

- (1) Read "GENERAL SAFETY INFORMATION" before using the product. The safety cautions must be observed.
- (2) Read operation manual (this sheet) before using the product. Keep the manual in place for future reference.

Thank you for purchasing a focus demand <ZDJ-G01>. This zoom demand <ZDJ-G01> is an accessory used to perform zoom servo operations of a box type lens. The zoom can be operated remotely by using this demand.

### 1 Product Components

Zoom Demand 《ZDJ-G01》.....	1
Clamper .....	1
Demand Cable.....	1
Operation Manual	

### CONTACT INFORMATION BY REGION

Please contact your dealer or the contacts below, if you have questions on the products.

#### AMERICAS

**BRAZIL**  
**Canon do Brasil Industria e Comercio Ltda.**  
<http://www.canon.com.br/suporte>  
 Tel: +55 (11) 4950-5460

#### CANADA

**Canon Canada, Inc.**  
<http://canon.ca/support>  
 Tel: (800) 667-2666

#### MEXICO

**Canon Mexicana, S. de R.L. de C.V.**  
<http://www.canon.com.mx/servicio/contactanos>  
 Tel: +52 55 5249 4905

#### USA

**Canon U.S.A., Inc.**  
<http://usa.canon.com/support>  
 Tel(BCTV) : 800-423-5367(USA Only)  
 Tel(Cinema Lens) : 855-246-3367(USA Only)

#### ASIA

**KOREA**  
**캐논코리아컨슈머이미징(주)**  
<http://www.canon-ci.co.kr>

#### SOUTH & SOUTHEAST ASIA

**Canon Singapore Pte. Ltd.**  
<http://www.canon-asia.com/bctv>

#### TAIWAN

**Canon Marketing (Taiwan) Co., Ltd.**  
<http://www.canon.com.tw/index.aspx>

#### EUROPE, MIDDLE EAST, AFRICA

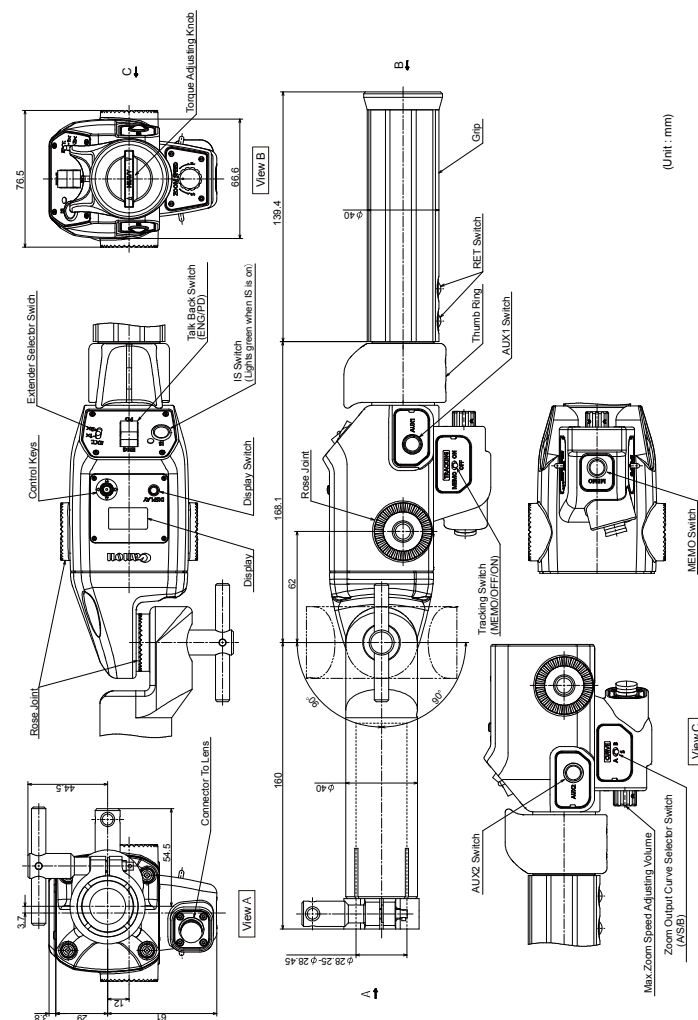
**Canon Europe Ltd.**  
<http://www.canon-europe.com>  
 Tel: +44(0)20-8588-8140

**Canon Europa N.V.**  
 Bovenkerkerweg 59, 1185 XB Amstelveen,  
 The Netherlands

#### OCEANIA

**Canon Australia Pty Ltd.**  
<http://www.canon.com.au>

[External view]



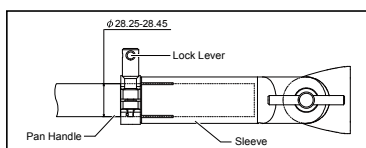
### 2 Mounting and Connecting

#### 2-1. Mounting the Zoom Demand

Mount the zoom demand onto the pan handle of the tripod by one of the two procedures below.

