

ENGLISH

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.

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 zoom lens is conformity with the essential requirements of EC Directive(s) by applying the following standards:

EN55103-1 and EN55103-2

Note:

- a) Applicable Electromagnetic Environments:
E1 (residential), E2 (commercial and light industrial), E3 (urban outdoors) and E4 (controlled EMC environment, ex. TV studio).
- b) 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/EU) 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.

Introduction

Thank you for purchasing a Canon zoom lens.

Documentation includes the printed Lens Manual, Information Display CD-ROM.

Refer to this Information Display Manual for operating instructions and procedures for the information display.

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Safety Precautions

Always observe the safety warnings and precautions on the product and in the manual.

Failure to observe the warnings and precautions may result in injury or accidents.

Read this manual carefully to become familiar with it and ensure correct use.

Keep the manual in a convenient place for future reference as needed.

The following symbols and signal words are used in this manual to identify potential hazards, so that you can ensure the safety of users and others and prevent accidents.

 Warning	Indicates a potentially hazardous situation that poses a risk of serious injury or death. Always observe warnings to ensure safe use.
 Caution	Indicates a potentially hazardous situation that poses a risk of injury or damage. Always observe precautions to ensure safe use.
Note	Indicates information to note or operating tips when using the product. Failure to observe this information may prevent correct operation. Notes may also indicate helpful operating information.

Handling the Product



Warning

1. Do not get the product wet or allow liquid inside. If water gets inside, stop using the product immediately. Continuing to use the product in this condition may cause fire or electric shock.
2. Do not stare at the sun or other bright objects through the lens. This may injure your eyes.



Caution

1. Be careful not to drop the lens when carrying it. Dropping the lens may damage it or cause injury.
2. Ensure that all mountings are securely tightened. If a mounting becomes loose, parts may fall off and cause injury.
3. Always hold the connector itself when disconnecting the lens cable. Pulling on the cable may sever or damage it and pose a risk of fire or electric shock from a short circuit.
4. 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.
5. When service is required, contact Canon's representative or your Canon dealer.

Note

1. Do not expose the lens to strong impact. Striking or dropping the lens may cause the malfunction.
2. The lens is not waterproof.
Take measures to avoid direct contact with rain, snow, or moisture.
3. In dusty environments, cover the lens mount when attaching or removing the lens.
4. Take measures to avoid sudden changes in temperature where the lens is used, which may prevent operation temporarily if condensation forms in the lens.
5. Before use in particular environments, such as places where chemical products are used, contact your Canon representative.

Responding to Malfunction or Accidents



Warning

1. If any of the following situations occurs, immediately disconnect the lens cable from the camera and contact your dealer or a Canon representative listed on the next page.
 - Smoke, fumes, or unusual noises coming from the lens
 - Foreign objects (such as liquid or metal objects) inside the lens

Maintenance and Inspection



Warning

1. Before cleaning the lens, always disconnect the lens cable and remove the lens from the camera. Do not use benzene, thinner, or other flammable substances to clean the lens. This may cause fire or electric shock.

Note

1. Clean off any dust on the lens using a lens blower or a soft lens brush.
In case of fingerprints or stains on the lens, use a clean cotton cloth moistened with commercial lens cleaning fluid, or use lens cleaning paper. Gently wipe in a spiral pattern from the center of the lens.
Be careful not to rub dust across the lens, which may scratch the lens surface.
2. Routine inspection about once a year is recommended, depending on the conditions and environment of use. Request overhaul, if needed.

Storage



Caution

1. Always attach the lens cap (or hood cap) and dust cap before storage. Storing the lens without the caps attached poses a risk of fire if the lens focuses a light source.

Note

1. 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.

Legal Notices

1. Canon is not liable for any damage arising from incorrect operation.
2. Regarding documentation or product quality or functionality, Canon makes no guarantees about marketability or suitability for a particular purpose.
Moreover, Canon is not liable for any loss arising directly or indirectly from use for this purpose.
3. Canon makes no guarantees about results obtained from the product.
4. Product specifications, configurations, and appearance are subject to change without notice.
5. For information on service, maintenance, or adjustments not described in this manual, contact your Canon dealer or a Canon representative listed below.
6. Note that service may not be available for products for which users have performed unauthorized modification.

CANON INC.

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

Canon Europe Ltd.

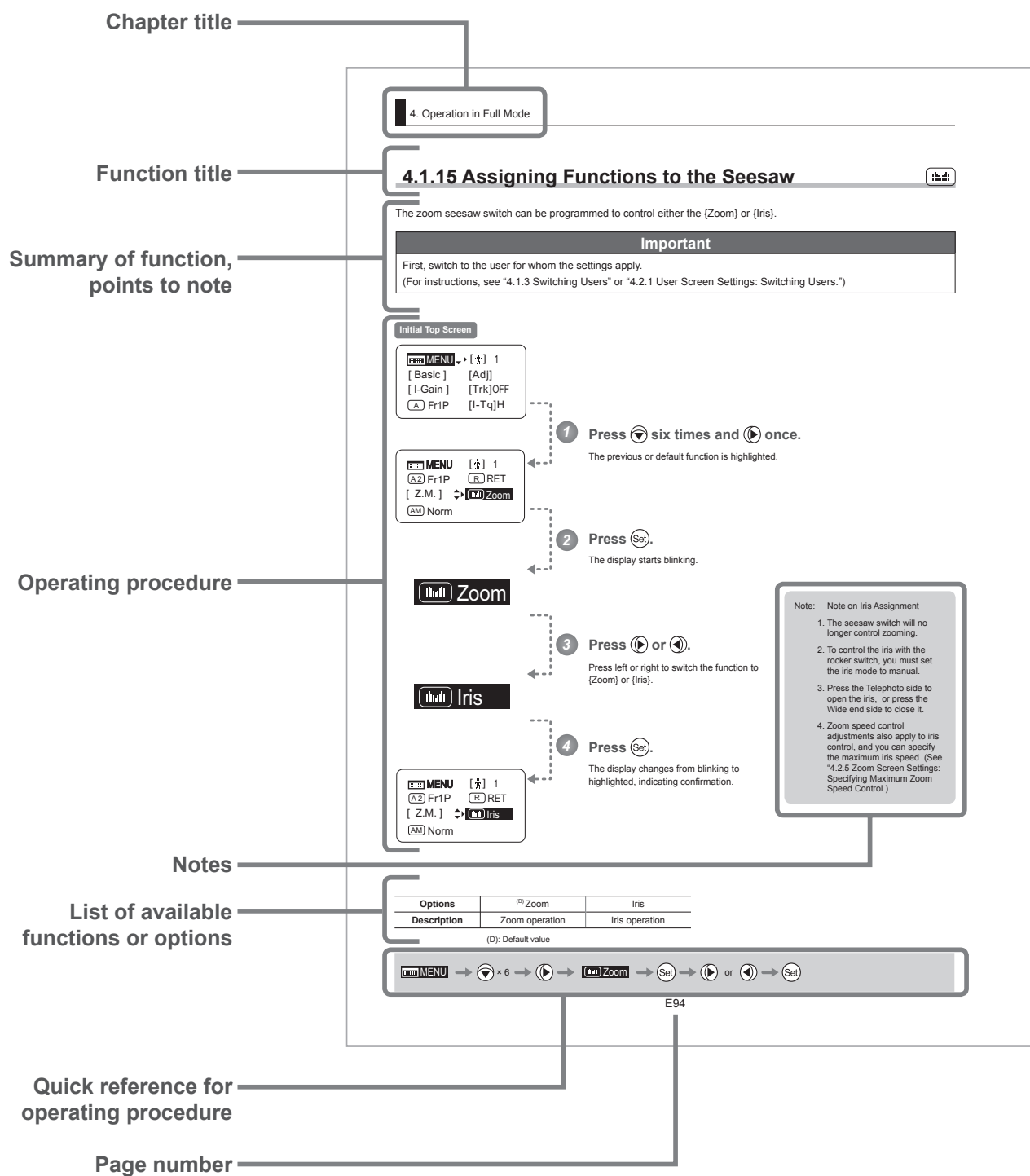
3 The Square, Stockley Park, Uxbridge, Middlesex, UB11 1ET UK

