

## Lens Accessory Studio Conversion Kit SS-41-IASD

### ENG OPERATION MANUAL

Before using the product, make sure to read the "GENERAL SAFETY INFORMATION" and be sure to use the product correctly.

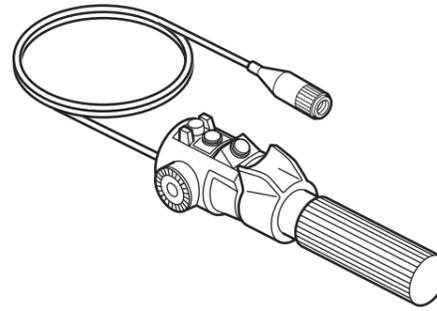
Thank you for purchasing a studio conversion kit <SS-41-IASD>.

The studio conversion kit <SS-41-IASD> supplies all the accessories necessary to convert cameras mounted with digital drive unit loading lens into "rear view" TV cameras that can be mounted on a tripod.

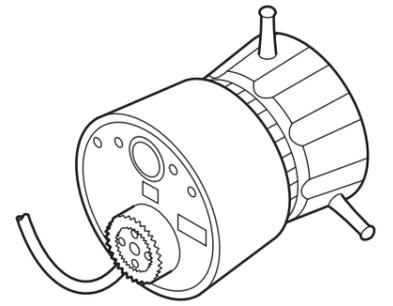
When using the lens of analog drive unit loading, a conversion cable <ZSD-300D:CC-0820/FPD-400D:CC-0620> is needed separately. In that case, a part of the function is restricted.

### 1 PRODUCT COMPONENTS

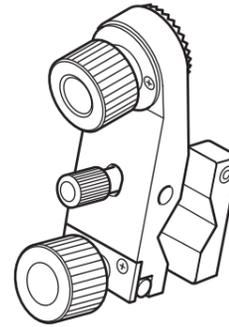
Zoom demand (ZSD-300D)



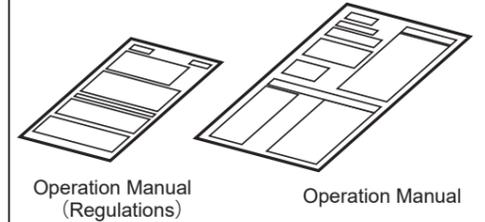
Focus demand (FPD-400D)



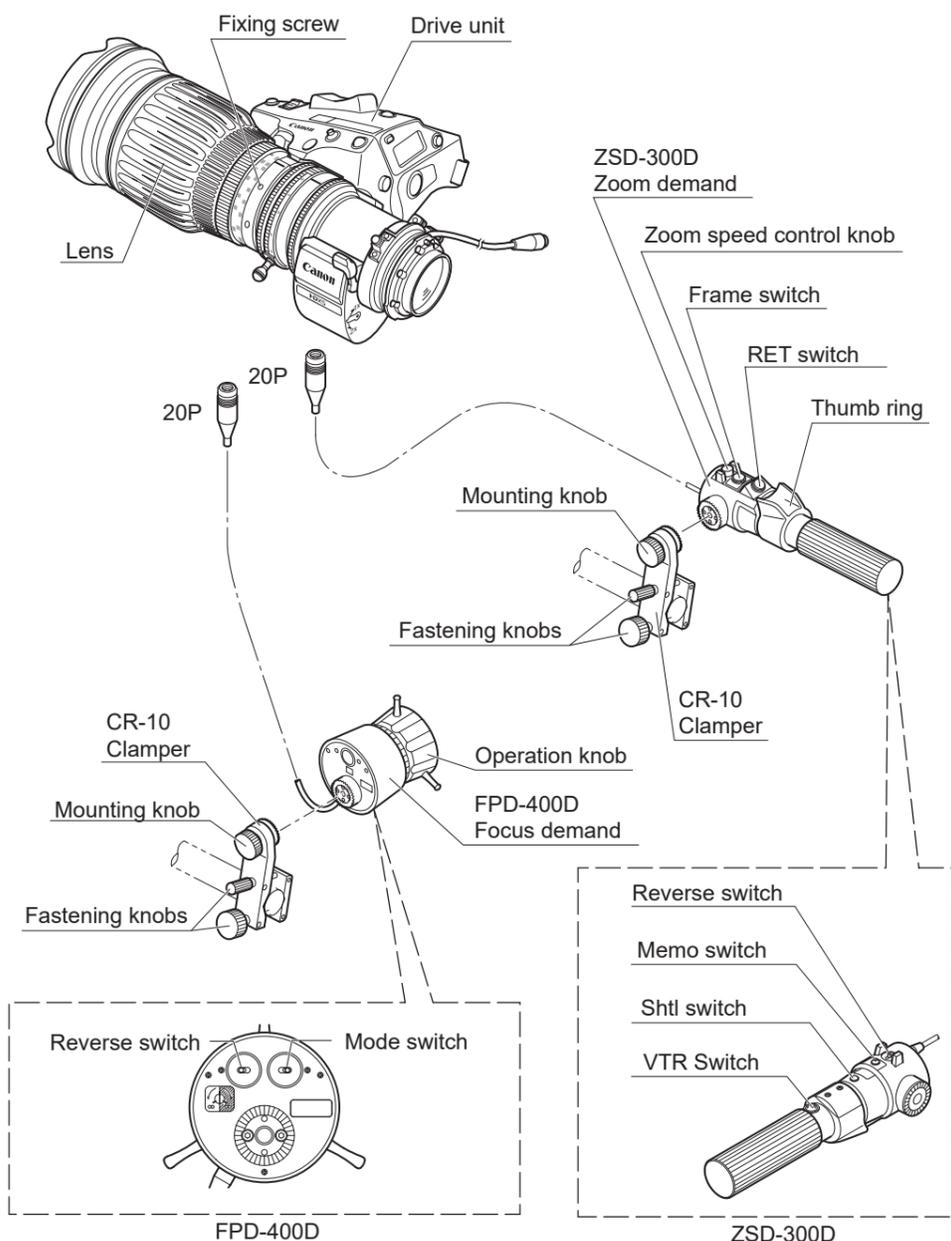
Clamper (CR-10)