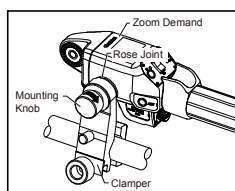
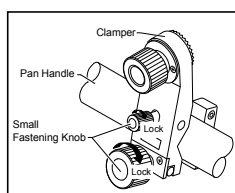
##### A. For a demand that is put onto the pan handle

Put the sleeve onto the pan handle of the tripod until it stops, then turn the lock lever to secure the sleeve. The applicable pan handle is  $\phi$  28.25-28.45 mm in diameter.



##### B. For a clamper-mounted demand

1. Loosen the large and small fastening knobs of the clamper, then mount the clamper to the pan handle of the tripod.
2. After mounting the clamper to the pan handle of the tripod, tighten the large and small fastening knobs of the clamper to secure the clamper.
3. Mate the rose joint of the zoom demand with the rose joint of the clamper.
4. Tighten the mounting knob of the clamper firmly to fix the clamper to the zoom demand.



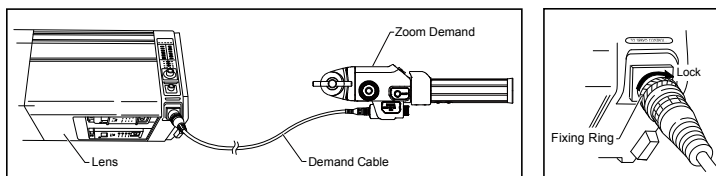
#### NOTE

1. The mounting angle of the zoom demand can be adjusted according to how the rose joints are mated.
2. This zoom demand has three rose joints. Mount the zoom demand using the rose joint at the desirable position for easy operation.

#### 2-2. Connecting the Demand Cable

Follow the procedures below to connect the demand cable to the lens.

1. Plug the male connector of the demand cable into the receptacle labeled "TO SERVO CONTROL" at the rear bottom of the lens, then turn the fixing ring of the connector clockwise to tighten the demand cable securely.
2. Plug the other end of the cable into the connector on the zoom demand.



### 3 Basic Operation and Function

#### 3-1. Zoom Operation

The lens is zoomed toward the telephoto end by turning the thumb ring of the zoom demand clockwise, as viewed from the grip of the demand. The lens is zoomed toward the wide-angle end by turning the thumb ring counterclockwise. The zoom speed varies according to the rotation angle of the thumb ring. During zooming, the approximate focal length can be checked with the indicator on the left side of the lens, as viewed from the camera.

\* Specifying the zoom direction can be changed on the display. For details, refer to [Specifying the zoom direction] in "5-7-4. Ctrl Screen".

#### 3-2. Maximum Zoom Speed Adjustment

The maximum speed obtained by completely turning the thumb ring of the zoom demand can be changed with the zoom speed adjusting knob. Turn it clockwise to increase the zoom speed. And, turn it counterclockwise to decrease the speed.

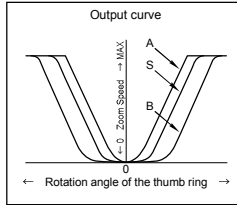
#### 3-3. Torque Adjustment

Turning the torque adjusting knob on the zoom demand clockwise to increase the torque for the thumb ring rotation. To decrease the torque, turn the knob counterclockwise.

### 3-4. Selecting the Zoom Output Curve

Zoom speed characteristic curve (zoom output curve) with respect to the rotation angle of thumb ring is selectable among three kinds. Use the zoom output curve selector switch "Curve" for selecting a zoom output curve.

\* The combination of three kinds of curves that can be selected can be changed on the display. Refer to [Specifying the zoom curve mode] in "5-7-4. Ctrl screen".



### 3-5. Talk Back (Microphone) Operation

When the camera has a talk back function, the talk back switch on the top of the zoom demand can be used.