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Manual Layout

Pages with instructions are organized as follows.



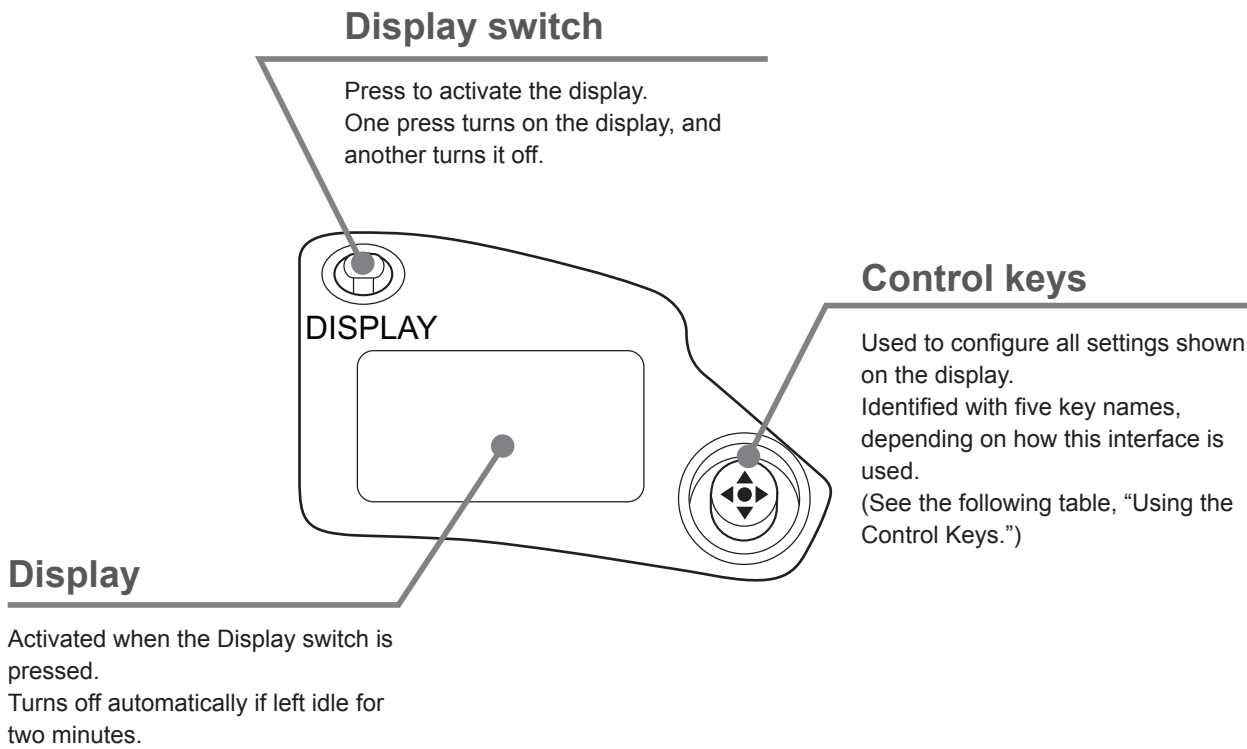
Manual Conventions

The following conventions are used in this manual.

Convention	Description	Example
<u>** screen</u>	Names of screens are underlined.	The <u>Top screen</u> is displayed.
[]	Names of setting items are enclosed in square brackets.	[Frame 1] is underlined.
{ }	Names of options are enclosed in curly brackets.	Select {FAST}.

Part Names

Part Names and Functions



Using the Control Keys

Key	Operation	Details	Manual Convention
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.	

Basic Sequence of Operations

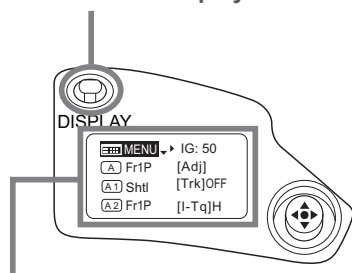
1

Turn on the lens.

Note: For instructions on turning the lens on, refer to the camera manual.

2

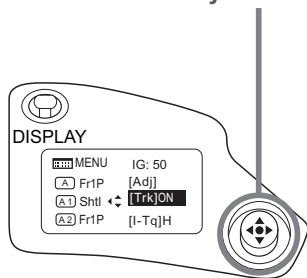
Press the Display switch.



The display is now illuminated.

3

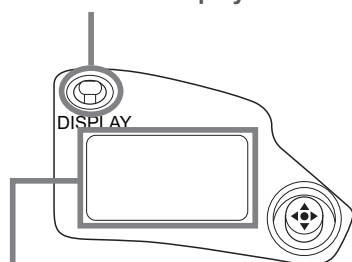
Use the control keys to complete settings.



Note: The display turns off automatically after two minutes if no control keys are pressed. (Auto Off.) However, the display remains active as long as the Fol. screen is shown. In this case, it is only deactivated when you press the Display switch.

4

Press the Display switch.



The display is turned off.

Changes are saved.

Note: Any changes to settings are saved even if the display is automatically deactivated, just as they are when it is switched off manually.