Operation Manual



### 2 SYSTEM CONFIGURATION



### 3 MOUNTING

#### [Attaching focusing accessories]

1. Loosen the large and small fastening knobs of the clamper provided. Mount this unit onto panning handle of the tripod, and tighten both fastening knobs to secure the clamper.
2. Engage the rose joint of the focus demand and that of the clamper, and then tighten them with the mounting knob.
3. Connect the focus demand cable to the 20-pin connector at the bottom of the lens drive unit. Any of the 20-pin connectors can be connected.
4. Make sure that the focus ring on the lens body rotates by turning the operation knob of the focus demand.

#### [Attaching zooming accessories]

1. Loosen the large and small fastening knobs of the clamper provided. Mount this unit onto panning handle of the tripod, and tighten both fastening knobs to secure the clamper.
2. Engage the rose joint of the zoom demand and that of the clamper, and then tighten them with the mounting knob.
3. Connect the zoom demand cable to the 20-pin connector at the bottom of the lens drive unit. Any of the 20-pin connectors can be connected.
4. Make sure that the zoom ring on the lens body rotates by turning the thumb ring of the zoom demand.

## 4 OPERATION

### [Focusing operation]

Set the focus operation change-over knob at the bottom of the lens drive unit to the <SERVO> position. This setting operation can be performed more smoothly if the knob is moved while rotating the focus ring slightly.

#### 1. Basic operation

##### < Focusing operation / Opeation knob operation >

To focus, rotate the operation knob of the focus demand. By default, as viewed from the grip side,

Right rotation: To maximum object distance

Left rotation : To minimum object distance

##### < Changing the focusing direction >

The focus direction may be changed by switching the position of the reverse switch.

##### < Focus characteristics curve selection >

The focus characteristics curve selection switch can be used to select either line or curve modes for the focus movement characteristics.

STANDARD Mode (switch at left side) :

Standard characteristics where the focus lens group moves linearly when the knob is rotated.

FAR Mode (switch at right side) :

Curve characteristics where the focus lens group exhibits less movement as it approaches the FAR end when the knob is rotated. This mode makes it easy to perform fine adjustment at the FAR end.

### [Zooming operation]

Set the zoom operation change-over knob at the bottom of the lens drive unit to the <SERVO> position. This setting operation can be performed more smoothly if the thumb ling is moved while rotating the zoom ring slightly.

#### 1. Basic Operation

##### < Zooming operation / Thumb ring operation >

The zoom function is controlled by turning the thumb ring of the zoom demand. How much the thumb ring is rotated determines the zooming speed. The zooming speed varies according to the rotation angle of thumb ring.

##### < Adjusting the max. zoom speed. >

The max. zoom speed, obtained by completely turning the thumb ring of the zoom demand, is changeable with the zoom speed control knob.

Turning this knob clockwise, faster speed can be obtained.

Turning this knob counterclockwise, lower speed can be obtained.

##### < To change the zooming direction >

The thumb ring of the zoom demand is factory set to zoom in (telephoto), when it is pressed toward the right.

However, this zoom direction can be changed by switching the position of the reverse switch.

#### 2. Applied operations

Function 1 : Shuttle shot

This comes in handy for shots involving frequent switching between two picture angles.