When it is pushed to "ENG" side, it is locked and a cameraman can talk with an engineering staff. So long as it is pushed to "PD" side, a cameraman can talk with a producer.

### 3-6. Return Operation

There are two RET switches on the grip of the zoom demand.

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.

### 3-7. Extender Selector Switch

Operate the extender by switching the extender selector switch on the zoom demand.

Set the extender selector switch on the zoom demand to the 2x side to switch the extender value to 2x. Set the switch to the 1x side to switch the extender value to 1x.

### 3-8. IS Operation

ON/OFF operation of IS function (Image Stabilizer) becomes possible when used with the lens with IS function.

Lens IS function ON : LED next to the IS switch is lit (green)

Lens IS function OFF : LED next to the IS switch is off

- \* To activate IS function, press IS switch. For details, refer to the operation manual for the lens.
- \* Even when other functions are assigned to the IS switch, the LED next to the IS switch indicates the ON or OFF status of the lens's IS function.

### 3-9. MEMO Switch

This function is used for the setting when Framing preset, Speed preset or Shuttle-Shot are assigned. To use this Memory (MEMO) function, Memo function has to be assigned to either AUX1 switch, AUX2 switch, RET1, RET2 or IS switch.

### 3-10. Zoom Track Function (Tracking)

The zoom control range (zoom track) can be restricted. This function provides that the range can be virtually set at any position. (Both the Tele and Wide ends are within a limited area.)

#### [How to store the memory position for zoom track]

1. Zoom to any desired zoom track position (Tele side or Wide side) to be memorized by the thumb ring operation.
2. Move to "MEMO" side on the zoom track switch.
3. By above steps (1) and (2), the memory position on each of the Tele and Wide sides is stored. Also, storing only on either side is possible. To change the setting, perform step 1 to 2. (The position set last overwrites the setting in the memory.)

\* The memory position of the zoom track can be stored once on each of the Tele and Wide sides. However, the zoom track memory cannot be stored more than one on each of the Tele and Wide sides.

\* The stored memory remains, even after the power is turned off.

\* When a zoom track position has been set already, and of the zoom track position changes as a new position that goes over from the restricted range of the telephoto end and the wide-angle end, turn the zoom track switch off so that the new zoom track position can be set.

#### [ON / OFF for the Zoom Track Function]

The ON / OFF for the zoom track function indicates as follows:

- ON : Virtual zoom control range  
Press "ON" side on the zoom track switch.
- OFF : Normal zoom control range  
Press "OFF" side on the zoom track switch.

\* In case the present zoom position is outside of the restricted range when the zoom track function turns on, the lens will automatically zoom to the end position of the restricted range.

## 4. Expanded Operation and Function

The following functions can be assigned to either AUX1 switch, AUX2 switch, Ret1 switch, Ret2 switch or IS switch. Refer to "5 Display operation" for the detailed assignment procedures.

### 4-1. Framing Preset Function

Framing presets are functions that can reproduce a predetermined angle of view and movement speed (zoom speed) multiple times.

Movement speed to the framing position is selected by assigning the Fr1P/Fr2P, Fr1F/Fr2F switch.

- Fr1P/Fr2P :For the preset speed setting (Preset Speed)
- Fr1F/Fr2F :For the maximum speed setting (Fast Speed)

\*The default setting of AUX1 switch at the shipment from the factory is Fr1F function.

#### [Setting the Framing Memory Position]

Zoom to the position that you want to store, while holding this zoom position, press the Fr1P switch while holding down the MEMO switch. (The setting method is the same for Fr2P, Fr1F, and Fr2F.)

\*Framing memory positions can be stored in one location with Fr1P and Fr1F, and one location with Fr2P and Fr2F respectively. Positions set after this point will have priority.

\*The position you stored here is different from the one you set in Shuttle-shot. The stored position set here is retained even after the power is turned off.

#### [Moving to the Framing Memory Position]

Once the Fr1P switch is pressed, the zoom starts to move toward the framing memory position at the preset speed and stops at the framing memory position. When the zoom reaches the framing memory position, it stops and stays there.

#### [Canceling the Movement to the Framing Memory Position]

During movement to the framing memory position, the movement can be canceled and/or switched to other zoom operation by any of the following operations.

- Press Stt1, Stt2, or Sped switch.
- Press a framing preset switch (Fr1P, Fr2P, Fr1F or Fr2F) that is not being executed.
- Operate the thumb ring.

