MOVCAM®

⊢ELM│Wheels

User Manual

V 1.0

MRW-1

HELM | Wheels

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2、Learn about HELM Wheels

1 Structure

2 Control panel

3. Parameter setting

HELM | Wheels

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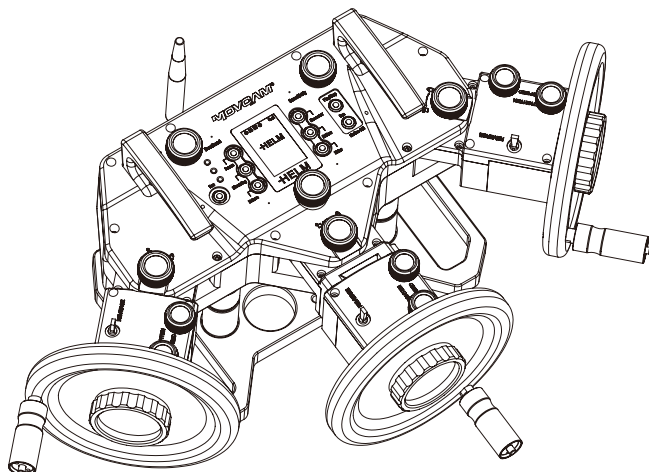
The wheels shares almost the same parameter structure and keyboard layout as that of the Helm remote head, which makes it easier for users to operate.

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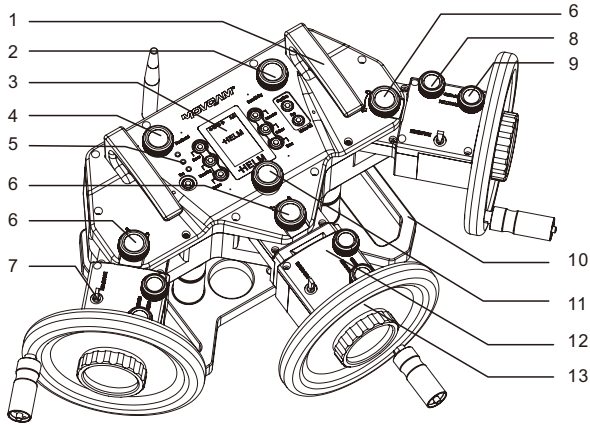
The wheel employs 2.4GHz wireless connection and built-in wireless modules. It's highly anti-jamming with long-distance transmission. MBUS port provides wired control.

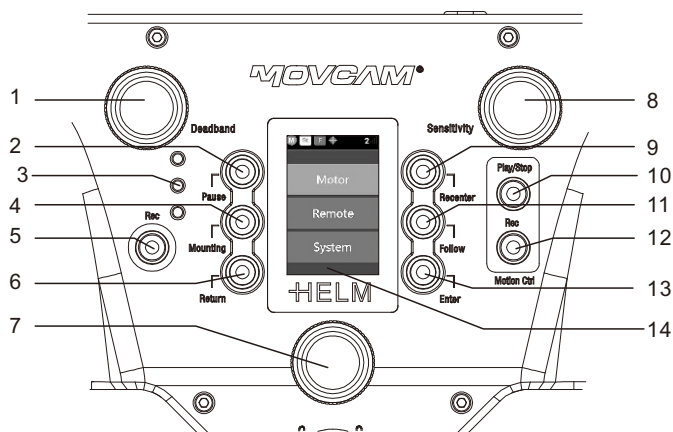There are 1/4" threaded holes for external accessories like monitor.
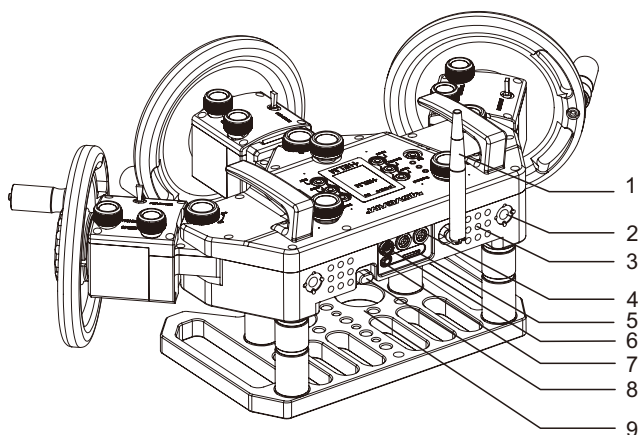
HELM | Wheels

