo de inmediato y comuníquese con el departamento de servicio postventa para la reparación o el reemplazo.

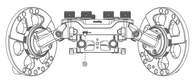
Houd het product droog en vermeid contact met water of andere vloeistoffen.
Gebruik het product niet in omgevingen met hoge temperaturen, vochtigheid of stof.
Houd het product ver van brandbare materialen en vermeid langdurig gebruik.
Als enige schade aan het product wordt geconstateerd, stop onmiddellijk met het gebruiken en neem contact op met de klantenservice voor reparatie of vervanging.

Product Details

❶ Stabilizer control wheel







1. Power Switch:
(1) Press and hold the power button to turn on the device;
(2) When the device is powered on, press and hold the power button for 2 seconds to power it off.
(3) Click the switch to adjust the position of the "TRP" function. There are 6 positions in total. (T: Pan axis, R: Roll axis, P: Pitch axis)

2. Mode Button (MODE)
(1) Click the M key to switch modes, and the screen display will switch between M1-M2-M3 as the mode changes.
(2) Channel switching:
1. Press and hold the mode button for two seconds, "CH0" flashes, and you can adjust the channel. Click "RECENTER" to increase the channel value, click "MODE" to decrease the channel value, and press and hold "MODE" again to complete the channel adjustment.
2. Switch the signal receiver channel parameters:
Case 1: When the receiver is connected to the remote control module normally, double-click the receiver button, the receiver enters the channel switching mode, repeat step "1" to synchronously set the receiver channel parameters.
Case 2: The receiver cannot connect to the remote control module. The red light on the receiver is constant. Long press the button on the receiver. The blue light flashes to reset the channel to "00". When it stops flashing, the reset is successful. Switch the control wheel to "00". After the connection is successful, set it according to Case 1.

3. Recenter Button:
(1) Single click: PTZ returns to center;
(2) Double-click: the gimbal goes into sleep mode (automatically locks the axis). Double -click again to resume operation.

4. Steering Wheel:
This function corresponds to the joystick on the RS2 body, and its functions are as follows:
(1) Turn the P control wheel to control the RS2 pitch axis movement (default).
(2) Turn the T control wheel: control the movement of the RS2 panning axis (default).
(3) Turn the R control wheel: Control the RS2 roll axis movement (default).

5.OLED Screen:
Displays working mode, communication connection status, and other prompt information.

6. Direction Lever:
According to different people's usage habits, the direction of rotation of the axis matched by the stabilizer when the control wheel rotates can be controlled by toggling the key up and down.

7. Smoothness Knob:
(1) Use the "SMOOTH" knob to control the smoothness of the rotation of each axis of the stabilizer.
(2) The smoothness decreases when turning clockwise, and the opposite is true when turning counterclockwise.

8. Speed Knob:
(1) Use the "SPEED" knob to control the speed of each axis of the stabilizer.
(2) Clockwise rotation increases the speed, and counterclockwise rotation decreases the speed.

9. Leveling Knob:
This knob can fine-tune the roll axis position of the stabilizer. When the stabilizer has horizontal deviation, the horizontal position of the stabilizer can be adjusted.

10. USB-C Port:
An external 5V power supply is used to power the controller or connect the data interface, such as to support firmware upgrades.
Rated input voltage 5V, Rated input current ≤ 0.5A;
Only supports power input function. This port does not support powering NPF batteries.

11. NPF Battery Interface:
(1) External NPF battery, the power supply is external battery (battery charging is not supported)
(2) Rated input voltage 7.4V, current ≤ 5A.

12. Release Plate Installation Position:
There are 1/4"-20 positioning holes and 3/8" -16 positioning holes at the bottom of the control wheel for installing quick-release plates of different specifications.

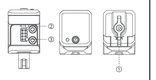
13. Monitor Installation Position:
You can install a magic arm or monitor bracket for monitoring.

❷ Receiver

1. Locking Knob: Locks the receiver.

2. Limit Column:
The limit column must correspond to the NATO interface on the DJI stabilizer, otherwise the stabilizer cannot be controlled.

3. Pin:
Do not be too violent during the disassembly process, otherwise the pin interface will be damaged.



In the Box

Stabilizer control wheel	× 1	Operating Instruction	× 1
Receiver	× 1		

Icon Indication

1. "M1 M2 M3" **Mode indicator:** Displayed after the gimbal enters sleep mode SLEEP, indicating that the "sleep mode" is on and the gimbal cannot be controlled.
2. Power display, the power display bar flashes when charging.
3. CH0 The signal connection icon flashes when the channel is being adjusted, and does not flash when the channel is connected. "0" represents the channel value.
4. USB Indicates that the USB-C port is supplying power.
5. P-T-R Represents the order of control of each axis: from left to right is "PTR".