### 4-2. Speed Preset Function

This function allows you to call the preset zoom speed any time you zoom.

#### [Storing the Zoom Speed and Direction]

Operate the thumb ring to determine the zoom speed and direction (toward the telephoto angle or the widest angle) which you want to store, and press the MEMO switch while holding this position.

\*The stored zoom speed is applied to the Framing Preset.

#### [Moving to the Zoom Speed Memory Position]

When the Sped switch is pressed, the zoom starts to move at the preset speed and to the determined direction (toward the telephoto angle or the widest angle) stored in section 1 and stops at the zoom end.

#### [Canceling the Movement to the Zoom Speed Memory Position]

Movement in Speed Preset can be canceled by any of the following operations.

- Press Sped switch again.
- Press Stt1, Stt2, Fr1P, Fr2P, Fr1F or Fr2F switch.
- Operate the thumb ring.

### 4-3. Shuttle-Shot Function

This function allows you to switch between the current zoom position and the preset zoom position at the maximum speed.

\*The default setting of AUX2 switch at the shipment from the factory is Stt1 function.

\*Shuttle-Shot can store up to two positions, Stt1 and Stt2. Only Stt1 is described in the following explanation, but Stt2 is set in the same way.

#### [Setting the Shuttle Memory Position]

Zoom to the position that you want to store. Keeping this position, press the Shtl switch while holding down the MEMO switch.

\*The position you stored here is different from the one you set in Framing Preset. The stored position set here is retained even after the power is turned off.

#### [Moving to the Shuttle Memory Position]

Holding down the Stt1 switch will zoom to the shuttle shot position at maximum speed and then stop. This shuttle shot position is maintained while holding down the Stt1 switch. Release the Stt1 switch to return to the position prior to moving.

\*Even when the zoom track function is enabled, the zooming range is not restricted for the shuttle shot

\*When the F-drop precedence zoom range control function is enabled, the zoom can not reach the shuttle shot position if the shuttle shot position is outside of the zooming range under restriction by this function.

4-4. F-drop Precedence Zoom Range Control Function

When using the remote (manual) iris, this function limits the zoom range on the telephoto end so that the screen does not become darker than the command F value from the CCU.

1. Use the remote (manual) iris function of the camera to set the F number from the CCU. (Refer to the camera operation manual.)
  2. Zooming is limited to the positions where the F number is larger (darker) than this F number value. The setting is not required on this zoom demand side.
- \* When the F-drop precedence zoom range control function is on, the shuttle shot function is affected by this zoom restricted range.
  - \* When the power is on, the function is off (LED is extinguished).
  - \* If the present zoom position is outside of this restricted range when the F-drop precedence zoom range control function is on, the zoom automatically moves to the end of this restricted range.
  - \* This function is cancelled if the extender is switched while the F-drop precedence zoom control range function is on. Enable the function again if necessary.

4-5. AF ACTIVE/HOLD Switch Function

When connecting the to the lens with AF function, the switch functions as follows depending on which AF mode is selected.

- \* It is effective only when connecting the focus demand compatible AF functions.

AF MODE status of the focus demand	AF ACTIVE/HOLD switch function
PART TIME	The AF mode is established while the ACTIVE/HOLD switch is held down.
FULL TIME	The AF mode is established at all times.
OFF	The switch will not operate even if pressed.

4-6. Talk Back (Microphone) Function (Engineer)

While the switch is pressed, the communication with Engineer (ENG) becomes possible.

4-7. Talk Back (Microphone) Function (Producer)

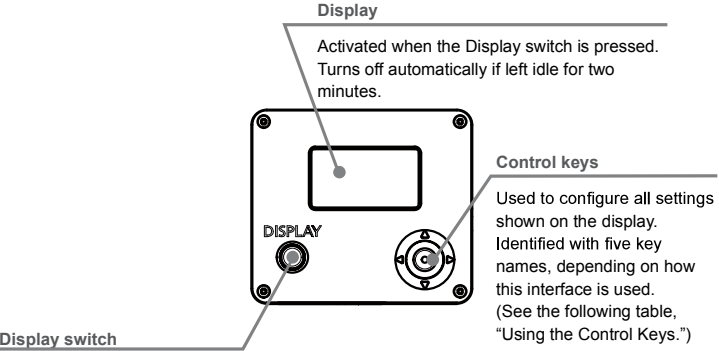
While the switch is pressed, the communication with Producer (PD) becomes possible.

