

Lens Accessory Studio Conversion Kit MS-15

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 <MS-15>.

1. Product List

Zoom demand (ZSD-15MII).....	1
Flexible focus controller (FFC-15).....	1
Flexible focus module (FM-12).....	1
Flexible cable (FC-40).....	1
Clamper	1
Operation Manual	
Operation Manual "Regulations"	

3. Mounting and connecting

[Attaching focusing group]

1. Insert the guide pin or fixing screw of the flexible focus module <FM-12> into the guide hole or fixing screw hole. Make certain the gear on the focus ring of the lens body engages the one on the flexible focus module.
2. Loosen the two fastening knobs of the flexible focus controller <FFC-15>, mount them on the pan handle, and tighten the knobs.
3. Make sure the focus ring on the lens body rotates by rotating the grip of the flexible focus controller.

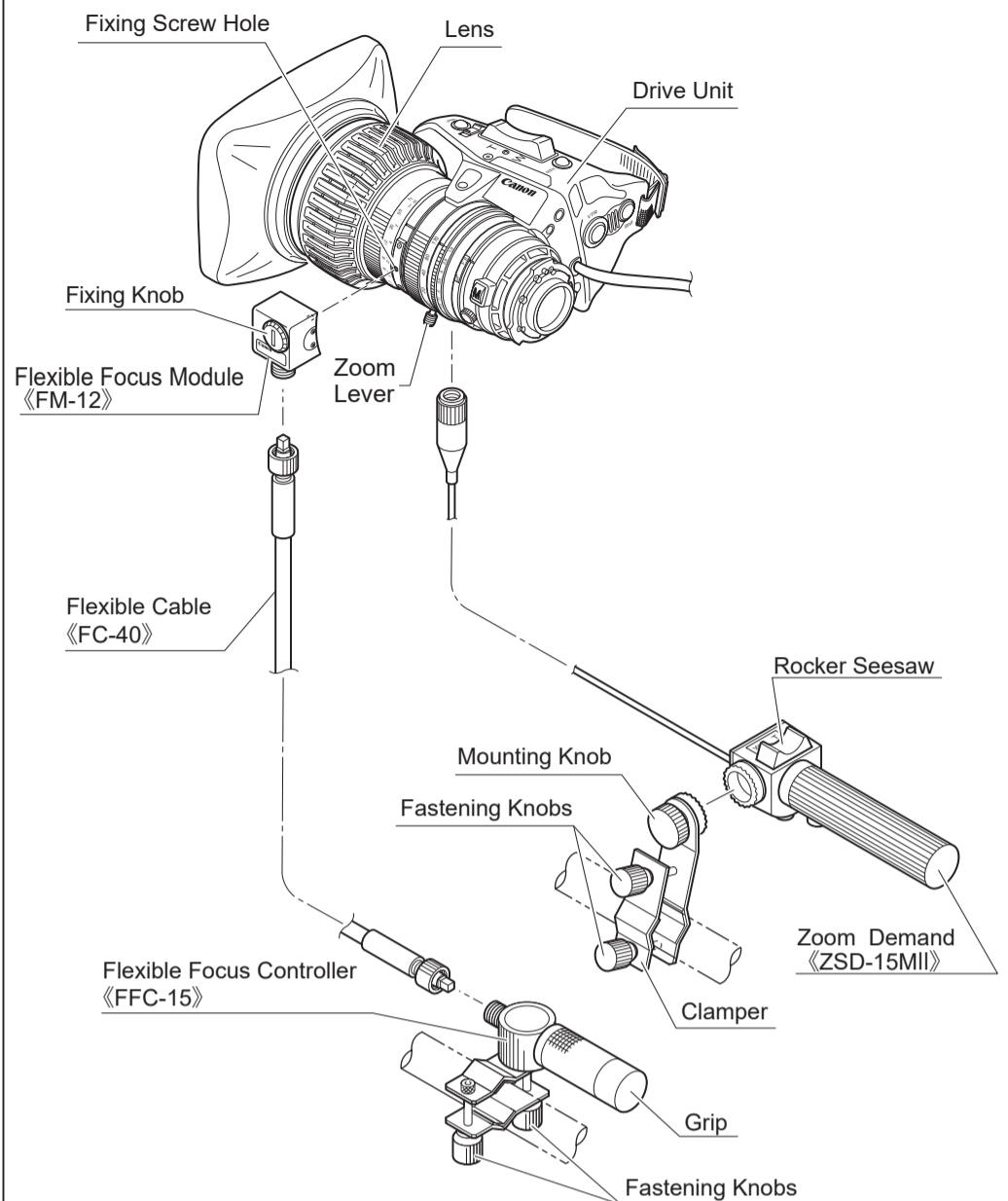
NOTE

When operating the lens using the flexible focus module, remove the zoom lever. Be sure to keep it in a safe place so as not to lose it.

[Attaching zooming group]

1. Loosen the two fastening knobs on the clamper, mount the clamper on the pan handle, and tighten the knobs.
2. Engage the rose joint of the zoom demand <ZSD-15MII> and that of the clamper, and then tighten them with the clamper mounting knob.
3. Connect the connector of the zoom demand to the remote connector on the lens body. Be sure to fit the positioning pin properly when plugging the connector in.

2. System configuration



4. Operation

[Focusing operation]

To focus, rotate the grip of the flexible focus controller.

Right rotation : To minimum object distance

Left rotation : To maximum object distance

[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 knob is moved while rotating the zoom ring slightly.

1. Basic Operation

< Zooming operation / Rocker seesaw operation >

To control the zooming speed, use the rocker seesaw on the servo zoom grip.

The zooming speed changes according to how deep you press the seesaw.

The deeper you press the seesaw, the faster the zooming speed becomes.

2. Applied operations

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 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.

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.

 WARNING	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.
 CAUTION	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.
NOTE	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

1. 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.
2. 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.
3. 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

1. Be careful not to drop the product when carrying it. Dropping the product may cause injury.
2. Ensure that all mountings are securely tightened. If a mounting becomes loose, parts may fall off and cause injury.
3. 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

1. Do not expose the product to strong impact. Striking or dropping the product may cause the malfunction of the product.
2. 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.
3. In dusty environments, cover the product when attaching or removing the product. If dust enters inside, it may cause the malfunction of the product.
4. Before use in particular environments, such as places where chemical products are used, contact your Canon sales representative or dealer.

DEALING WITH ABNORMALITIES

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

MAINTENANCE AND INSPECTION

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

1. Canon shall bear no responsibility for damage resulting from improper operation of this product by the customer.
2. 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.
3. The product specifications, configuration, and appearance are subject to change without prior notice.
4. For further information on repairs, maintenance, or adjustments not mentioned in this operation manual, contact your Canon sales representative or dealer.
5. 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.

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