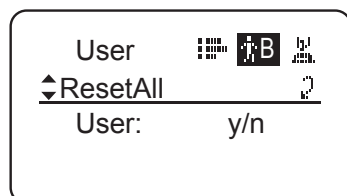
When the display is deactivated manually, changes to settings are saved and the display is turned off.

However, if the lens is turned off while the display is on, changes to settings may not be saved.

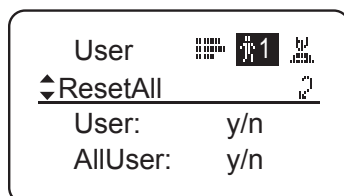
Important

For Reference: Display appearance when restoring original settings

Basic Mode



Full Mode



Restoring the Original Settings

The original settings can be restored, in the case of incorrect settings or if you have tried some settings tentatively.

For details, see “Resetting Values” in “3. Operation in Basic Mode” or “4. Operation in Full Mode.”

1

Screen Organization

1. Screen Organization

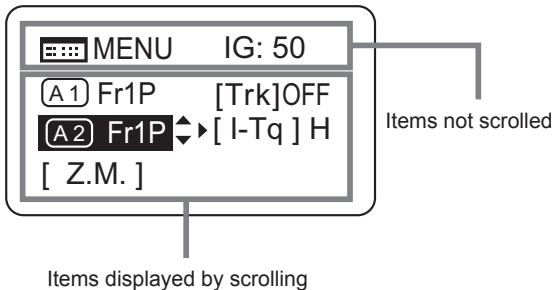
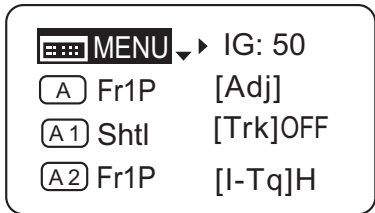
Screens contain 22 setting items in Basic mode, 38 in Full mode, and 3 in Analog mode, with Basic and Full modes also including a “follow” screen containing three setting items that have relative values. To access frequently used items on the **Top screen**, press the Display switch. All settings can be configured from the **Menu screen**, which also includes advanced settings. (See “Menu Screen” in “1. Screen Organization.”)

1.1 Top Screen

(For instructions on configuring the settings, see “Configuration from the Top Screen” in each mode.)

The **Top screen** contains 9 setting items in Basic mode, 15 in Full mode, and 3 in Analog mode.

Initial Top Screen in Basic Mode

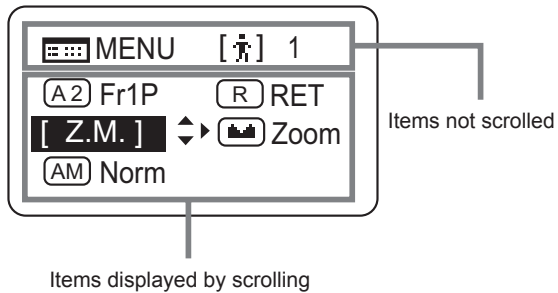
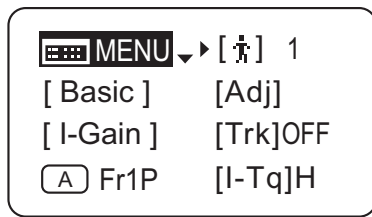


Top Screen in Basic Mode

Of the 9 setting items in Basic mode, the 8 more common are shown on the **Top screen**. The other 1 can be accessed by pressing down to scroll down the screen.

1. Go to Menu screen
2. Auto iris gain settings
3. AUX switch assignment
4. Mechanical end auto-adjustment
5. AUX1 switch assignment
6. Zoom tracking ON/OFF
7. AUX2 switch assignment
8. Iris torque settings
9. Zoom curve mode settings

Initial Top Screen in Full Mode

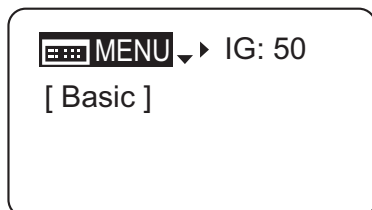


Top Screen in Full Mode

Of the 15 setting items in Full mode, the 8 most common are shown on the **Top screen**. The other 6 can be accessed by pressing down to scroll down the screen.

1. Go to Menu screen
2. Switch users
3. Switch to Basic mode
4. Mechanical end auto-adjustment
5. Iris gain settings
6. Zoom tracking ON/OFF
7. AUX switch assignment
8. Iris torque settings
9. AUX1 switch assignment
10. VTR switch assignment
11. AUX2 switch assignment
12. RET switch assignment
13. Zoom curve mode settings
14. Seesaw switch assignment
15. Iris A/M switch setting

Initial Top Screen in Analog Mode



Top Screen in Analog Mode

1. Go to Menu screen
2. Auto iris gain settings
3. Switch to Basic mode

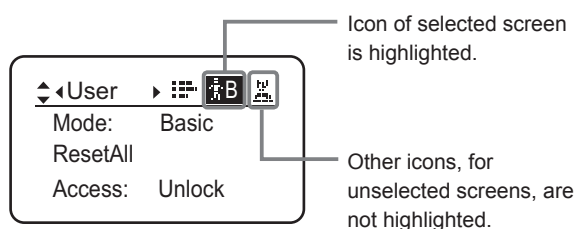
1.2 Menu Screen

(For instructions on configuring the settings, see the “Menu Screen” section in the descriptions of each mode.)

Setting items in each mode and on the “follow” screen are organized by function. All of these screens are collectively referred to as the **Menu screen**.^{*1}

Menu Screen in Basic Mode

In Basic mode, the 22 setting items and three “follow” settings with relative values are organized by function into the following 8 screens.



1. User screen 
2. Switch screen 
3. Preset screen 
4. Iris screen 
5. Zoom screen 
6. Focus screen 
7. Info screen 
8. Fol. screen 

^{*1}: There is no single **Menu screen**. Instead, these 8 screens are collectively referred to as the **Menu screen**.

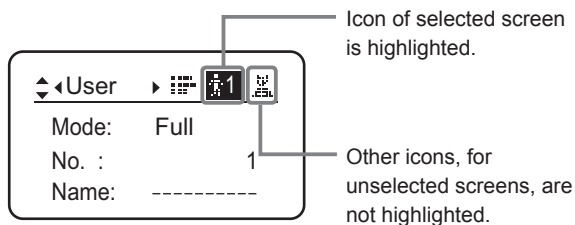
To access these screens, select [MENU] on the **Top screen** and press the Set key. Initially, the **User screen** is displayed. To access other screens, press left or right.