5 Display Operation

Customizable Function

The settings of each function can be changed on the information display on the side of the focus demand by selecting the menu.

5-1. Information Display



Display switch

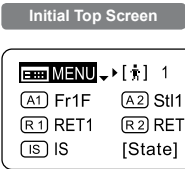
Press to activate the display.  
One press turns on the display, and another turns it off.

5-2. Using the Control Keys

Key	Operation	Details
Set key	Press 	Pressed when {  } is displayed, or when entering a selection.
Right key	Move right 	Can be used when {  } is displayed.
Left key	Move left 	Can be used when {  } is displayed.
Up key	Move up 	Can be used when {  } is displayed.
Down key	Move down 	Can be used when {  } is displayed.

5-3. TOP Screen

Top screen contains 8 setting/indication items.



Top Screen

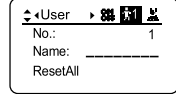
1. Go to MENU screen
2. Switch users
3. AUX1 switch assignment
4. AUX2 switch assignment
5. RET1 switch assignment
6. RET2 switch assignment
7. IS switch assignment
8. Go to STATE screen

5-4. MENU Screen

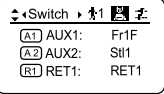
Setting items are organized by function. All of these screens are collectively referred to as the Menu screen.

To access these screens, select MENU on Top screen and press the Set key. Initially, the User Screen is displayed. To access other screens, press left or right.

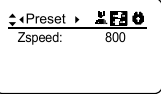
User Screen



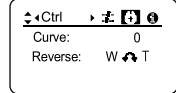
Switch Screen



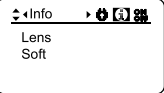
Preset Screen



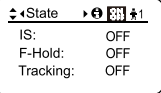
Ctrl Screen



Info Screen



State Screen



5-5. Basic Sequence of Operations

- ① Turn on the camera.
- ② Press Display switch to turn on Display.
- ③ Use Control keys to complete settings. Changes are saved.
- ④ Press Display switch to turn off Display.

[List of Display Settings]

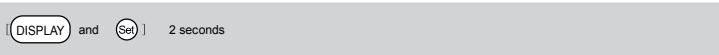
Menu Screen	Display Indication	Function	Default Value	Setting / Indication items
User Screen	No.	Switching Users	1	0/1/2/3/4/5/6/7/8/9
	Name	Naming Users	-	- / A/B/C-Z/a/b/c-z/0/1/2-9
	ResetAll	Resetting Values		
	Copy	Copying settings to other users		
	Access	Locking Functions	Unlock	Unlock/Lock
Switch Screen	AUX1	Assigning Functions to AUX1 Switch	Fr1F	RET1/RET2/RET3/Fr1P/Fr1F/Fr2P/Fr2F/Sped/St11/St12/IS/FHld/AF/ENG/PD/NON
	AUX2	Assigning Functions to AUX2 Switch	St11	
	RET1	Assigning Functions to RET1 Switch	RET1	
	RET2	Assigning Functions to RET2 Switch	RET2	
	IS	Assigning Functions to IS Switch	IS	
Preset Screen	Zspeed	Specifying the Preset Mode Zoom Speed	800	1-800
Ctrl Screen	Curve	Specifying Zoom Curve Mode	0	0-9
	Reverse	Specifying the zoom direction	W ⇄ T	W ⇄ T / T ⇄ W
Info Screen	Lens	Checking communication between demand and lens		Connected/Non-Connected
	Soft	Checking software information		Software version
State Screen	IS	Checking ON/OFF status of IS function		ON/OFF
	F-Hold	Checking ON/OFF status of F-Hold function		ON/OFF
	Tracking	Checking ON/OFF status of Zoom track function		ON/OFF

[Escape Operation]

Any user No. is switched to User 0 setting. Instantly jump to User 0, with default setting, from the current user 0-9.

\*Not available when settings are locked.

\*After restarting, control reverts to the user before this operation. However, if you switched users after this operation, control reverts to that user.



\*Not only Set key but Up key, Down key, Left key and Right key are also used for Escape operation.

[Auto off Function]

When Display is ON, Display turns off automatically after two minutes if no control keys are pressed. However, Display remains active in State screen and IND screen.

5-6. Function that can be set from TOP screen

[Switching Users]

Setting for users 0-9 can be configured.

