Quick Start Guide

1 Start
A. Download and install the DJI Assistant app.
B. Connect your Ronin-M to the tuning stand and install the top handle assembly. Make sure the handle bars are fully inserted into the Ronin-M and tighten the thumb screws.
C. Slide the power switch to the right to power on the remote control. If the LED of gimbal turns solid red, please recharge the battery via the micro USB port.

2 Assembling the Ronin-M
A. Display the tuning stand as shown. Remove the lower leg of the handle and slide it into the bottom base of the stand. The upper leg is fixed in the position shown. The remote control is fully assembled when it is mounted on the Ronin-M. The button used to control the roll axis is a paperclip.
B. Assembling the handle bar. Attach the handle bar to both sides of the top handle. Tighten the thumb screws to secure the handle bar. The handle assembly is then in the preferred position.
C. Attach the Ronin-M to the handle. Slide the handle bar horizontally into the gimbal and tighten the lock-knobs.
D. To mount the DJI Intelligent Battery into the Ronin-M, loosen the two lock-knobs on the side assembly. Pull the battery out of the gimbal and then slide it back to the position shown. Tighten the lock-knobs.

3 Mounting the Camera on the Mounting Plate
A. Attach the camera to the mounting plate and tighten the screws.
B. Attach the lens support to the mounting plate.
C. Apply upward pressure to the lens support and tighten the screw.

4 Mounting the Camera on the Ronin-M
A. Hold the camera plate so that the lens support is pointing upward and loosen the two lock-knobs. Gently slide the camera up until the safety lock engages. Make sure the camera first achieves a rough balance by sliding the camera platform forward and back. The camera should not tilt forward (lens heavy) or backward. When you have arrived at a rough balance, tighten the side clamps.

5 Balancing
A. Balancing the Vertical Tilt
   - Rotate the tilt axis so that the camera lens is pointing upward and loosen the two lock-knobs. Gently slide the camera up until the safety lock engages. Make sure the camera first achieves a rough balance by sliding the camera platform forward and back. The camera should not tilt forward (lens heavy) or backward. When you have arrived at a rough balance, tighten the side clamps.
B. Balancing the Roll Axis
   - Locate the roll axis and slide the camera left or right until the roll axis remains level and then tighten the two lock-knobs.
C. Balancing Depth for the Tilt Axis
   - Loosen the side clamp to slide the camera forward or backward until the tilt axis remains level and then tighten the side clamp.
D. Balancing the Pan Axis
   - Open the clamp on the pan axis and turn the knob to slide the assembly. Tighten the clamp after balancing is completed.

6 Pairing the DJI Ronin-M Assistant App
A. Power on the Ronin-M. Switch on/off the Briefcase Mode as needed.
B. Select SmoothTrack Mode as needed. In the SmoothTrack options menu, the settings for the pan axis, tilt axis and the roll axis can be independently adjusted.
C. Adjust the control speed.
D. If the Ronin-M starts to vibrate, please rebalance the camera.

7 DJI Ronin-M Assistant App Settings
A. With the Ronin-M on the tuning stand and a properly balanced camera, tap the Auto Tune Stability button.
B. Switch on/off the QuickStart Mode as needed.
C. Switch on/off the SmoothTrack Mode as needed in the SmoothTrack options menu, the settings for the pan axis, tilt axis and the roll axis can be independently adjusted.
D. Adjust the control speed.

8 Pairing with PC/MAC Assistant (Alternate Work Flow)
A. Connect the Ronin-M to your computer via USB cable and be sure the Ronin-M is powered on.
B. Download the PC/MAC Assistant from DJI.com (ensure you have also installed the DJI Windows Driver first if you are installing it on a Windows Operation System), and then launch the Assistant.
C. Click the Auto Tune Stability button.
D. Reduce motor stiffness settings if the Ronin-M shakes.
E. Switch on/off the Briefcase Mode and SmoothTrack Mode as needed. Adjust the maximum control speed.

9 Connecting the Remote Control to Ronin-M
A. Turn on the Ronin-M.
B. Press the rejoiced Bind Button (shown below) of the Ronin-M once with something sharp such as a paperclip.
C. Slide the power switch to the right to power on the remote control. If the LED of gimbal turns solid green light, the remote control and the Ronin-M have been successfully bound.
D. Test the remote control to see if it is paired.

10 Remote Control Operation
A. MODE:
   - The MODE switch is used for toggling SmoothTrack.
   - Position 1: Free, SmoothTrack Off
   - Position 2: Free, SmoothTrack On
   - Position 3: Revert to Center, SmoothTrack On
   - Position 4: Revert to Center, SmoothTrack Off
   - Position 5: Revert to Center

B. FUNCTION:
   - The FUNCTION switch is used to select the SmoothTrack speed.
   - Position 1: Fast
   - Position 2: Normal
   - Position 3: Slow

C. Left Stick: Horizontal movements on the left stick control the roll axis.
D. Right Stick: Horizontal movements on the right stick control the pan axis. Vertical movements on the right stick control the tilt axis.