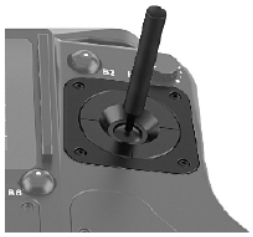
RCP-2 EVO
Broadcast Joystick, Micro Force Joystick, Standard Joystick, Focus Knob, Zoom Rocker

ASSEMBLY INSTRUCTION

May 2024 • 1.0 • English

K2.0039881 Broadcast Joystick

K2.0039882 Microforce Joystick



K2.0039880 Standard Joystick

K2.0019291 Focus Knob

K2.0019292 Zoom Rocker

Disclaimer

Before using the product, be sure to read and understand all respective instructions.

The product is available for commercial customers only.

For product specification changes since this document was published, refer to the latest publications of ARRI data sheets or data books, etc., for the most up-to-date specifications.

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Initial Language

The initial language of this operating manual is English. Operating manuals in other languages are translations from English.

Original version.

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1 About this Document

This user manual contains detailed information about the features and functionalities of the device. Please visit the website http://www.arri.com to download the operating manual, where applicable, and much more information about this and other ARRI products.

Keep all manuals and all other operating and assembly instructions belonging to the device in a safe place for future reference and possible subsequent owners

Document Revision History

Version	Release	Date	Note
1.0		May 2024	First Release

2 Safety Instructions

WARNING

Connected Cable on the Floor

Risk of injury caused by tripping, falling or slipping over connected cables.

- ▶ Always properly secure cables connected to the device and accessories.
- ▶ Always install cables that they cannot be tripped over.
- ▶ If necessary, use a cable duct or secure the cables with adhesive tape.
- ▶ Always disconnect the cables from the device and accessories before moving.

WARNING

Falling System Parts

Do not built up or assemble the RCP-2 EVO (ib) the wrong way. It can fall down and cause serious injuries and damage to the device or property.

- ▶ Installation and operation must only be carried out by approved persons who know the device. Obey the accident prevention regulations.
- ▶ Never put the device on a not stable trolley or hand truck, stand, tripod, bracket, table or any other not stable support device.
- ▶ Always place the device on dedicated support devices.
- ▶ Always use a suitable safety rope when you use the device above floor level (i.e. on cranes).
- ▶ Secure the device and its accessories against falling and tipping over. Obey the general and local safety regulations.

CAUTION

Improper Mounting of Accessories

Mounting the RCP-2 EVO (ib) poses a crushing hazard for fingers and/or hands.

- ▶ Before mounting the RCP-2 EVO (ib) read the operating instructions provided by the manufacturer.
- ▶ Always use the tools specified by the manufacturer for mounting.

3 Note

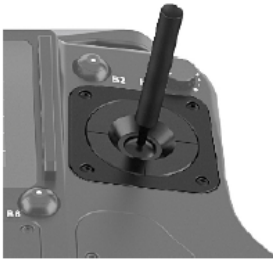
The basic version of the 360 EVO stabilized remote is provided without controllers.

The joystick, as also controllers for focus and zoom must be ordered separately.

Available controllers:

K2.0039881 Broadcast Joystick

K2.0039882 Microforce Joystick



K2.0039880 Standard Joystick

K2.0019291 Focus Knob

K2.0019292 Zoom Rocker

NOTICE

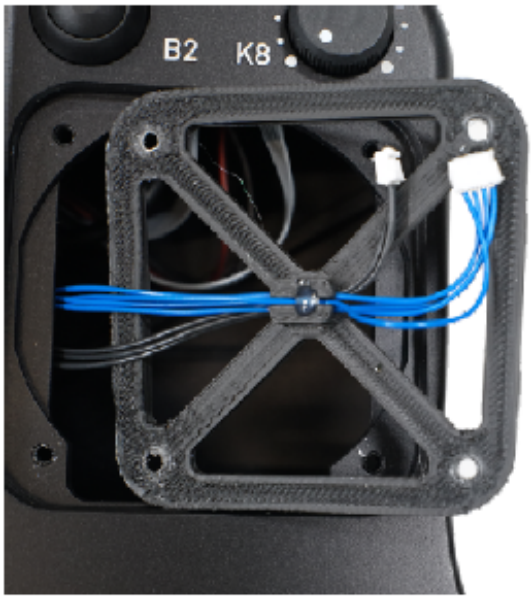
Needed tools

Special tools are not required. This means that the customer can also perform the upgrade.
-> Only a TX10 Torx screwdriver is needed.