User 1-9	Configure advanced settings for each user needed. Settings for the users can then be saved. (*Default Value : 1)
User 0	User 0 is the default user. Thus, for this user you can adjust settings temporarily but not save them. Setting information is cleared when you switch to users 1-9 or turn the lens off. User 0 is used if you perform an escape operation. Selecting user 0 restores the default settings.



[Assigning Functions to AUX1/AUX2/RET1/RET2/IS switches]

The following functions can be assigned to each switch. (Multiple functions cannot be assigned to the same switch.)

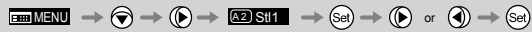
\*Switch to the user for whom the settings apply before this operation.

Display Indication	Function	Outline of functions
RET1	Return1 (Default setting to RET1 switch)	While RET switch is pressed, the external video picture sent to the TV camera head can be seen on its viewfinder.
RET2	Return2 (Default setting to RET2 switch)	
RET3	Return3	
Fr1P	Framing Preset1 (Preset speed)	
Fr1F	Framing Preset1 (Maximum speed) (Default setting to AUX1 switch)	Press to move to the stored zoom position. One position can be stored/called for Fr1P and Fr1F, and another for Fr2P and Fr2F.
Fr2P	Framing Preset2 (Preset speed)	
Fr2F	Framing Preset2 (Maximum speed)	
Sped	Speed Preset	Press to move in the stored zoom direction (toward the telephoto end or the widest angle end) at the stored zoom speed.
Stt1	Shuttle-shot1 (Default setting to AUX2 switch)	Press to move to the stored zoom position at the maximum speed. Release to return to the previous zoom position at the maximum speed.
Stt2	Shuttle-shot2	
IS	ON/OFF of IS (Default setting to IS switch)	When connected to an IS (image stabilizer) function equipped lens, IS can be turned ON or OFF.
FHId	F-drop precedence zoom range control	When this function is on, zooming toward the telephoto end is limited to a point where the F number becomes larger (darker) than the F number commanded from the CCU.
AF	AF ACTIVE/HOLD Switch	When connected to an AF function equipped lens, AF can be controlled in combination with the focus demand's AF MODE switch.
ENG	Talk back (Communication with engineer)	While the switch is pressed, the communication with Engineer (ENG) becomes possible.
PD	Talk back (Communication with producer)	While the switch is pressed, the communication with Producer (PD) becomes possible.
NON	No function	No function is assigned.

Assigning functions to AUX1 switch



Assigning functions to AUX2 switch



Assigning functions to RET1 switch



Assigning functions to RET2 switch



Assigning functions to IS switch



[Go to State screen]

Press Set key to access State screen of Menu screen.



5-7. Function that can be set from TOP screen

5-7-1. User Screen

[Switching Users]

Switching for users 0-9 can be configured.

User 1-9	Configure advanced settings for each user needed. Settings for the users can then be saved. (*Default Value : 1)
User 0	User 0 is the default user. Thus, for this user you can adjust settings temporarily but not save them. Setting information is cleared when you switch to users 1-9 or turn the lens off. User 0 is used if you perform an escape operation. Selecting user 0 restores the default settings.



[Naming Users]

Users can be named, as needed.

\*Max. digits can be input is 8 digits. A-Z, a-z and 0-9 can be used.  
\*Switch to the user for whom the settings apply before this operation.



[Resetting Values]

Reset a user's settings or all users' settings to default values as needed.

\*Move the cursor to 'y' and press Set key to initialize the setting.

- User : A selected user's settings are reset to the default values.  
AllUser : All users' settings (user 0-9) are reset to the default values.

(1) Resetting One User's Settings

Reset a user's settings to default values as needed.



(2) Resetting All Users' Settings

Reset all users' settings to default values as needed.

\*There is no need to switch users.



[Copying settings to other users]

Settings configured for one user can be copied to another user.

\*Specify the user for whom the settings are copied by 'To No.' Then move the cursor to 'y' of 'Copy' and press Set key to start coping.(User No. which can be selected are 0-9.)

\*Switch to the user for whom the settings apply before operation.



[Locking Functions]

To ensure that configured functions cannot easily be changed, you can lock the settings of certain functions. Once functions are locked, they are locked for all users.

\*Press Set key and enter password, and the message "Lock OK?" is displayed. Then move the cursor to 'y' and press Set key. In locked status, except for the preset data(Focus preset position setting), position setting of Focus range limit, position setting of Fine focus mode 1 or position setting of Control range limit cannot be changed.