Menu Screen in Basic Mode

User screen  Mode: Basic ResetAll Access: Unlock	Switch screen  (A) AUX: Fr1P (A1) AUX1: Shtl (A2) AUX2: Fr1P	Preset screen  Frame1: Zoom Frame2: Zoom ZSpeed: 800
Iris screen  [I-Gain] Torque: High Comp: ON	Zoom screen  CurveMode VR-Dem: ON	Focus screen  CurveMode
Info screen  S/N 3D: OFF Encoder: OFF	Fol. screen  Iris: 1000 Zoom: 0000 Focus: 0000	

Menu Screen in Full Mode

In Full mode, the 38 setting items and three “follow” settings with relative values are organized by function into the following 8 screens.



- | | | |
|----|---------------|--|
| 1. | User screen | |
| 2. | Switch screen | |
| 3. | Preset screen | |
| 4. | Iris screen | |
| 5. | Zoom screen | |
| 6. | Focus screen | |
| 7. | Info screen | |
| 8. | Fol. screen | |

*1: There is no single **Menu screen**. Instead, these 8 screens are collectively referred to as the **Menu screen**.

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

Menu Screen in Full Mode

User screen

◀User ▶

1

Mode: Full

No. : 1

Name: -----

Switch screen

◀Switch ▶

1

[A] AUX: Fr1P

[A1] AUX1: Shtl

[A2] AUX2: Fr1P

Preset screen

◀Preset ▶

Frame1: Zoom

Frame2: Zoom

ZSpeed: 800

Iris screen

◀Iris ▶

[I-Gain]

Torque: High

Comp: ON

Zoom screen

◀Zoom ▶

Tracking: OFF

Movement

CurveMode

Focus screen

◀Focus ▶

CurveMode

Info screen

◀Info ▶

S/N

3D: OFF

Encoder: OFF

Fol. screen

◀Fol. ▶

1

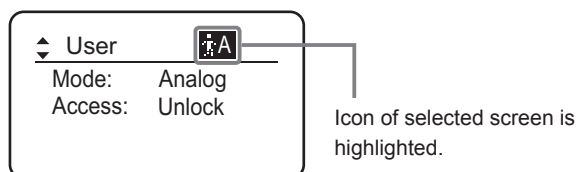
Iris: 1000

Zoom: 0000

Focus: 0000

Menu Screen in Analog Mode

In Analog mode, 2 setting items are presented as the **User screen**.

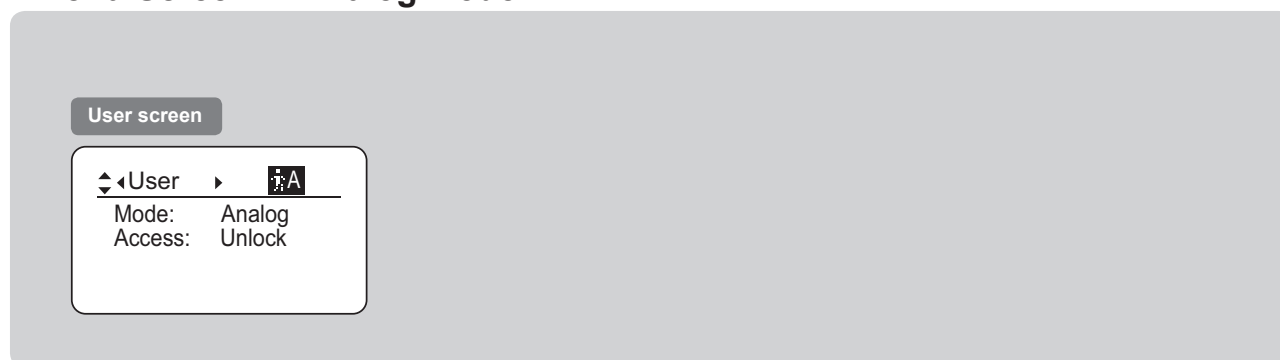


1. User screen 

*1: There is no single **Menu screen**. Instead, screens accessed by selecting [MENU] are collectively referred to as the **Menu screen**.

To access this screen, select [MENU] on the **Top screen** and press the Set key. The **User screen** is now displayed.

Menu Screen in Analog Mode



2

Mode Selection

2. Mode Selection

2.1 Modes

The following 3 modes are available. Choose a mode that suits your purpose or preference.

- 1. Basic Mode:** Restricted settings and information. Recommended for users who do not require sophisticated settings. This is the default mode.
- 2. Full Mode:** All settings and information are available.
- 3. Analog Mode:** Used when no digital functions are needed.

For details, see “3. Operation in Basic Mode,” “4. Operation in Full Mode,” or “5. Operation in Analog Mode.”

3

Operation in Basic Mode

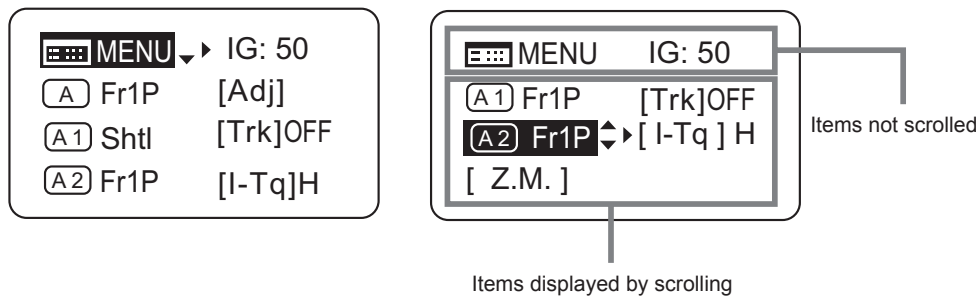
3. Operation in Basic Mode

3.1 Configuration from the Top Screen

To access the **Top screen**, press the Display switch.

A total of 9 items can be configured on the **Top screen** in Basic mode. The first screen displayed is referred to as the **Initial Top screen**. Status of some items can be checked simply by accessing this screen.