Warning

Do not disassemble the product. If you suspect there is any problem with the product, please contact the purchasing platform to apply for after-sales processing.
Only by connecting the slider on the left side of the DJI stabilizer and tightening the knob with a wrench can the product control the DJI stabilizer correctly.
This product is dedicated to controlling DJI RS 2 / RS 3 Pro / RS 4 / RS 4 Pro stabilizer.

Product Usage

1. Connect the receiver via the slider on the left side of the stabilizer. It must be aligned with the anti-deflection column before installation. Turn on the stabilizer.
2. Install the control wheel on the tripod, long press the switch button on the control wheel, and then you can use it normally after turning it on.
3. If the receiver displays a blue light, the connection is normal. If it displays a red light, the connection is abnormal. Please reconnect.

Guarantee Card

ID No.	
Item Name	
Purchase Date	
User Name	
Mobile	
Address	
Receipt	

Product Parameters

A: Mechanical Properties	Reference value
USB -C Lifespan	>5000 times
B: USB -C Electrical Characteristics	
Rated Input Voltage	5V
Rated Input Current	≤ 0.5A
Rated Operating Power	5V power supply, ≤ 2.5W
Maximum allowable input current of the port	≤1A
Maximum allowable input voltage of the port	≤ 12 V
C: External NPF Battery Parameters	
Input Voltage Range	6.2 - 8.4V
Applicable Battery Type	NPF550, NPF570, NPF750, NPF970
Rated Voltage	7.4V
Rated Current (Typical)	100mA
Rated Power (Typical)	0.74W
Maximum Allowable Input Voltage of the Terminal	≤ 8.4V
Maximum Allowable Input Current of Terminal	≤ 5A
Operating Power of the Whole Machine (Max)	≤ 2.5W (Max)
D: Environmental Conditions	Environmental Requirements
Operating Temperature	0℃ to 50℃ / 32℉ to 122℉
Storage Environment	-40℃ to 70℃ / -40℉ to 158℉
Humidity Adaptability Range	Relative humidity 20% - 90%RH without condensation
Control Wheel Maximum Distance	<100.0m / < 328.1ft

FCC Statement

This equipment 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 and, 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 to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which thereceiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.
To assure continued compliance, any changes or modifications not expressly approved by the party.
responsible for compliance could void the user's authority to operate the equipment.
(Example: use only shielded interface cables when connecting to computer or peripheral devices).
This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
RF warning statement:
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

Service & Warranty

Please keep your original receipt and guarantee card. Be sure the dealer has written on it the date of purchase and SN of the product. These are required for warranty service.

After-sale Warranty Terms
SmallRig products are entitled to warranty services as of the date of payment.
• Electronic products（except V mount battery): 1-year warranty.
• V mount battery: 2-year warranty.
• Non-electronic products: 2-year warranty.
Note: In case of any conflict between our warranty period policy and applicable laws and regulations of the country / region where the products are sold, the latter shall prevail.

This Warranty Does Not Cover
1. If users fail to adhere to the "Operating Instruction" or any "Warnings" stated in the user manual, resulting in a quality failure, it falls outside the scope of warranty coverage.
2. The product identification or SN label is removed or defaced in any way.
3. Product damage caused by problems not attributable to the quality of the products such asimproper use of the products.
4. Product damage caused by unauthorized modification, disassembly, repair and other acts.
5. Product damage caused by fires, floods, lightning and other force majeure factors.

Warranty Mode
• For the products within the scope of warranty, SmallRig will repair or replace them on the basis of specific failures; the repaired / replaced products / parts are entitled to the remaining part of the original warranty period.

Contact Information
• You're advised to contact the online customer service personnel of corresponding shopping platform and submit a repair service application.
• You may also apply for repair service through SmallRig's service email.
Service Email: support@smallrig.com

Manufacturer Email: support@smallrig.com
Manufacturer: Shenzhen Leqi Innovation Co., Ltd.
Add:Rooms 101, 701, 901, Building 4, Gongjianfuji Innovation Park, No. 58, Ping'an Road, Dafu Community, Guanlan Street, Longhua District,Shenzhen, Guangdong, China.
Consignor: Shenzhen LC Co., Ltd.
Add: Room 201, Building 4, Gongjianfuji Innovation Park, No. 58, Ping'an Road, Dafu Community, Guanlan Street, Longhua District,Shenzhen, Guangdong, China.