Structure

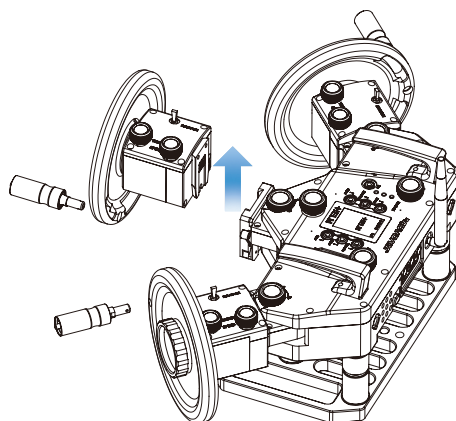|	
1、Handle	8、Speed Adjust knob
2、Sensitivity Knob	9、Tighten Knob
3、Display screen	10、Base plate
4、Deadband Knob	11、Switch/Confirm Knob
5、Indicator light	12、Detachable module
6、Angle Lock	13、Wheel
7、Reverse/switch	

Control Panel

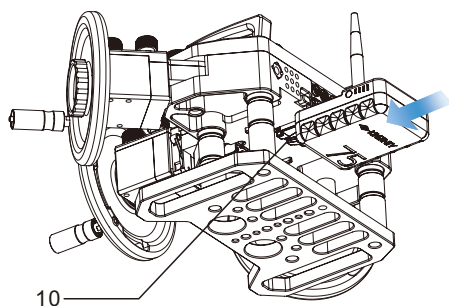1 Deadband

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
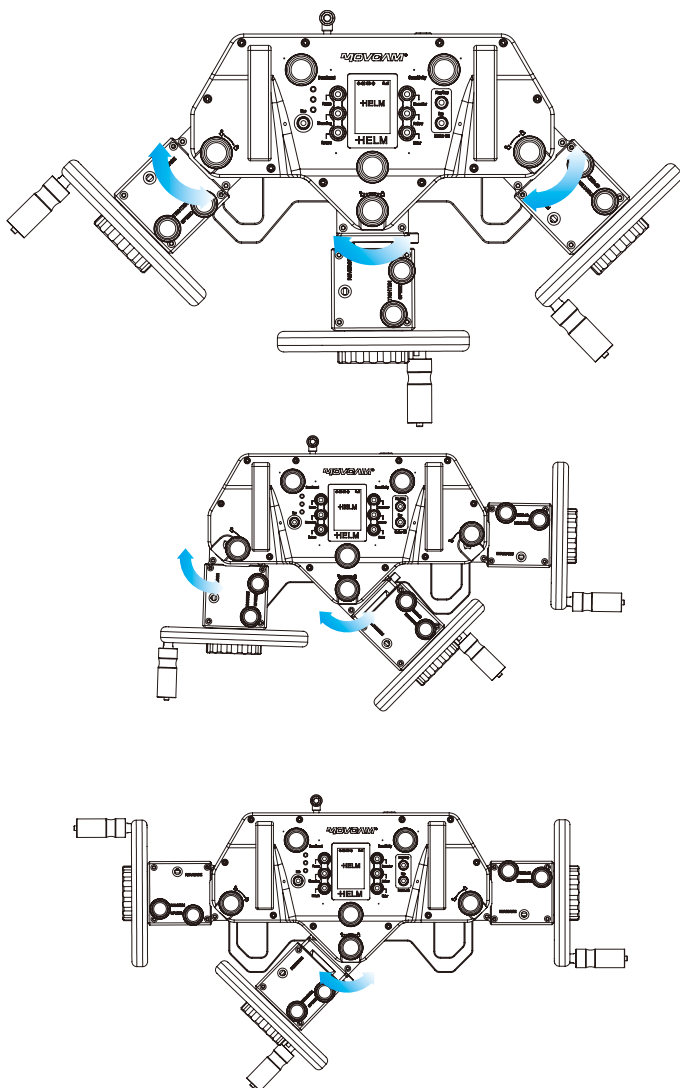
12 REC

