

ENGLISH VERSION

MAIN SPECIFICATIONS

- Input Voltage 12V DC
- Current Consumption Approx. 50mA (Approx.)
- Mass 0.5 kg (Approx.)
- Operating Temperature -10°C ~ +50°C
- Storage Temperature -20°C ~ +60°C

OPERATING INSTRUCTION

Note. This product can not be used with analog control lens. This Unit can be focused with the focus control knob.

The operation range of the focus control knob is 1 rotation for EPD-41A-D01 and 2 rotation for EPD-41A-D02.

The focus changes in accordance with the rotational movement of the knob.

The operating direction of the focus for the rotational movement of the Focus Control Knob can be changed by setting the Reverse Switch.

(When the Focus Control Knob is turned in the direction shown in the illustration of the side, to which the switch is pressed down, the focus is moved in the "Infinity" direction.)



INSTALLATION

There are two ways in which the Unit can be mounted: installation on a pan bar using a Mounting Clamp, and installation onto the Camera body or accessory mount of a lens supporter using mounting hardware.

The procedure described below is for mounting this Unit using a Mounting Clamp.

Note 1. Before installation, turn off the power of the Camera.

Note 2. When the power of the Camera is turned on after installation, the initial Lens setup will be carried out. The initial setup takes a different amount of time for different Lenses. Refer to the Operation Manual for your Lens.

During setup, the Lens cannot be controlled from this Unit.

- First, install a Mounting Clamp onto a pan bar.
- Fit the joint of the Unit to the joint of the Mounting Clamp.
- Adjust the angle at which the Unit is attached to suit the operator, then tighten the attaching screw to fix the Unit securely.

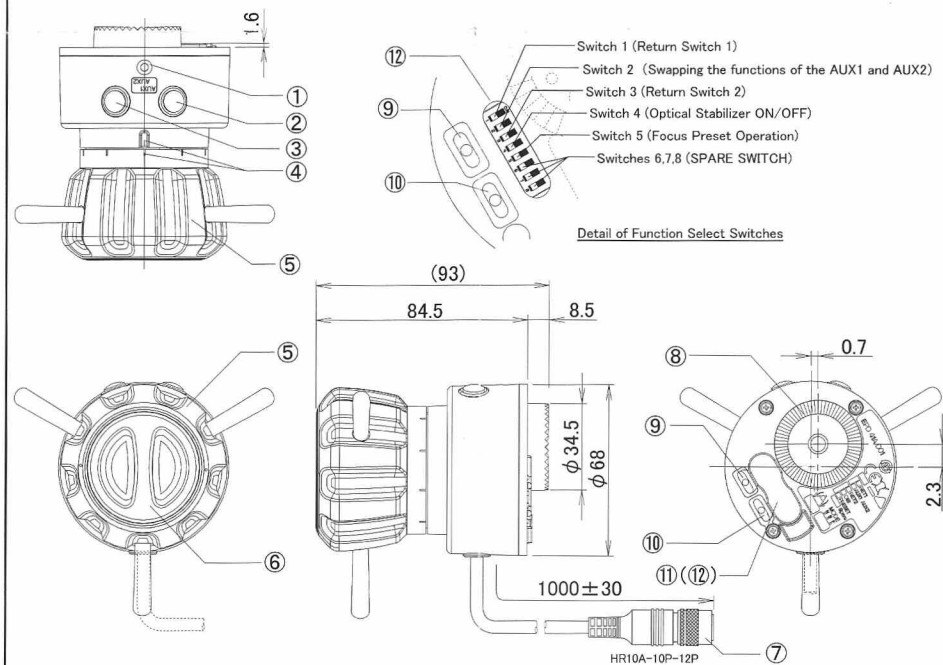
CAUTION When tightening the attaching screw, be careful not to put your finger between the attaching screw and the Mounting Clamp or the Unit as doing so may cause injury if your finger is pinched.

WARNING Be sure to attach or tighten all the parts securely. Droppings of these parts from a height may cause a severe accident.

- Install Connection Cables. (See Configuration.)

NAMES AND FUNCTIONS

EPD-41A-D01/D02



(unit: mm)

① INDICATOR

The setting of the Optical Stabilizer function or Focus Preset function is indicated by the LED. The status indicated by the LED will be different depending on the function assigned to "AUX1 Switch ②" and "AUX2 Switch ③." For details, refer to "⑫ Function selection switch".

② AUX1 SWITCH

③ AUX2 SWITCH

No function is assigned to this switch in the default setting. Various functions can be operated by assigning them using the "Function Select Switches ⑫." For details about each function, refer to the "Function Select Switches ⑫" section.

④ INDEX LINE

The index line is used as a guide for operating the "Focus Control Knob ⑤."

⑤ FOCUS CONTROL KNOB

The focusing operation can be performed with this knob. Refer to the "Operating Instructions" section.

⑥ TORQUE CONTROL KNOB

The operating torque of "Focus Control Knob ⑤" can be adjusted with this knob.

Turning it CW relative to the knob increases the torque and turning it CCW decreases it.

⑦ CONNECTOR TO LENS

This connector is linked with a Lens via a Connection Cable.

⑧ JOINT

This joint is joined with the joint of a Mounting Clamp in installation of this Unit.

⑨ Reverse Switch

By operating this switch, the operating direction of the focus can be changed.

