MOVCAM®

HELM | Control Panel

User Manual

V 1.0

MRCP-1

Movcam Tech Co.,Ltd

1、Contents

2、Learn about HELM Control Panel

3. Parameter setting

1、Contents

Helm control panel 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 control panel offers real time data synchronization for better control.

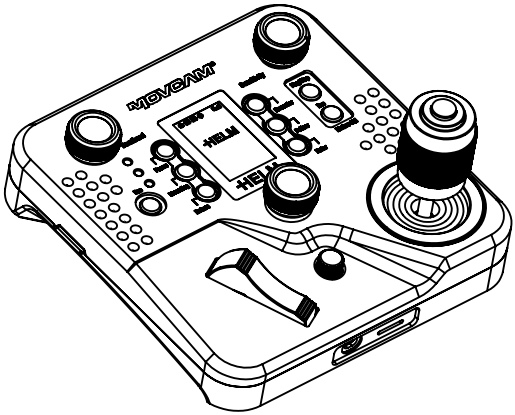
The control panel shares almost the same parameter structure and keyboard layout as that of the Helm remote head, which makes it easier for users to operate.

Helm control panel uses joystick to control the precision movement of the XYZ axis of the remote head.

The panel also offers control over lens zooming.

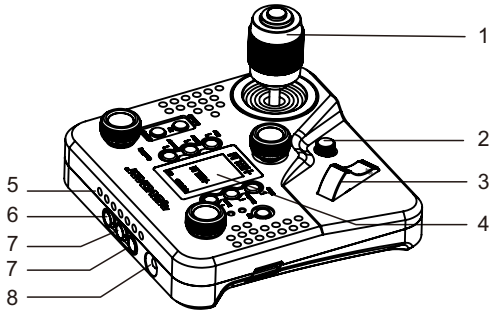
The panel employs 2.4GHz wireless connection and built-in wireless modules. It's highly anti-jamming with long-distance transmission. MBUS port provides wired control.

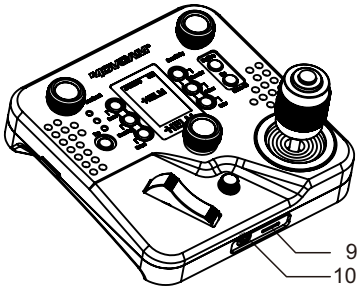
There are 1/4" threaded holes for external accessories like monitor.

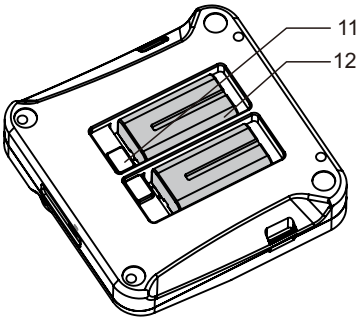


2、Learn about HELM Control Panel

Structure



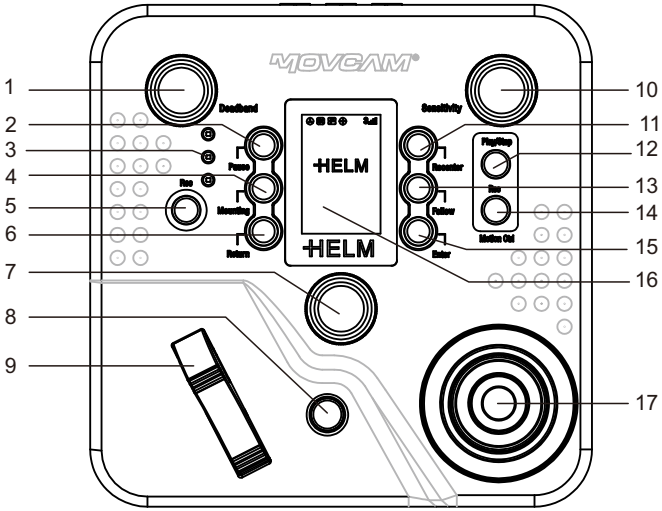




1 Joystick
2 Speed Adjust knob
3 Zoom
4 Display screen
5 1/4"threaded holes
6 Mbus
7 DC Out
8 Antenna
9 MicroSD card slot
10 Switch
11 Battery release
12 Battery(not included)*

*Batteries are not included when the product is shipped.