EC REP GAVIMISA CONSULTORIA, SOCIEDAD LIMITADA, CASTELLANA 91-44, 28046 Madrid, compliance.gavmosa@outlook.com
UK REP GeoMview Accounting Ltd, Electric Avenue Vision 25, London, SW40 0NJ TEL info@geomview.net

FCC ID: 2BCZU-4525
CMIIT ID: 2AJ4A50316525

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WE ARE HERE FOR YOU 期待为您服务
ETICHETTATURA AMBIENTALE ENVIRONMENTAL LABELING

SmallRig

控制轮 (适用于大疆 RS 系列稳定器)

操作指引

感谢您购买 SmallRig 产品。
使用本产品之前，请仔细阅读操作指引。
请注意所有警告提示并遵循使用操作指引的所有指令。

重要提示

请保持产品干燥，避免接触水或其他液体。
请勿在高温、潮湿或多尘的环境中使用产品。
请勿将产品置于易燃物品附近，并避免长时间使用。
若发现产品有任何损坏，请立即停止使用并联系售后服务部门进行维修或更换。

包装清单

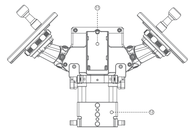
稳定器控制轮	× 1
接收器	× 1
操作指引	× 1

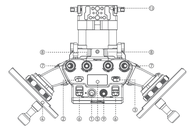
警告

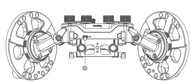
请勿拆卸产品，如果您怀疑产品有任何问题，请联络购买平台，申请售后处理。
只有连接DJI稳定器左侧的滑条，且必须通过扳手锁紧旋钮，该产品才可以正确控制DJI稳定器。
该产品专用于控制DJI RS 2 / RS 3 Pro / RS 4 / RS 4 Pro 稳定器。

产品介绍

❶ 稳定器控制轮







1. 电源开关键:
(1) 长按开关键开机;
(2) 开机状态下，长按开关键2秒关机;
(3) 单击开关键，调节"T R P"功能的位置，共6组位置排布方式。
（T：航向轴；R：横滚轴；P：俯仰轴）

2. 模式按键 (MODE):
(1) 单击M键切换模式，屏幕显示随模式切换M1-M2-M3。
(2) 频道切换:
长按模式键两秒"CH 0"闪烁，可调整频道，点击"RECENTER"频道数值增加，点击"MODE"频道数值减小，再次长按"MODE"频道调整完毕。
切换信号接收器信道参数:
情况一：接收器与遥控模块连接正常情况下，双击接收器按键，接收器进入信道切换模式，重复第"1"步，同步设置接收器信道参数。
情况二：接收器与遥控模块不能连接，接收器红灯常量，在接收器上长按按键，蓝灯闪烁复位信道为"00"，停止闪烁即复位成功，将控制轮切换为"00"，连接成功后，按照情况一进行设置。

3. 回中按键 (RECENTER):
(1) 单击：云台回中。
(2) 双击：云台睡眠（自动锁轴），再次双击恢复工作。

4. 方向轮盘:
该功能对应RS2机身上的摇杆，功能如下:
(1) 转动P控制轮：控制RS2俯仰轴运动（默认）；
(2) 转动T控制轮：控制RS2航向轴运动（默认）；
(3) 转动R控制轮：控制RS2横滚轴运动（默认）。

5. OLED屏幕:
显示工作模式、通讯连接状态、以及其他提示信息。

6. 方向拨杆:
根据不同人的使用习惯，控制轮转动时稳定器匹配的轴转动方向，通过上下拨动该键来控制方向。

7. 平滑度旋钮:
(1) 通过"SMOOTH"旋钮，来控制稳定器各轴转动的平滑度。
(2) 顺时针平滑度降低，逆时针相反。

8. 速度旋钮:
(1) 通过"SPEED"旋钮，来控制稳定器各轴转动的速度。
(2) 顺时针旋转速度提升，逆时针相反。

9. 调平旋钮:
该旋钮可以微调稳定器横滚轴位置，在稳定器出现水平偏差时，可以调整稳定器水平位置。

10. USB-C接口:
外接5V电源为控制器供电或者数据连接接口，如支持固件升级；额定输入电压5V；额定输入电流≤ 0.5A；仅支持电源输入功能，此接口不支持给NPF电池供电。

11. NPF电池接口:
(1) 外接NPF电池，电源为外接电池供电（不支持对电池充电）。
(2) 额定输入电压7.4V，电流 ≤ 5A。

12. 快装板安装位置:
控制轮底部有1/4"-20 定位孔和3/8"-16 定位孔，用于安装不同规格快装板。

13. 监视器安装位置:
可以安装魔术手或监视器支架，用于监看画面。

❷ 接收器 (用于远程接受无线信号)

1. 锁紧旋钮:
锁紧接收器。

2. 限位柱:
限位柱必须与大疆稳定器NATO接口上的对应，否则无法控制稳定器。

3. Pin针:
拆装过程中不可太过暴力，否则会损伤Pin针接口。

图标指示

1. M1 M2 M3 **模式指示**：稳定器进入休眠后显示 SLEEP，代表"睡眠模式"开启，无法控制稳定器。
2. 电量显示，充电时电量显示条闪烁。
3. CH0 信号连接图标，闪烁代表正在调整信道，不闪烁代表已连接；"0"代表信道数值。
4. USB 代表USB-C 接口在供电。
5. P-T-R 代表各轴控制的顺序：从左到右是"P-T-R"。