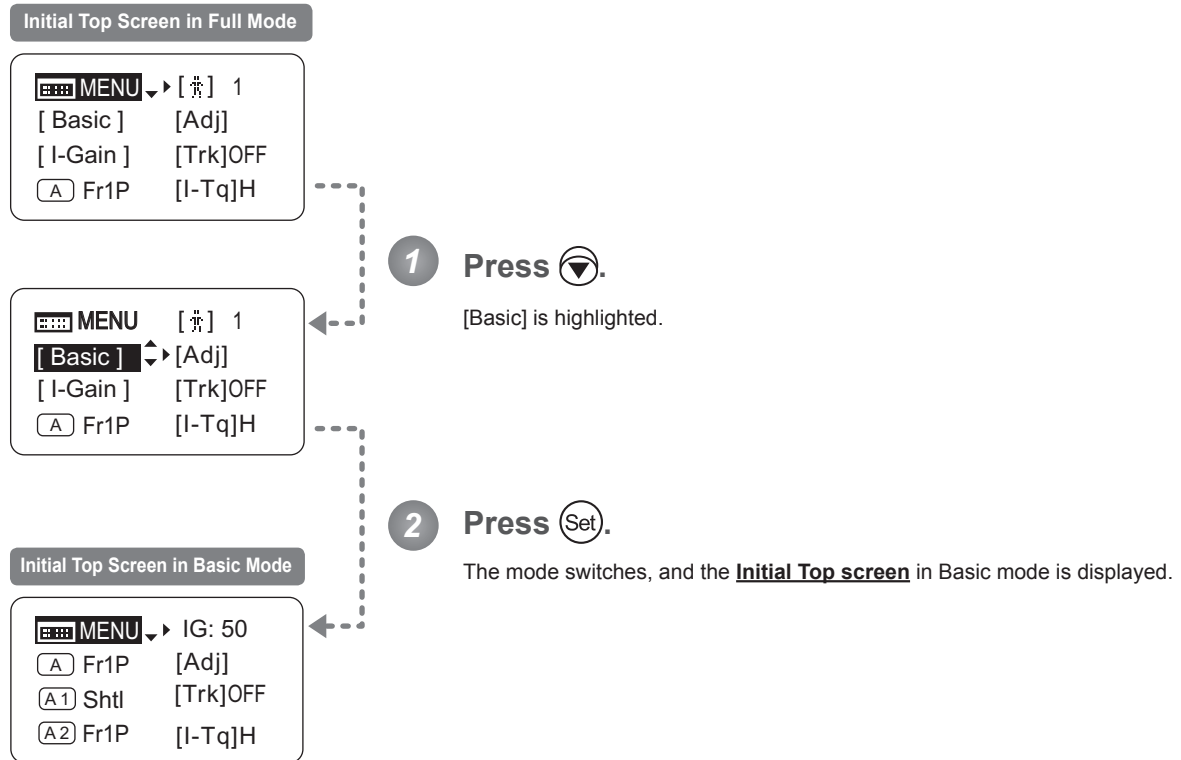
Initial Top Screen in Basic Mode



3.1.1 Selecting Basic Mode

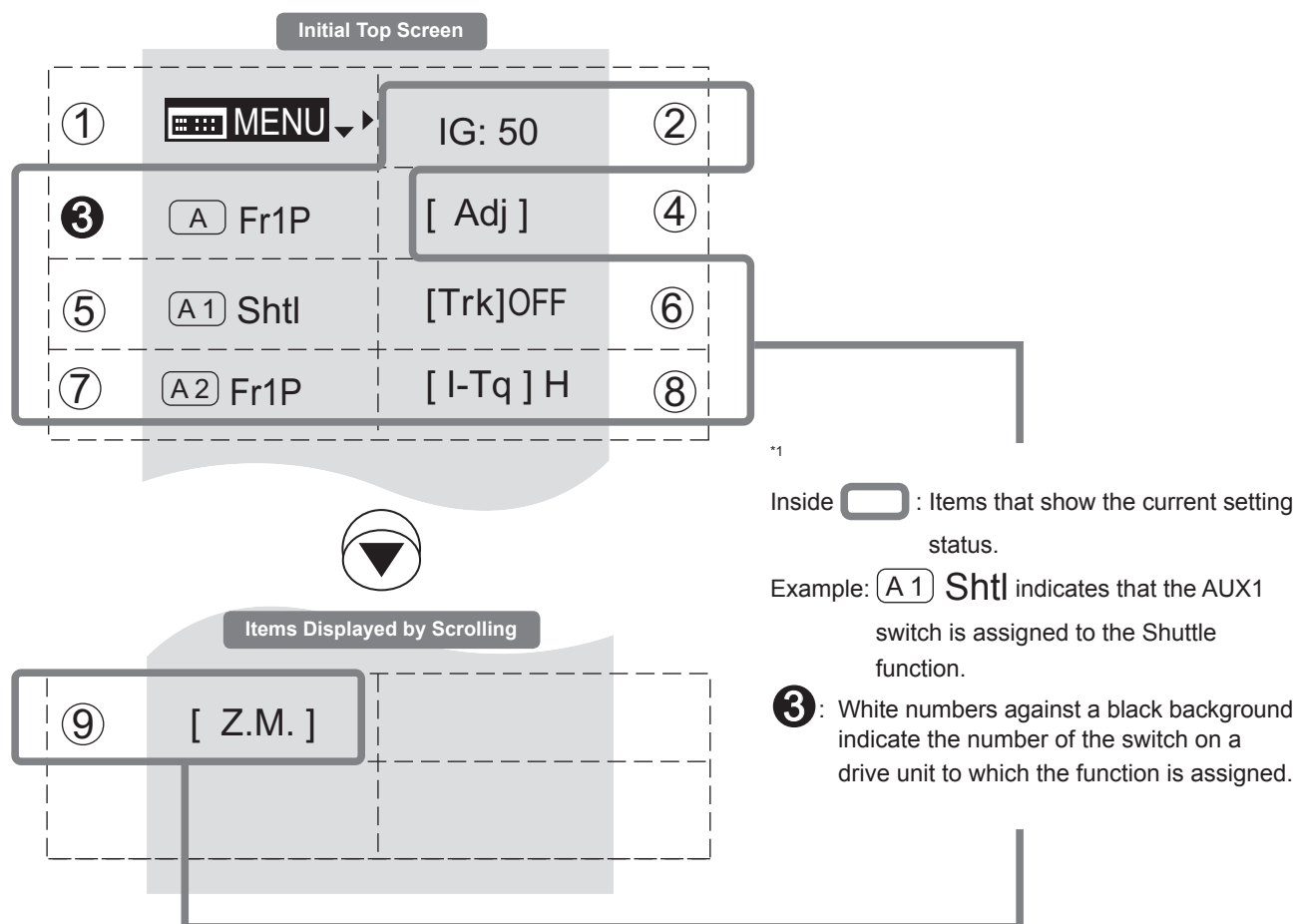
Basic mode is the default mode, but it can also be accessed from other modes as follows.

Switching from Full to Basic Mode



3.1.2 Top Screen

A total of 9 items can be configured on the **Top screen** in Basic mode, and 8 items are shown on the **Initial Top screen**. The other items can be accessed by pressing down to scroll down the screen. (See the following figure.) Status of some items can be checked simply by accessing this screen. (Shown in the figure below.^{*1)}



① **Menu screen**

See “3.2 Configuration from the Menu Screen.”

② **IG Auto iris gain**

Adjust the auto iris gain value as needed.

See “3.1.3 Specifying Auto Iris Gain.”