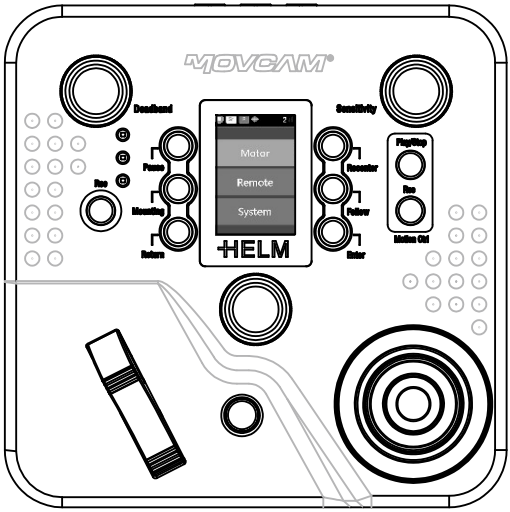
3、Control Panel



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

4. Parameter setting

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**.

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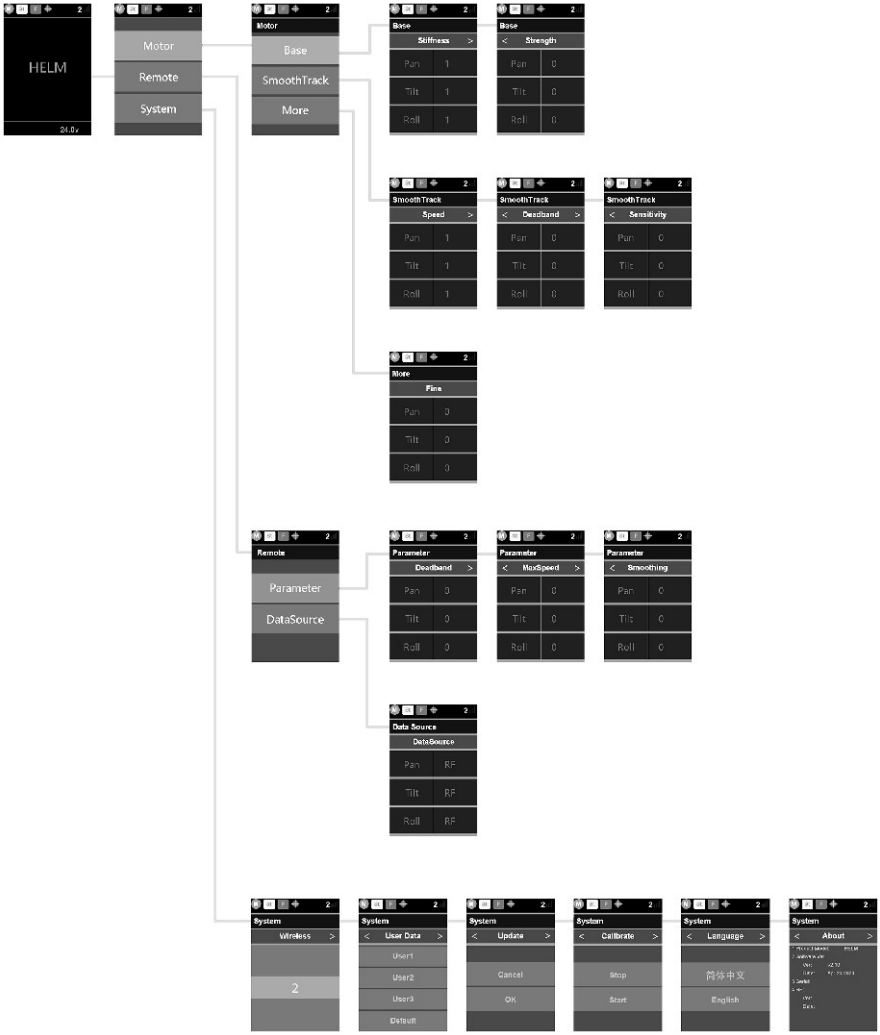

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FCC Caution:

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.