\*User numbers 0-9 in the user number field indicate users that are unlocked. "Lock" in the user number field indicate users that are locked.

\*No master password is used on this model. The password to be entered each time to lock settings is the password used to unlock them. Therefore, making a note of the password each time is recommended. In case you forget the password, contact Canon or your dealer. Passwords can be blank or up to 8 digits.

\*Default setting is Unlock.

Characters supported in passwords

Options	Options
Max. Digits	8

(D) : Default value  
\_ : Space



5-7-2. Switch Screen

[Assigning Functions to AUX1/AUX2/RET1/RET2/IS Switches ]

The following functions can be assigned to each switch. (Multiple functions cannot be assigned to the same switch.)

\*Switch to the user for whom the settings apply before this operation.

Display Indication	Function	Outline of functions
RET1	Return1 (*Default setting to RET1 switch)	While RET switch is pressed, the external video picture sent to the TV camera head can be seen on its viewfinder.
RET2	Return2 (*Default setting to RET2 switch))	
RET3	Return3	
Fr1P	Framing Preset1 (Preset speed)	
Fr1F	Framing Preset1 (maximum speed) (*Default setting to AUX1 switch)	Press to move to the stored zoom position. One position can be stored/called for Fr1P and Fr1F, and another for Fr2P and Fr2F.
Fr2P	Framing Preset2 (Preset speed)	
Fr2F	Framing Preset2 (maximum speed)	
Sped	Speed Preset	Press to move in the stored zoom direction (toward the telephoto end or the widest angle end) at the stored zoom speed.
Stt1	Shuttle-shot1 (*Default setting to AUX2 switch)	Press to move to the stored zoom position at the maximum speed. Release to return to the previous zoom position at the maximum speed.
Stt2	Shuttle-shot2	
IS	ON/OFF of IS (*Default setting to IS switch)	When connected to an IS (image stabilizer) function equipped lens, IS can be turned ON or OFF.
FHId	F-drop precedence zoom range control	When this function is on, zooming toward the telephoto end is limited to a point where the F number becomes larger (darker) than the F number commanded from the CCU.
AF	AF ACTIVE/HOLD Switch	When connected to an AF function equipped lens, AF can be controlled in combination with the focus demand's AF MODE switch.
ENG	Talk back (Communication with engineer)	While the switch is pressed, the communication with Engineer (ENG) becomes possible.
PD	Talk back (Communication with producer)	While the switch is pressed, the communication with Producer (PD) becomes possible.
NON	No function	No function is assigned.

Assigning functions to AUX1 switch



Assigning functions to AUX2 switch



Assigning functions to RET1 switch



Assigning functions to RET2 switch



Assigning functions to IS switch



5-7-3. Preset Screen

[Specifying Preset Mode Zoom Speed]

Configure the zoom speed from any position to the position in memory, as needed.

\*Your specified values apply to both Frame preset (Fr1P and Fr2P) and Zoom speed preset(Sped).

Options	1	to	800
Description	Slowest		Fastest

Default value : 800



5-7-4. Ctrl Screen

[Specifying the Zoom Curve Mode]

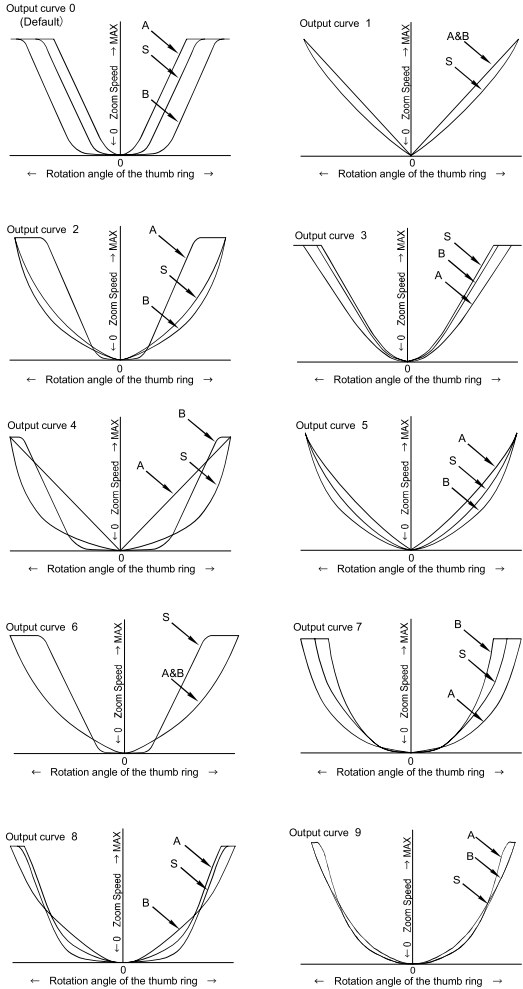
You can change the combination of zoom output curves. The output curve No. in the diagrams to the right corresponds to the No. of the selected item.

