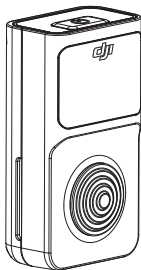


Thumb Controller

User Manual

V1.0 2015.4



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In the Box

Check to ensure that all of the following items are included in the package. If any items are missing, contact DJI or your local dealer.

The following items are included with the Thumb Controller for the Ronin-M:



Thumb Controller×1



Quick Release Accessory Mount×1



USB Cable×1



Rubber Ring×1

The following items are included with the Thumb Controller for the Ronin:



Thumb Controller×1



Quick Release Accessory Mount ×1



USB Cable×1



Receiver×1



4-Pin Cable×1



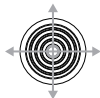
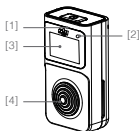
Adhesive Tape×1

Introduction

The Thumb Controller is designed specifically for DJI Ronin series handheld gimbals. It provides a simple, intuitive interface for controlling the gimbal's pan, tilt, and roll motion. The pressure-sensitive stick and the easy-to-read OLED display give Ronin users more control than ever before.

The Thumb Controller communicates with the Ronin-M via a preinstalled internal receiver. An external receiver is needed when the Thumb Controller is used with the Ronin.

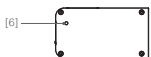
Thumb Controller



- [1] **Power Button**
Press and hold the power button to turn on/off the Thumb Controller
- [2] **Status Indicator**
Indicates the status of the Thumb Controller
- [3] **OLED Display**
Displays the menu of the Thumb Controller
- [4] **Pressure-Sensitive Stick**
Transmits the user's input to the force sensor

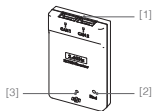


[5] Micro-USB Port
For charging the Thumb Controller and upgrading its firmware



[6] Override Button
Allow the Thumb Controller to be reactivated and updated following a failure update process

External Receiver (For Ronin Only)



[1] CAN Port
Connects the receiver to the Ronin

[2] Bind Button
Connects the Thumb Controller to the Ronin

[3] LED Indicator
Indicates the status of the receiver

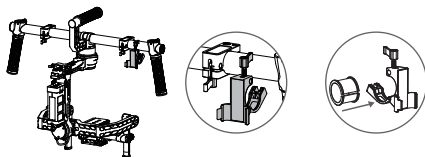


[4] Micro-USB Port
For upgrading the firmware

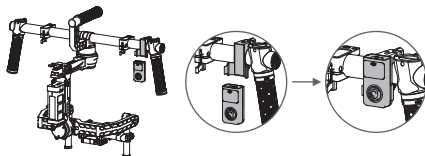
Installation

Installing the Thumb Controller

1. Install the quick-release accessory mount by clamping it around the handlebar of the Ronin and tightening the screw. Remember to place the rubber ring on the on the handlebar and clamp the accessory mount around it when installing the unit on the Ronin-M.

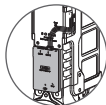
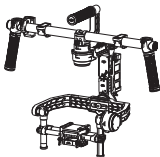


2. Insert the Thumb Controller into the quick-release accessory mount and ensure that it is secure.



Installing the External Receiver (For Ronin Only)

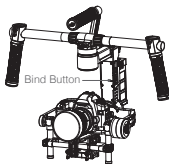
1. Use the 4-pin cable to connect the CAN port on the Ronin to the CAN 1 or Can 2 port on the receiver.
2. Use the adhesive tape to secure the receiver on the Ronin.



Connecting the Thumb Controller to the Gimbal

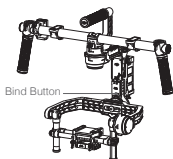
Connecting the Thumb Controller to the Ronin-M

1. Turn on the Ronin-M.
2. Press the Ronin-M's Bind Button (shown below) one time. The LED indicator on the Ronin-M will rapidly blink green.
3. Turn on the Thumb Controller. If the LED indicator on the Ronin-M and the LED indicator on the Thumb Controller both glow solid green, they have been successfully connected.



Connecting the Thumb Controller to the Ronin

1. Turn on the Ronin.
2. Press the Bind Button on the receiver one time. The LED indicator on the receiver will rapidly blink green.
3. Turn on the Thumb Controller. If the LED indicator on the receiver and the LED indicator on the Thumb Controller both glow solid green, they have been successfully connected.



The binding process only needs to be completed one time, unless the bind button is pressed or the Ronin/Ronin-M needs to be connected to another Thumb Controller.

Indicator Status

Thumb Controller LED Indicator Status	Description
 — Solid Red	The Thumb Controller is being updated
 Blinking Red	The Thumb Controller is not connected to the receiver
 — Solid Green	The Thumb Controller is connected to the receiver
 Blinking Green	The update process is complete
 — Solid Yellow	The Thumb Controller is fully charged

External Receiver LED Indicator Status	Description
 — Solid Red	The receiver is being updated
 Blinking Red	The Thumb Controller is not connected to the receiver
 — Solid Green	The Thumb Controller is connected to the receiver
 Blinking Green	The update process is complete
 Blinking Green Quickly	Binding

Using the Thumb Controller

To enter the Main Menu, press and hold the center of the pressure-sensitive stick.