4 RCP-2 EVO Preparation

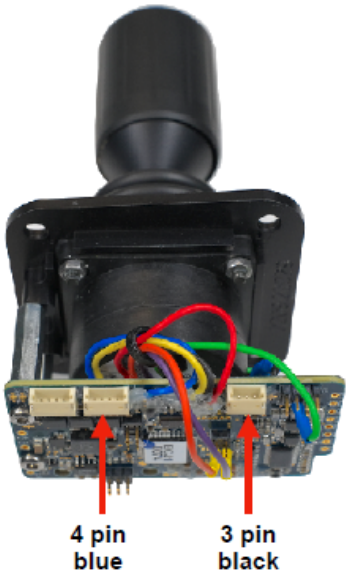
1. Use TX 10 to remove the four screws and the 3D printed frame.

2. Carefully remove the drop of adhesive and lift the two cables out of the slot.



5 Broadcast Joystick

1. There are 4pin sockets and one 3pin socket on each joystick board. Please use the shown sockets.



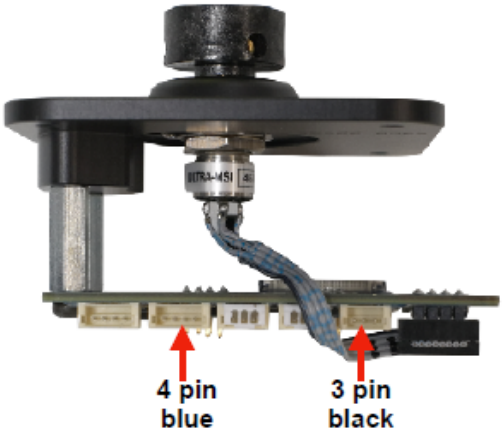
2. The blue cable must be connected to a 4pin socket and the black cable to the 3pin socket.

3. Tilt the joystick slightly towards you to make it easier to insert into the RCP-2 EVO housing.

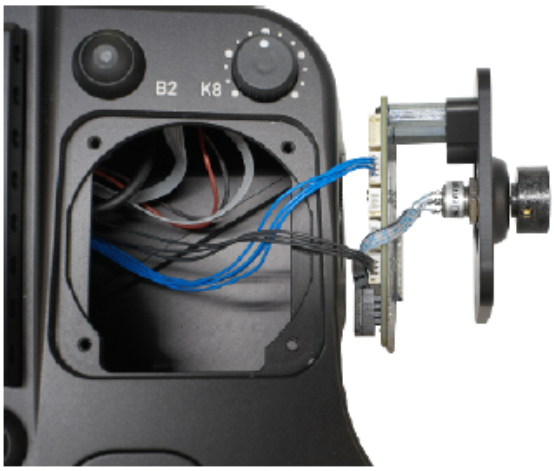
4. Position the four Torx screws and tighten them with the Torx 10 screwdriver.

6 Micro Force Joystick

1. There are 4pin sockets and one 3pin socket on each joystick board.



2. The blue cable must be connected to a 4pin socket and the black cable to the 3pin socket.



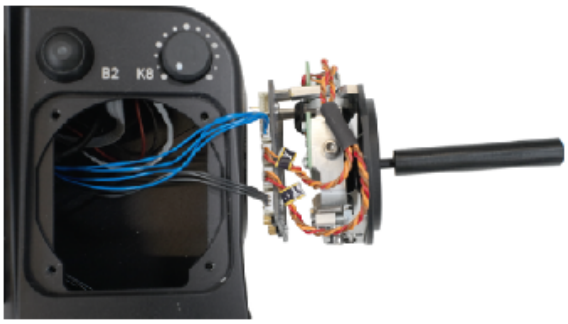
3. Tilt the joystick slightly towards you to make it easier to insert into the RCP-2 EVO housing.

4. Position the four Torx screws and tighten them with the Torx 10 screwdriver.

7 Standard Joystick

1. There are 4pin sockets and one 3pin socket on each joystick board.

2. The blue cable must be connected to a 4pin socket and the black cable to the 3pin socket.



3. Tilt the joystick slightly towards you to make it easier to insert into the RCP-2 EVO housing.

4. Place the joystick.

HINT

Position of RCP-2 EVO

Make sure that the joystick is correctly positioned in the RCP-2 EVO as shown in the image.