Options	0	to	9
---------	---	----	---

Default value : 0 \* D will display in front of the default value 0.



Zoom Output Curve



[Specifying the Zoom Direction]

The setting of the zoom direction can be changed.

Options	W ⇄ T	T ⇄ W
Description	Rotate the thumb ring clockwise for the telephoto direction, and rotate counterclockwise for the wide-angle direction.	Rotate the thumb ring clockwise for the wide-angle direction, and rotate counterclockwise for the telephoto direction.

Default value : W ⇄ T



5-7-5. Info Screen

[Checking Communication between Demand and Lens]

View the status of communication between the lens and drive unit.

Connect	Demand and lens are connected
Non-Connect	Demand and lens are not connected



[Checking Software Information]

View the software information.



5-7-6. State Screen

[Checking ON/OFF Status of IS Function]

View the ON/OFF status of IS function of the connected lens.

ON	IS function ON
OFF	IS function OFF



[Checking ON/OFF Status of F-Hold Function]

View the status of ON/OFF status of F-Hold function.

ON	The state in which the F-Hold function is ON, and the F-Hold function OFF notification has not been received from the lens.
OFF	The state in which the F-Hold function is OFF, and the F-Hold function OFF notification has been received from the lens.



[Checking ON/OFF Status of Zoom Track Function]

View the ON/OFF status of Zoom track function of the connected lens.

ON	The lens's tracking function is ON.
OFF	The lens's tracking function is OFF.







## ⚠ 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 to guard against hazards may result in injury or accident. Read this operation manual carefully to familiarize yourself with its contents and ensure that you can operate the product properly. 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. It contains 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. Continuing to use the product under this condition 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.

### ⚠ 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

- Striking or dropping the lens 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 representative. Otherwise it may cause the malfunction of the product.

## DEALING WITH ABNORMALITIES

### ⚠ WARNING

If any of the following situations occurs, immediately disconnect the power plug from the power outlet and contact your dealer or a Canon representative listed on the right.

- Smoke, fumes, or unusual noises
- Entry of foreign objects (such as liquid or metal objects) inside the product

## MAINTENANCE AND INSPECTION

### ⚠ WARNING

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

### 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.
- Canon shall make no guarantees about the results obtained using this product.
- 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 dealer or your Canon sales representative.
- 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  
  
CANON EUROPE LTD.  
3 The Square, Stockley Park Uxbridge, Middlesex, UB11 1ET, UK

All rights reserved. No part of this operation manual may be reproduced or copied in any form or by any means without the written permission of Canon Inc.

## FCC REGULATIONS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A., Inc.  
One Canon Park, Melville, NY 11747, USA  
Tel No. 1-800-OK-CANON(1-800-652-2666)

## Canadian Radio Interference Regulations

CAN ICES-3(B)/NMB-3(B)



We, Canon Inc., in Japan and CANON EUROPE LTD., in U.K., confirm that the BCTV zoom lens is in conformity with the essential requirements of EC Directive(s) by applying the following standards:  
[EN55032](#) and [EN55103-2](#)

### Note:

- Applicable Electromagnetic Environments:  
E1 (residential), E2 (commercial and light industrial), E3 (urban outdoors) and E4 (controlled EMC environment, ex. TV studio).
- Use of shielded cable is required to comply with limits specified by above standards.

Dieses Produkt ist zum Gebrauch im Wohnbereich, Geschäfts- und Gewerbebereich sowie in Kleinbetrieben vorgesehen.

Only for European Union and EEA (Norway, Iceland and Liechtenstein)



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EC) and national legislation. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service.

For more information regarding return and recycling of WEEE products, please visit

[www.canon-europe.com/weee](http://www.canon-europe.com/weee)

## Memo