③ **A AUX switch**

By default, the AUX switch for a drive unit is assigned to the {Frame Preset 1} function, but it can be reassigned as needed.

See “3.1.4 Assigning Functions to the AUX Switch.”

④ **[Adj] Mechanical end auto-adjustment**

Perform automatic adjustment of the mechanical end in zoom, focus, and iris operations on the lens and drive unit.

See “3.1.5 Auto-Adjusting the Mechanical End.”

⑤ **A 1 AUX1 switch**

By default, the AUX1 switch for a zoom demand is assigned to the {Shuttle} function, but it can be reassigned as needed.

See “3.1.6 Assigning Functions to the AUX1 Switch.”

⑥ **[Trk] Zoom tracking**

Switch to ON when using zoom tracking.

See “3.1.7 Zoom Tracking ON/OFF.”

⑦ **A 2 AUX2 switch**

By default, the AUX2 switch for a zoom demand is assigned to the {Frame Preset 1} function, but it can be reassigned as needed.

See “3.1.8 Assigning Functions to the AUX2 Switch.”

⑧ **[I-Tq] Iris torque**

Adjust the level of torque in manual control of the iris ring as needed.

See “3.1.9 Specifying Iris Torque.”

⑨ **[Z.M.] Zoom curve mode**

Adjust zoom speed in response to pressing the zoom seesaw switch or tilting the analog demand thumb ring.

See “3.1.10 Specifying Zoom Curve Mode.”

3.1.3 Specifying Auto Iris Gain

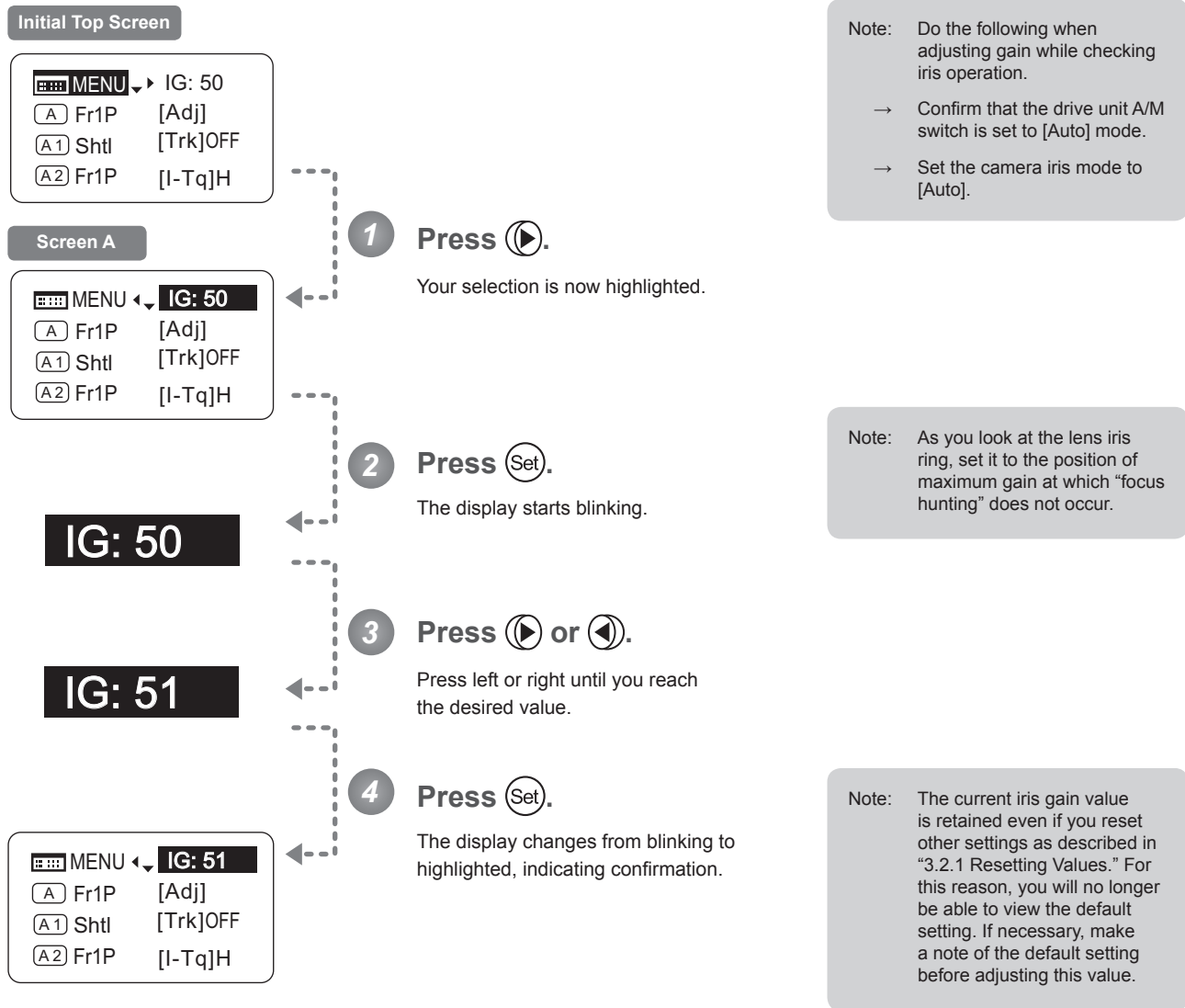
[IG]

Although this value is factory-set, it can be adjusted as needed.

To adjust the value, use either the auto iris gain adjustment trimmer (refer to the Lens Manual) or display operations.

Regardless of the method of adjustment used, the most recent setting takes precedence.

The same auto iris gain value applies to all users.



Options	01	to	99
Description	Minimum gain		Maximum gain

Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.