⑩ Focus Mode Select Switch

The focus can be fine-tuned either on the infinity side or on the MOD side. Operate the switch to select either "Infinity", "Standard", or "MOD".

Setting of Switch

Far	: Fine Focusing on Infinity Side
Near	: Fine Focusing on MOD Side
Standard	: Standard Focusing



⑪ Rubber Cap

This cap is used for protecting the Function Select Switches.

⑫ Function Select Switches

Switches 1 to 8 can be seen inside if the rubber cap is removed. These Switches are used to select the functions of this Unit.

Note. Turn OFF the Lens power before operating these switches.

Item	Switch No.	Function
Default setting	All OFF	No Action
Function of AUX1	Switch 1 ON	Return Switch 1
	Switch 2 ON	Swapping the functions of the AUX1 and AUX2 Switches
	Switch 3 ON	Return Switch 2
Function of AUX2	Switch 4 ON	Optical Stabilizer ON/OFF
	Switch 5 ON	Focus Preset
	Switch 6 ON	
Spare Switch	Switch 7 ON	No Action
	Switch 8 ON	

Note. If more than two switches from Switch 3 to Switch 5 are set to ON simultaneously, the function with the smallest number has priority.

■ Description of selection functions

• Switch 1 (Return Switch 1)

When this switch is set, the Return 1 circuit is closed as long as "AUX1 Switch ②" is pressed.

• Switch 2 (Swapping the functions of the AUX Switches)

When this switch is set to ON, the functions of the "AUX1 Switch ②" and "AUX2 Switch ③" are swapped.

• Switch 3 (Return Switch 2)

When this switch is set, the Return 2 circuit is closed as long as "AUX2 Switch ③" is pressed.

• Switch 4 (Optical Stabilizer ON/OFF)

The anti-vibration function of a vibration-proof lens can be set to "AUX2 Switch ③". This function is activated by turning Switch 4 to ON before turning the Camera power ON. Pressing the AUX2 Switch turns the anti-vibration function ON or OFF. When it is ON, Optical Stabilizer "Indicator ①" illuminates and the anti-vibration function activates. When it is turned OFF, the Optical Stabilizer Indicator goes out and the lens inside the anti-vibration mechanism stays in the center of the optical axis.

Note 1. Turn OFF the Lens power before operating this switch.

Note 2. This function is not available for all vibration-proof lenses, especially older models. For details, please contact the sales agent you purchased the product from.

• Switch 5 (Focus Preset Operation)

When this switch is set to ON, the Focus Preset function of the Lens can be operated using the "AUX2 Switch ③."

a. Setting the Focus Preset Mode

When the "AUX2 Switch ③" is pressed and held down, the setting mode is selected and "Indicator ①" flashes.

b. Storing a focus preset position

Pressing the "AUX2 Switch ③" at the specified focus position stores it as a focus preset position and the setting mode is terminated. When this occurs, the Indicator goes out.

c. Starting the Focus Preset function

When the "AUX2 Switch ③" is pressed after setting the focus preset position, the Focus Preset Operation starts up. When the Focus Preset Operation starts, the focus moves to the focus preset position and "Indicator ①" illuminates.

d. Canceling the Focus Preset function

When "AUX2 Switch ③" is pressed again, the Focus Preset Operation is canceled. When the Focus Preset Operation is canceled, the focus moves to the position set in accordance with the rotational movement of "Focus Control Knob ⑤," and "Indicator ①" goes out.

Note 1. When the "Focus Control Knob ⑤" is operated while the Focus Preset function is set to ON, the focus moves using the preset position as a reference point. (In that case, it may not be possible to operate the Focus Control Knob in the range from the MOD end to the infinity end, depending on the position of the reference point.)

Note 2. When this Unit is used in combination with a digital Zoom Rate Demand Unit, the Zoom Preset Operation and Focus Preset Operation can be started simultaneously.

(1) When the preset switch of the Zoom Rate Demand Unit is set to ON in the condition where the zoom and focus preset positions have been stored, the preset shot of zoom and focus being set is played back and "Indicator ①" of this Unit flashes.

(2) To cancel the preset shot, use each Demand Unit independently. When "AUX2 Switch ③" of this Unit is pressed, only the Focus Preset Operation is canceled.

(The zoom preset operation must be canceled by operating the Zoom Rate Demand Unit.)

(3) When the Focus Preset Operation is canceled by pressing "AUX2 Switch ③" of this Unit, "Indicator ①" stops flashing and the previous status is restored (the Indicator illuminates if it was illuminated and it goes out if it was not illuminated). In that case, the Zoom Preset Operation is retained.

(4) For the zoom operation to be performed after the preset operation is canceled using the preset switch of the Zoom Rate Demand Unit, refer to the Operation Manual of the Zoom Rate Demand Unit.

Note 3. If the preset shot is set to ON, the preset cancellation operation is executed when "AUX2 Switch ③" is pressed for the first time, regardless of the function assigned to it using the "Function Select Switches ⑫." When "AUX2 Switch ③" is pressed next time after cancellation of the preset operation, the function assigned to it using the "Function Select Switches ⑫" is executed. When the preset shot is set to ON repeatedly on the Zoom Rate Demand Unit, the above operation is repeated.

• Switches 6,7,8 (SPARE SWITCH)

This is a spare switch.