Operator Control Unit OCU-1

Main Features

- Override function
- Three user buttons
- EF lens control
- LBUS integration
- Small, solid, lightweight
- Flexible mounting options
- Affordable price

Small lens controller and WCU-4 override solution

DOPs and camera operators want to have full control over their tools. For example, to be able to check focus by eye during framing or to do adjustments when focus is slightly off while the focus puller has control with the WCU-4. That was always a problem when motors are attached to the lens.

ARRI's Operator Control Unit OCU-1, is an addition to the WCU-4 lens control system and enables operators to override and return focus, iris, and zoom controls at the touch of a button.

This simple device does exactly what the name implies. It gives camera operators full control of their lenses when they want it. The OCU-1 will help to save precious time as the camera operator will always have the ability to control the lens with the main feature of the OCU-1: The Override Function.

Fitting into a long ARRI tradition of innovation, the OCU-1 will improve on-set efficiency and control. It is small, lightweight, and easy to use, has the same control wheel, display and LBUS integration as the ARRI Master Grips, and with its flexible mounting options it can be easily mounted onto common 15mm or 19mm rods, ARRI Rosette, or 3/8" mounts. The wheel can also be used to control the roll axis of the ARRI Stabilized Remote Head SRH-3.

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The Override Function - Workflow

STEP 1

The setup of the OCU-1 is similar to the Masters Grips.
First you have to assign the three User Buttons with the functions of your choice. For example put the camera user button 1 (UB 1) to the soft button 1. The toggle between focus, iris, zoom (FIZ) to soft button 2 and the Override function (OVR) to soft button 3.

STEP 2

Before the operator is doing the override he/she has to select the lens axis which shall be taken from the wireless handunit the WCU-4.
In our case we've chosen the focus axis.
As the focus puller now has the control over that axis, the OCU-1 shows „FOCUS Not connected".

STEP 3

To overtake the focus control, the camera operator has to press the override button (OVR) assigned to soft button 3. The OCU-1 LEDs now shine bright blue and the touchscreen shows the focus lens data.
This means the OCU-1 has the control. The operator can now change the focus distance. On the WCU-4 the black background of the focus scale turns red.

STEP 4

To return the focus control to the focus puller, the camera operator has to press the OVR button again.
The OCU-1 LEDs are now OFF and the touchscreen shows the info „FOCUS not connected".
This time the background of the focus scale on the WCU-4 turned green.

STEP 5

To take back the focus control without any jumps, the focus puller has to move the yellow triangle to the new focus mark position.
For example from 2' 8.0 to 2' 6.0.
As he/she overrides the mark, the background turns black again and the WCU-4 has the focus control back.

Operator Control Unit OCU-1 Basic Set **K2.0020002**

Includes:
K2.0022269 1x OCU-1 Dovetail Mounting Interface

Operator Control Unit OCU-1 Extended Set **K2.0022270**

Pre-configured set with Operator Control Unit OCU-1 and accessories, suitable for controlling prime lenses on ALEXA Mini cameras.

Includes:

K2.0020002 1x Operator Control Unit OCU-1 Basic Set

K2.0020003 1x OCU-1 Rosette Bracket

K2.0006176 1x CLM-5/cforce mini Clamp Console 19/15mm

Note: cforce motors, respective LBUS cables not included!

Optional Accessories:

OCU-1 Dovetail Mounting Interface	K2.0022269
OCU-1 Rosette Bracket	K2.0020003