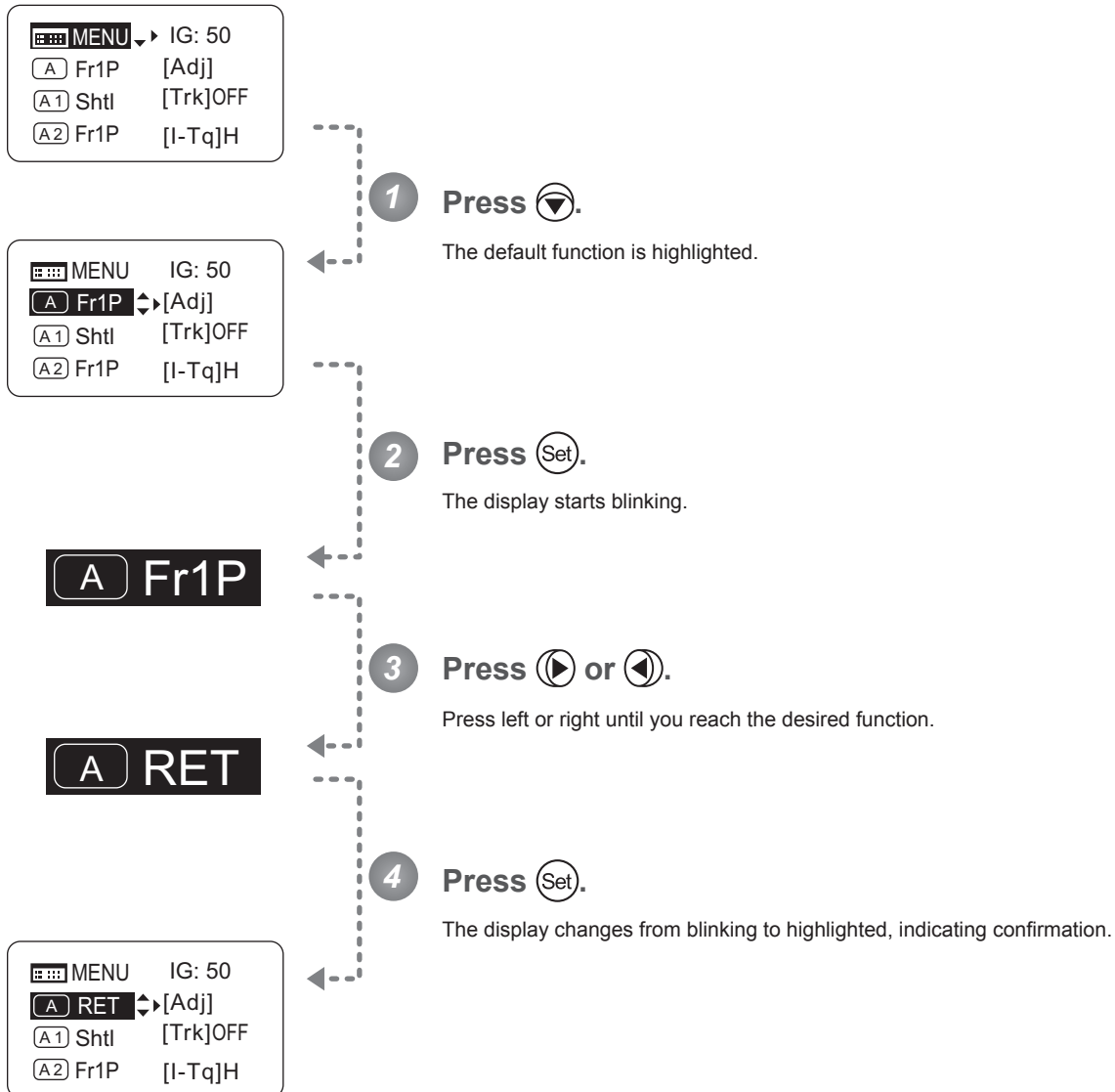


3.1.4 Assigning Functions to the AUX Switch

A

Assign your desired functions to the AUX switch.

Initial Top Screen



Options	^(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value



3.1.5 Auto-Adjusting the Mechanical End

[Adj]

Perform automatic adjustment of the mechanical end in zoom, focus, and iris operations on the lens and drive unit.

Note

If “Auto-Adjustment: Error/Lens Interface: Non-Connected” is displayed after adjustment, contact Canon or your dealer.

Initial Top Screen

MENU ▾ IG: 50
 (A) Fr1P [Adj]
 (A1) Shtl [Trk]OFF
 (A2) Fr1P [I-Tq]H

Screen A

MENU IG: 50
 (A) Fr1P ◀▶ [Adj]
 (A1) Shtl [Trk]OFF
 (A2) Fr1P [I-Tq]H

Lens
 AutoAdjust
 OK? y/n

Auto-Adjustment:
 Succeeded
 Lens Interface:
 Connected

1 Press and then .

Your selection is now highlighted.

2 Press .

The display switches to the Auto-Adjustment screen.

3 Press and then .

Adjustment now begins.

During adjustment, the screen blinks.

After this, adjustment is finished.

Press  after adjustment to return to Screen A.

Note: In manual zoom or focus modes, “Please Check Servo/Manual OK?” is displayed after step 3. After checking, press  to start adjustment.

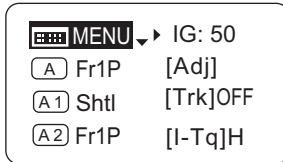
MENU →  →  → [Adj] →  →  or  → 

3.1.6 Assigning Functions to the AUX1 Switch

A1

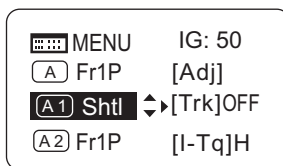
Assign your desired functions to the AUX1 switch.

Initial Top Screen



1 Press twice.

The default function is highlighted.



2 Press .

The display starts blinking.



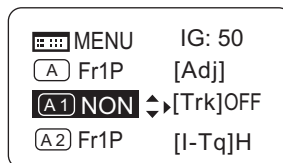
3 Press or .

Press left or right until you reach the desired function.



4 Press .

The display changes from blinking to highlighted, indicating confirmation.



Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	^(D) Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value



