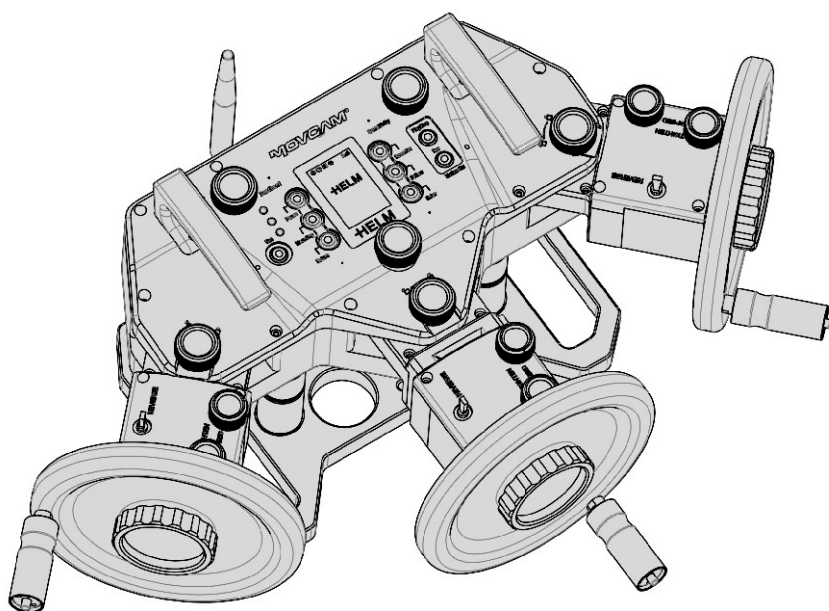


+HELM | Wheels

User Manual

V 1.0



MRW-1

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1 Structure

2 Control panel

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1、 Contents

Helm wheels is a multifunctional remote controller with high precision. It offers both wired and wireless control over Helm remote head and other third-party 3-axis stage. Helm wheels offers real time data synchronization for better control.

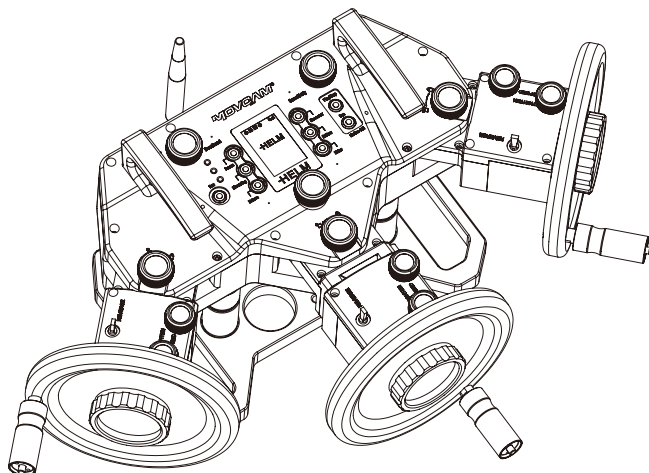
The wheels shares almost the same parameter structure and keyboard layout as that of the Helm remote head, which makes it easier for users to operate.

What's more, operators can rearrange the composition of the master wheels according to their own preference and for more flexible configuration.

The wheels is powered via V-mount battery which is convenient and easy to change on set.

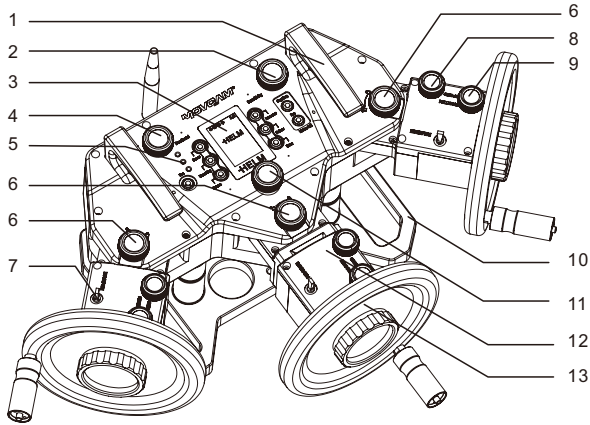
The wheel employs 2.4GHz wireless connection and built-in wireless modules. It's highly anti-jamming with long-distance transmission. MBUS port provides wired control.