产品使用

1. 在稳定器左侧通过滑条连接接收器，必须对准防偏转柱才可以安装，开启稳定器。
2. 在三脚架上安装控制轮，长按控制轮上的开关按键，开机后就可以正常使用。
3. 接收器显示蓝灯则正常连接，如果显示红灯则连接不正常，请重新连接。

产品参数

A：机械特性	参考值
USB-C 使用寿命	> 5000次
B：USB-C 电气特性	
额定输入电压	5V
额定输入电流	≤ 0.5A
额定工作功率	5V供电，≤ 2.5W
端口最大允许输入电流	≤ 1A
端口最大允许输入电压	≤ 12V
C：外接NPF电池参数	
输入电压范围	6.2 ~ 8.4V
适用电池类型	NPF550、NPF570、NPF750、NPF970
额定电压 Nominal voltage	7.4V
额定电流 (典型值)	100mA
额定功率 (典型值)	0.74W
端子最大充许输入电压	≤ 8.4V
端子最大充许输入电流	≤ 5A
整机最大工作功率（Max）	≤ 2.5W (Max)
D：环境条件	环境要求
工作温度	0℃ ~ 50℃
储存环境	-40℃ ~ 70℃
湿度适应范围	相对湿度 20% ~ 90%RH 不结露
控制轮最大距离	小于100米

保修卡

ID 编号	
产品名称	
购买日期	
用户姓名	
用户电话	
用户地址	
购买单据	

保修条款

请保留您的原始购买单据及保修卡，同时包含您的购买日期，产品序列号等，这些资料质保服务时均需要提供。

售后质保条款
SmallRig产品自下单付款之日起享有质保服务。
·电子产品(除V口电池) 1年质保。
·V口电池：2年质保。
·非电子产品：2年质保。
注：若销售地国家或地区的适用法律法规有冲突的，以销售地国家或地区有关质保期的法律法规为准。

质保无效说明
1. 当用户违反操作指引或用户手册中"重要提示"任何一条导致的质量失效，不在质保范围内。
2. 产品序列号标识已经被撕毁或无法辨识，不在质保范围。
3. 产品使用不当导致产品本身质量问题，而造成的产品损坏，不在质保范围。
4. 非官方指导的私自改装、拆解、维修等行为而造成的损坏，不在质保范围。
5. 因火灾、水灾、雷击等不可抗拒力造成的产品损坏，不在质保范围。

维修方式
• 属于质保范围的，SmallRig 根据产品具体的故障对产品进行维修或更换。维修后的产品 / 部件享受原有保修期的剩余时长。

联系方式
• 建议您优先前往相应购买平台联系在线客服，提出产品维修申请。
• 您也可以通过 SmallRig 服务邮箱申请维修服务。
服务邮箱：support@smallrig.com

执行标准：GB4943.1-2022 LQ-B617-18
制造商：深圳市乐其创新股份有限公司
地址：中国广东省深圳市龙华区观澜街道大富社区宇安路58号共联富基创新园4栋101、701、901
委托商：深圳市乐长科技有限公司
地址：中国广东省深圳市龙华区观澜街道大富社区宇安路58号共联富基创新园4栋201

FCC ID: 2BCZU-4525
CMIIT ID: 2AJ4A50316525

中国制造

技术要求(包装物料)	单位	mm	页码	1/1		公差 ±1	MODEL (成品号)	4525	LEQI 乐其 | SmallRig 斯莫格				文案审核		Vi 审核	
1.材料:所有材料要求符合RoHS 2.0环保要求 2.珍珠棉类及含有胶水材料需满足质量验收要求: 低温存储 -20℃±2℃ 24h 高温高湿 70±2℃ 90%±5% 24h 不溢胶，不自然分层，测试后产品无残胶 3.工艺:模切整齐，无划痕；覆膜无尘，无气泡；烫印工整 4.印刷:印刷清晰，无污点，无脏污 5.公差:彩盒±1mm；物流箱±10mm 6.外观:外观要求参考承认样，提供《样品承认书》	纸张厚度标准: • 铜版纸类印刷品:纸张克重依据印刷行业行业标准 • 坑纹纸类印刷品:破裂强度及边压强度依据印刷行业行业标准						PART_NO. (物料编号)	LQ-B617-18	包装设计		认证工程师		ID设计师		产品经理	
							PART_NAME (零件名称)	操作指引	包装复核		质量工程师		结构设计师		产品线总监	