13 Enter

14 Display screen

HELM | Wheels

1
2
3
4
5
6
7
8
9

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

10

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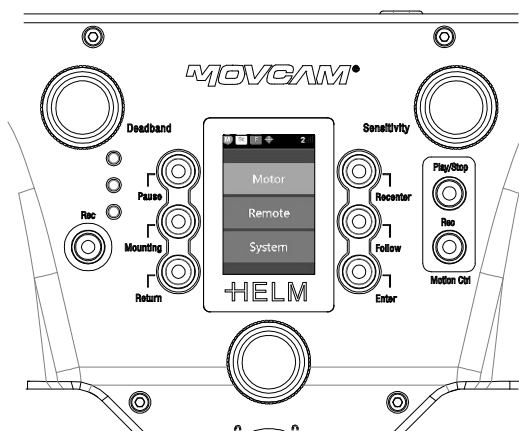
Operators can rearrange the composition of the master wheels according to their own preference and for more flexible configuration.
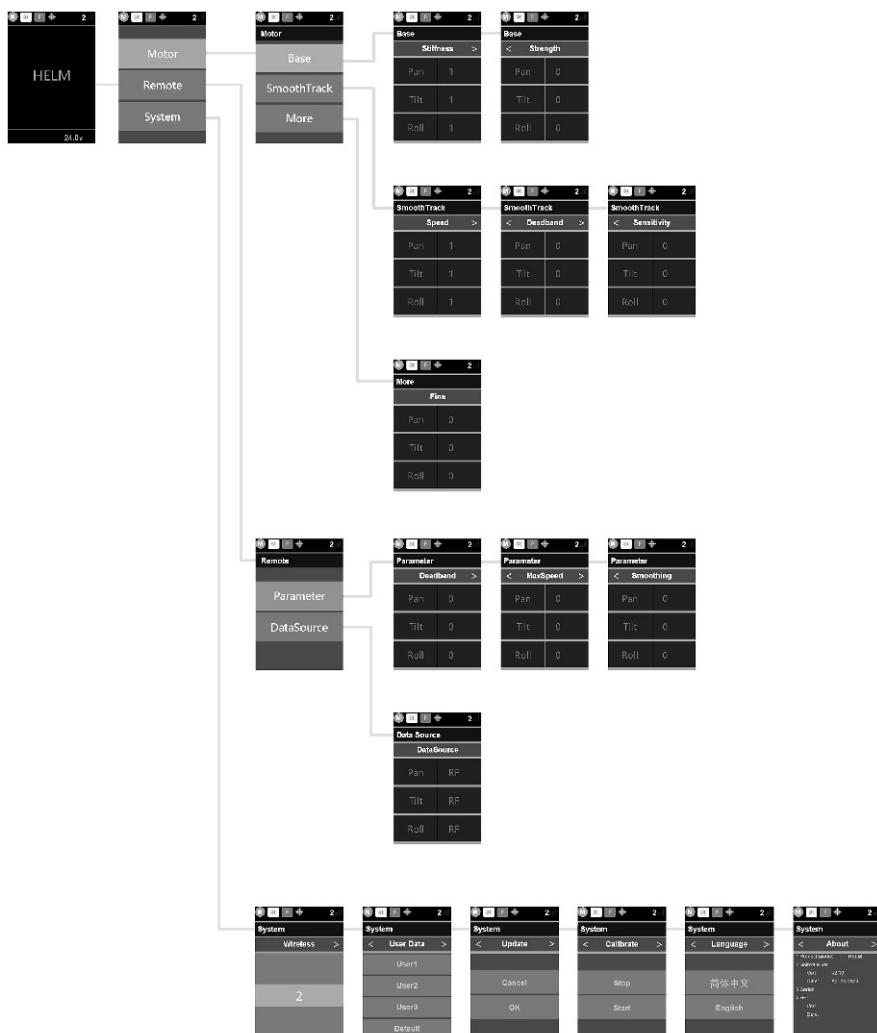
HELM | Wheels

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 ıۂll 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**.

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HELM remote controlled stabilizaion head

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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.