There are 1/4" threaded holes for external accessories like monitor.



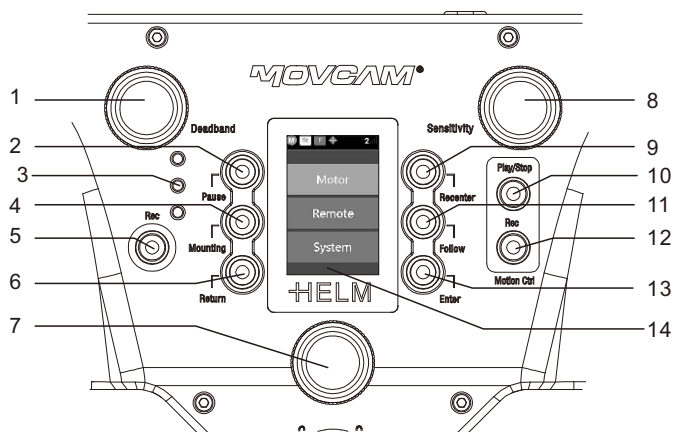
2、 Learn about HELM Wheels

Structure



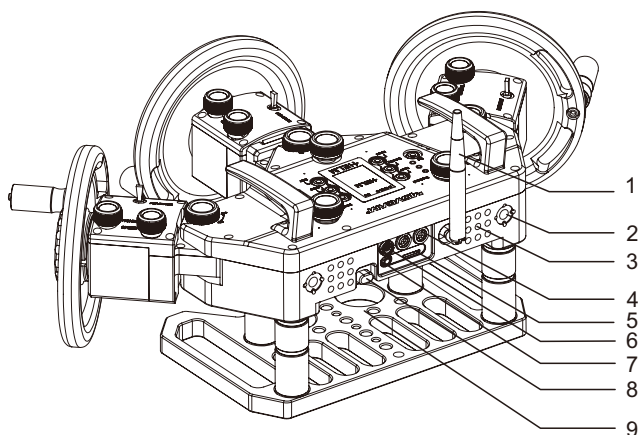
- | | |
|---------------------|-------------------------|
| 1、 Handle | 8、 Speed Adjust knob |
| 2、 Sensitivity Knob | 9、 Tighten Knob |
| 3、 Display screen | 10、 Base plate |
| 4、 Deadband Knob | 11、 Switch/Confirm Knob |
| 5、 Indicator light | 12、 Detachable module |
| 6、 Angle Lock | 13、 Wheel |
| 7、 Reverse/switch | |

Control Panel

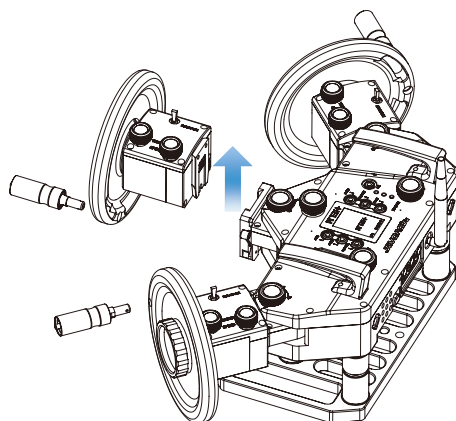
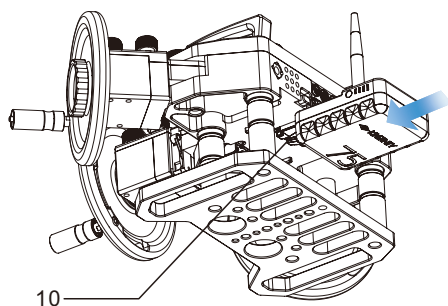