5. Place the joystick cover. Position the four Torx screws and tighten them with the Torx 10 screwdriver.

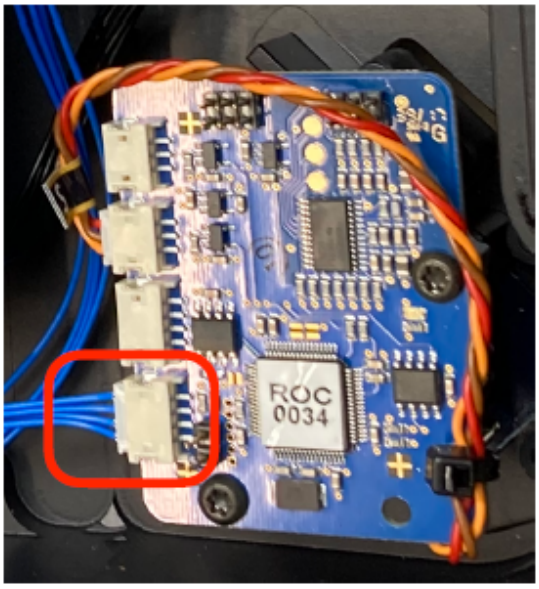
8 Focus Wheel & Zoom Rocker

1. Use the Torx 10 to remove the both blank covers.

2. Turn the RCP over and remove the six Torx screws on the back.

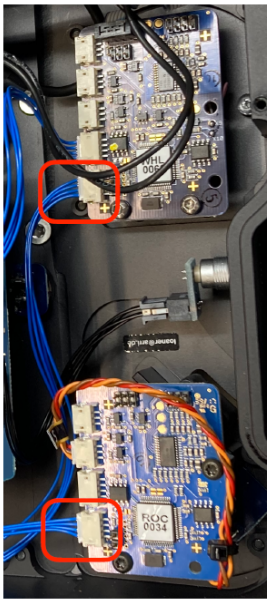
3. Place the Zoom Rocker and the four Torx screws and tighten them with the Torx 10 screwdriver.

4. The Focus and Zoom controllers are connected to each other by Daisy-Chain. This means that first the zoom rocker is connected via the blue bus cable to the focus wheel, and then the focus wheel is connected with the second bus cable to the main board. Please ensure that the bus cable is securely connected to any of the two four-pin ports located on the focus wheel board.

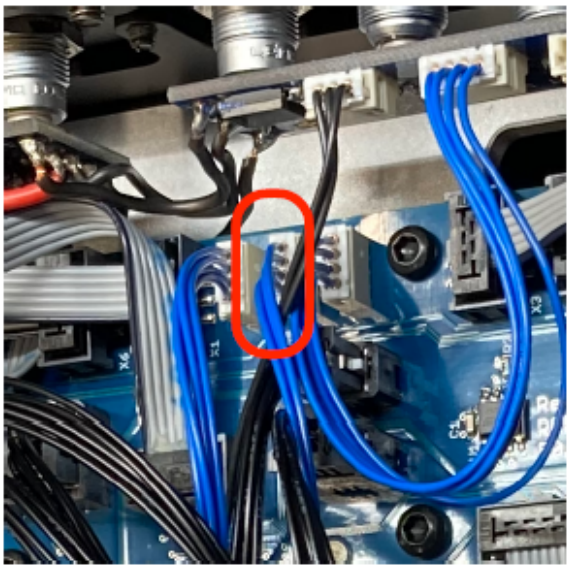


5. Place the Focus Wheel and the four Torx screws and tighten them with the Torx 10 screwdriver.

6. The bus cable from the Zoom Rocker board needs to be connected to the Focus Wheel board.



7. Connect the bus cable from the Focus Wheel board to the available free socket on the main board.



8. Turn the remote control housing over, insert the bottom cover and the six Torx screws and tighten the screws evenly.

9 Assigning the Joysticks

Please refer to the instructions **RCP-2 EVO Remote Control Panel** for assigning the appropriate controllers. The manual can be found at the bottom of the page. https://www.arri.com/en/camera-systems/camera-stabilizer-systems/360-evo

RCP-2 EVO
Remote Control Panel
USER MANUAL

ARRI