Function 2 : Framing preset

This makes it easy to reproduce a preset picture angle and zoom speed during a rehearsal, etc.

Function 3 : Speed preset

This presets the zoom speed during a rehearsal, etc. and enables the preset speed to be reptoduced reptedly.

The Shtl switch, Frame switch and Memo switch as well as the VTR switch and RET switch on the zoom demand which are used for these operations correspond to their counterparts on the lens unit. However, the DIP switches on the lens unit which are used to perform various settings must be set to their proper positions. For further details on operation and functions, refer to the lens operation manual.

RET switch and VTR switch

One RET switch and one VTR switch are installed on the zoom demand. These switches are equivalent to those on the lens drive unit. While the RET switch is held down, on air picture/being recorded picture can be seen in the viewfinder through camera control system when multi cameras are connected to its system. Press VTR switch to execute the operation of VTR and press again to stop the operation of VTR.

## GENERAL SAFETY INFORMATION

The safety warnings and cautions provided on the product or in this operation manual must be observed. Failure to observe these warnings and cautions provided for the purpose of hazard prevention may result in injuries or accidents. Read this manual carefully to familiarize yourself with its contents and to ensure proper operation of this product. Also, keep this manual in a safe place where it can easily be referenced whenever required.

This manual uses the following symbols and terms in the warning and caution notices for preventing accidents and protecting the safety of the customer and others.

 <b>WARNING</b>	This indicates a potentially hazardous situation which, if not heeded, may result in death or serious injury to you or others. Be sure to heed all warning notices to ensure safe operation at all times.
 <b>CAUTION</b>	This indicates a potentially hazardous situation which, if not heeded, may result in a minor injury to you or others, or damage to property. Be sure to heed all caution notices to ensure safe operation at all times.
<b>NOTE</b>	This indicates cautions and recommendations for operation. This contains essential information which, if not heeded, may result in this product failing to function properly. These notices also contain useful information for operation.

## HANDLING THE PRODUCT

### WARNING

- Do not get this product wet or allow liquid inside. If water gets inside, stop using the product immediately. Otherwise it may cause a fire or electric shocks.
- Be sure to hold the connector when disconnecting the cable. Pulling on the cable may sever or damage it and pose a risk of a fire or electric shocks from a short circuit.
- Do not damage, destroy or modify the cable. Do not place heavy objects on it, step on it, forcibly bend or bundle the power cable. Power may leak from a damaged cable, resulting in a fire or electric shocks.

### CAUTION

- Be careful not to drop the product when carrying it. Dropping the product may cause injury.
- Ensure that all mountings are securely tightened. If a mounting becomes loose, parts may fall off and cause injury.
- Inspect mountings regularly (about every six months to one year) to ensure they are securely tightened. If a mounting becomes loose, parts may fall off and cause injury.

### NOTE

- Do not expose the product to strong impact. Striking or dropping the product may cause the malfunction of the product.
- This product is not waterproof. Take measures to avoid direct contact with rain, snow, or moisture. Otherwise it may cause the malfunction of the product.
- In dusty environments, cover the product when attaching or removing the product. If dust enters inside, it may cause the malfunction of the product.
- Before use in particular environments, such as places where chemical products are used, contact your Canon sales representative or dealer.

### WARNING

If any of the following situations occurs, immediately disconnect the cable from the lens and the camera and contact your Canon sales representative or dealer.

- Smoke, fumes, or unusual noises coming from the product
- Foreign objects (such as liquid or metal objects) inside the product

### WARNING

Be sure to disconnect the cable and remove the product from the lens and the camera before cleaning outside of the product. Do not use benzene, thinner, or other flammable substances to clean this product. This may cause fire or electric shock.

### NOTE

Routine inspection about once a year is recommended, depending on the conditions and environment of use. Request overhaul, if needed.

## STORAGE

### NOTE

Immediately wipe off any moisture on the lens from misty or foggy environments, using a dry cloth. Seal the lens in a plastic bag with a desiccant (preferably new) to prevent moisture inside. Otherwise it may cause the mold or the malfunction of the product.

## TO THE CUSTOMER

- Canon shall bear no responsibility for damage resulting from improper operation of this product by the customer.
- Canon shall make no guarantees about the product quality, functions, or operation manual and its marketability and suitability for the customer's purpose. Moreover, Canon shall bear no responsibility for any damage, direct or incidental, that results from usage for the customer's purpose.
- The product specifications, configuration, and appearance are subject to change without prior notice.
- For further information on repairs, maintenance, or adjustments not mentioned in this operation manual, contact your Canon sales representative or dealer.
- Note that Canon may be unable to undertake servicing or repair of a product if it is modified without consulting Canon or your Canon sales representative.

CANON INC.  
30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501, Japan

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