- 1 Deadband
- 2 Pause
- 3 indicator light
- 4 Mounting mode switch button
- 5 Camera REC
- 6 Return
- 7 Multi-function button
- 8 Sensitivity
- 9 Recenter
- 10 Play/stop
- 11 Follow mode switch button
- 12 REC
- 13 Enter
- 14 Display screen

HELM | Wheels

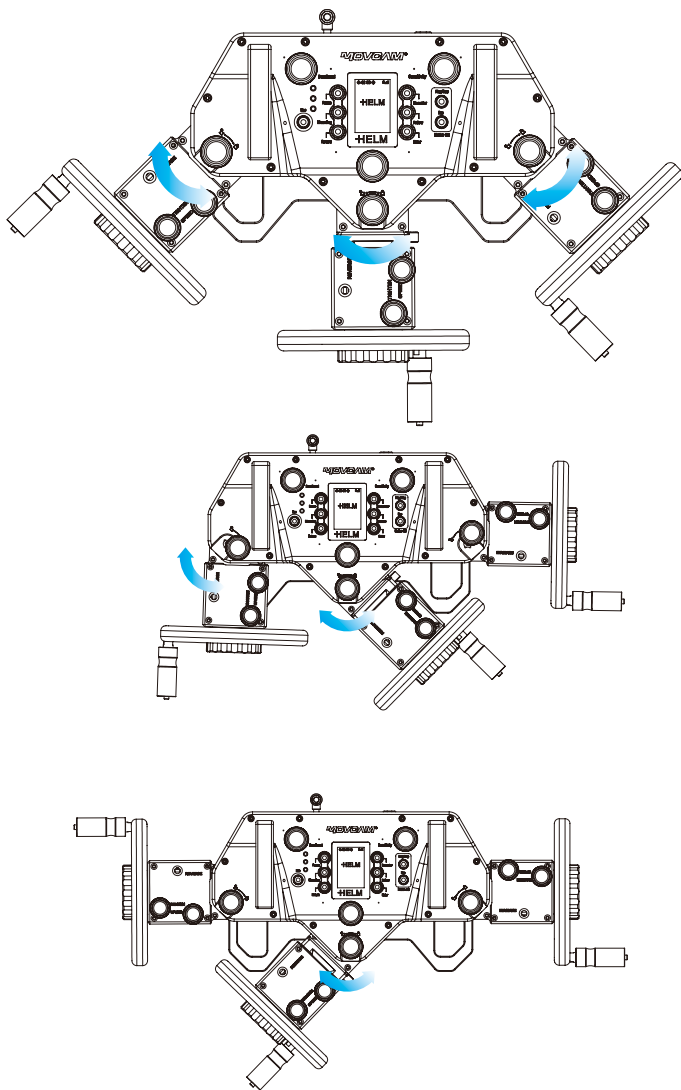


- 1 Antenna
- 2 3/8" threaded holes
- 3 1/24" threaded holes
- 4 DC OUT
- 5 MicroSD card slot
- 6 MBUS port
- 7 Power switch
- 8 Battery release
- 9 Base plate
- 10 Battery mount



HELM | Wheels

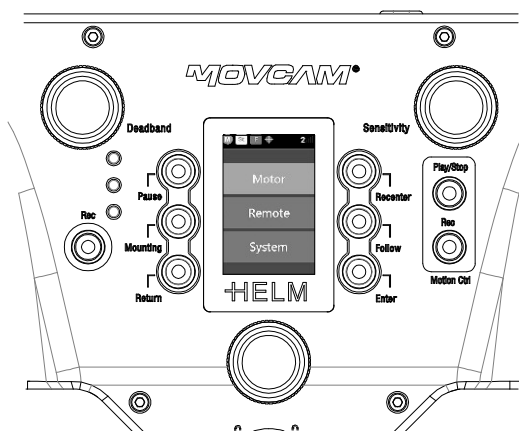
Operators can rearrange the composition of the master wheels according to their own preference and for more flexible configuration.



4. Parameter setting

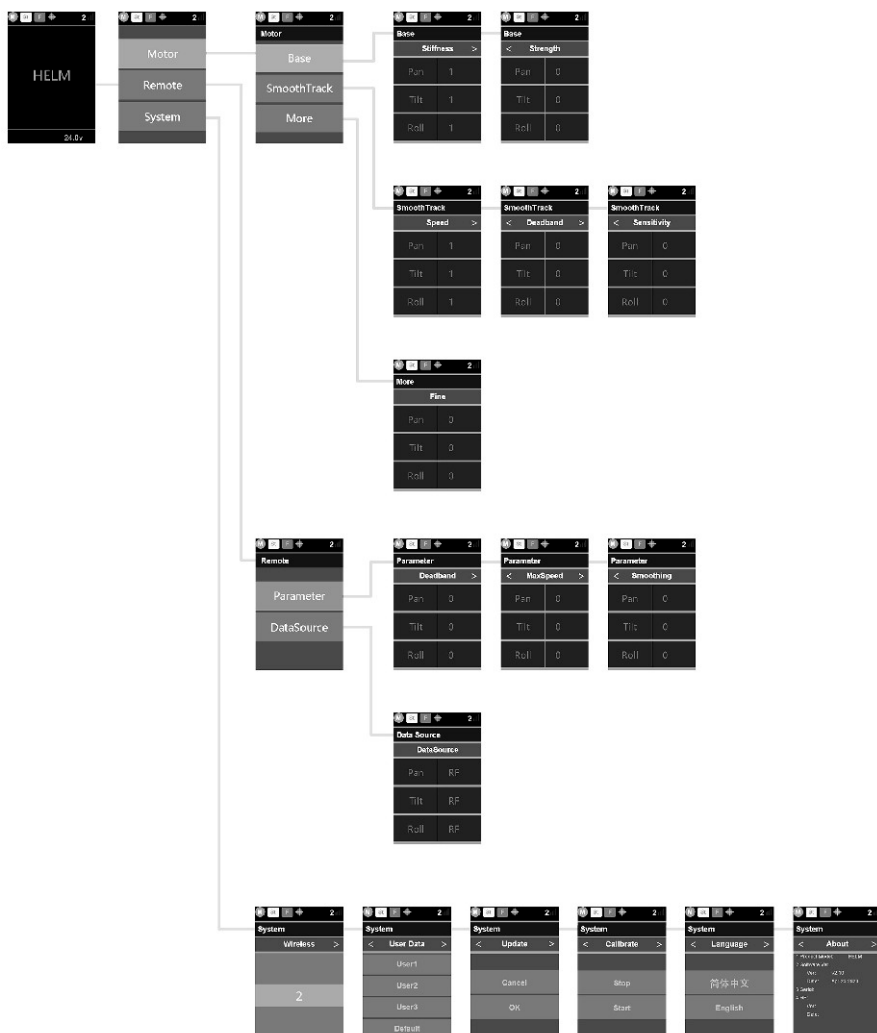
After balance adjustment, use the control panel to do set up Helm. Helm can also be controlled via external controller like the wheel controller.

Power up Helm before starting setup.



1. Press the Switch/Confirm Knob to enter setup menu. Turn the knob to choose entry for setup.
2. When external controller like the wheel is used to do setup, first step is to enter the **System** to set wireless channel. Set both the channel on control panel and that on the wheel control at the same one. Connection is successful when the sign  appears on the upper right corner of the screen.
3. Motor **stiffness** and **strength** can be set via **Motor** entry. Under Smoothtrack mode, motor **speed**, **deadband** and **sensitivity** can be set.
4. Under **Remote** entry, **deadband**, **maxspeed** and **smoothing** can be set. **Data source** can also be set.
5. Under **System** entry, the following can be set: **wireless**, **calibration** and **language**.

HELM | Wheels



HELM

HELM remote controlled stabilizaion head

MRW-1

MOVcam®

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FCC Caution:

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Note: 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 the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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