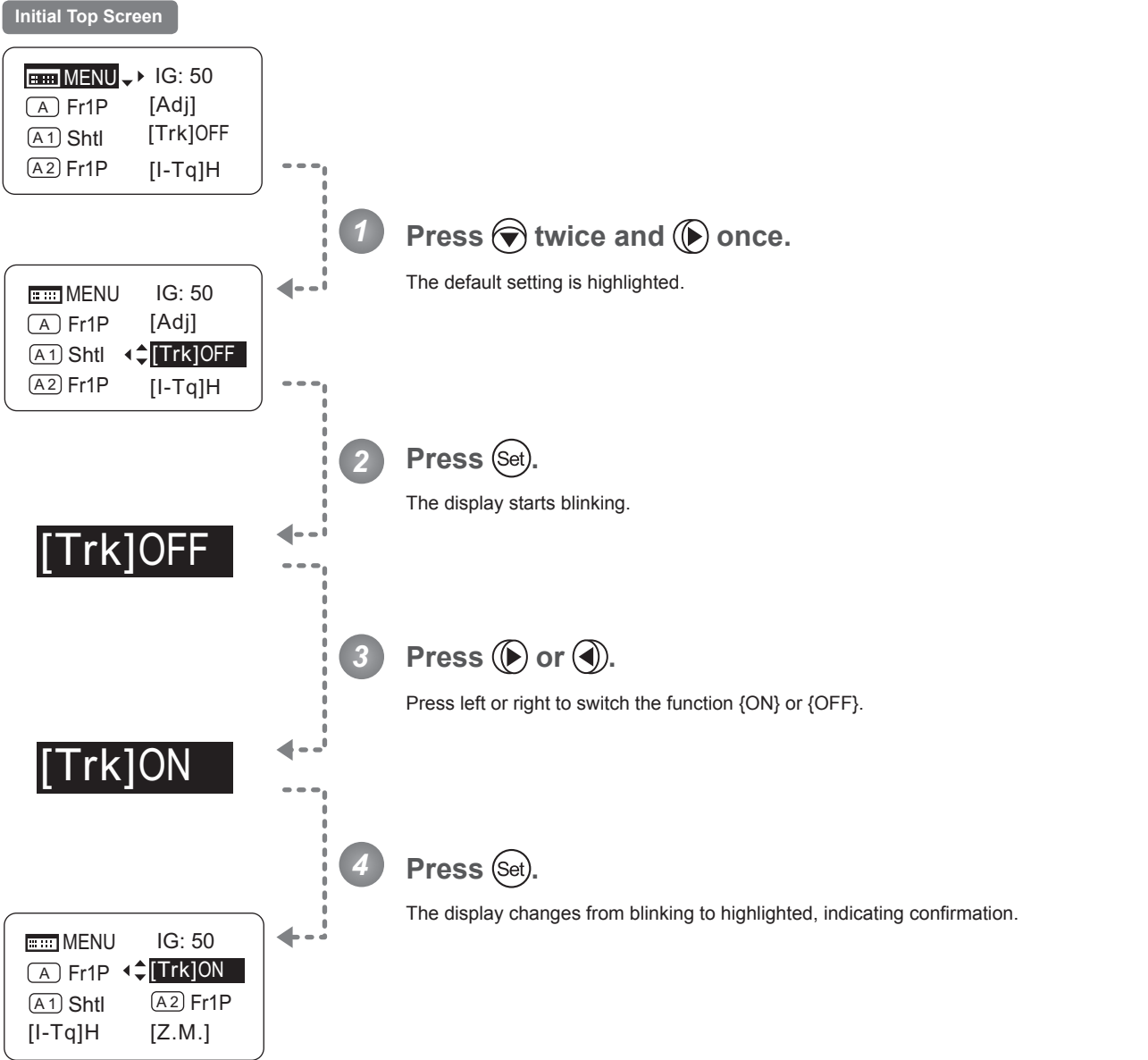
3.1.7 Zoom Tracking ON/OFF

[Trk]

Activate or deactivate zoom tracking as needed.

Important

In Basic mode, any adjustments to this setting are not retained when the lens is turned off, and the default value is restored on startup.



Options	^(D) OFF	ON
(D): Default value		

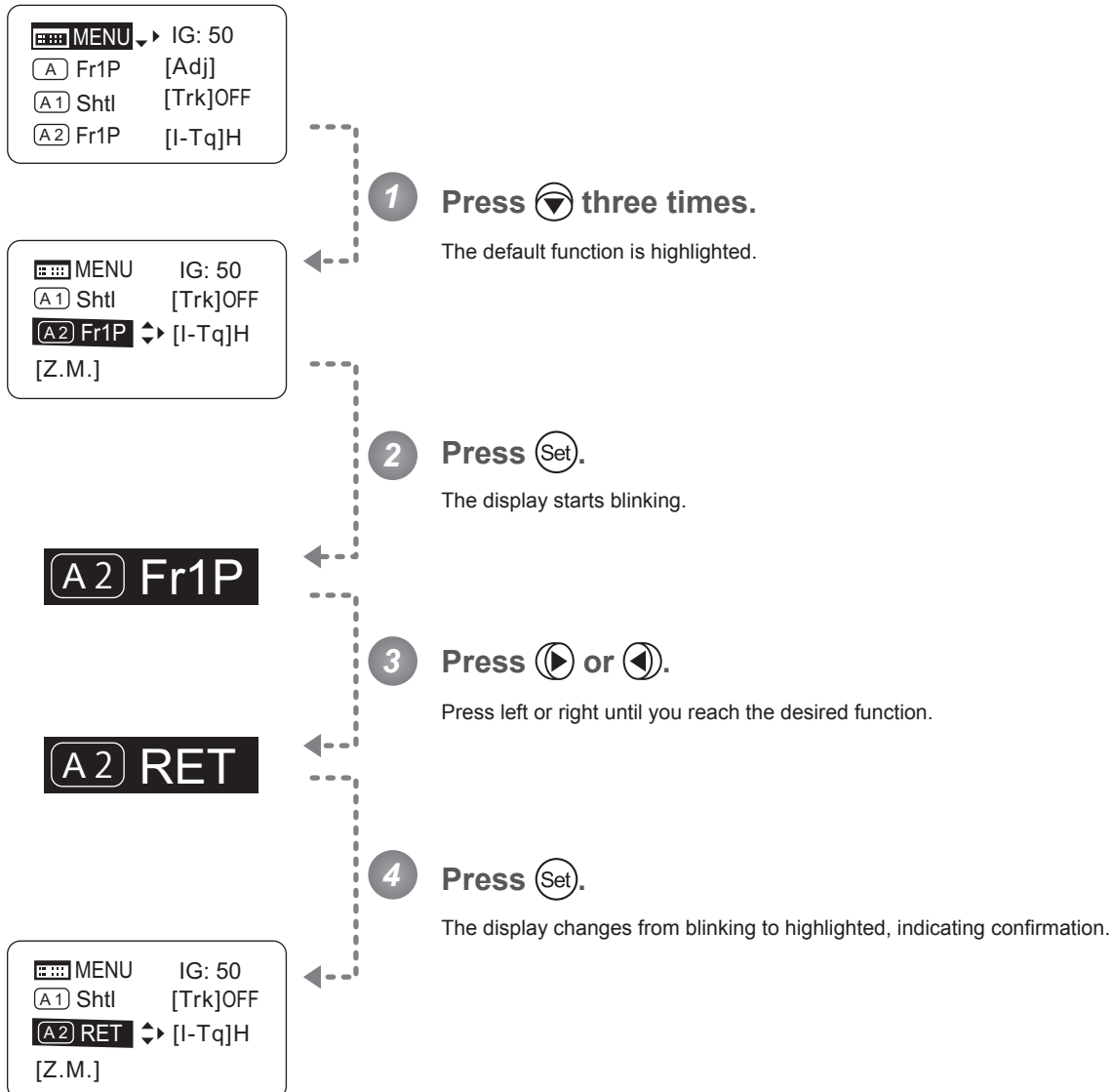


3.1.8 Assigning Functions to the AUX2 Switch

A2

Assign your desired functions to the AUX2 switch.

Initial Top Screen



Options	^(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

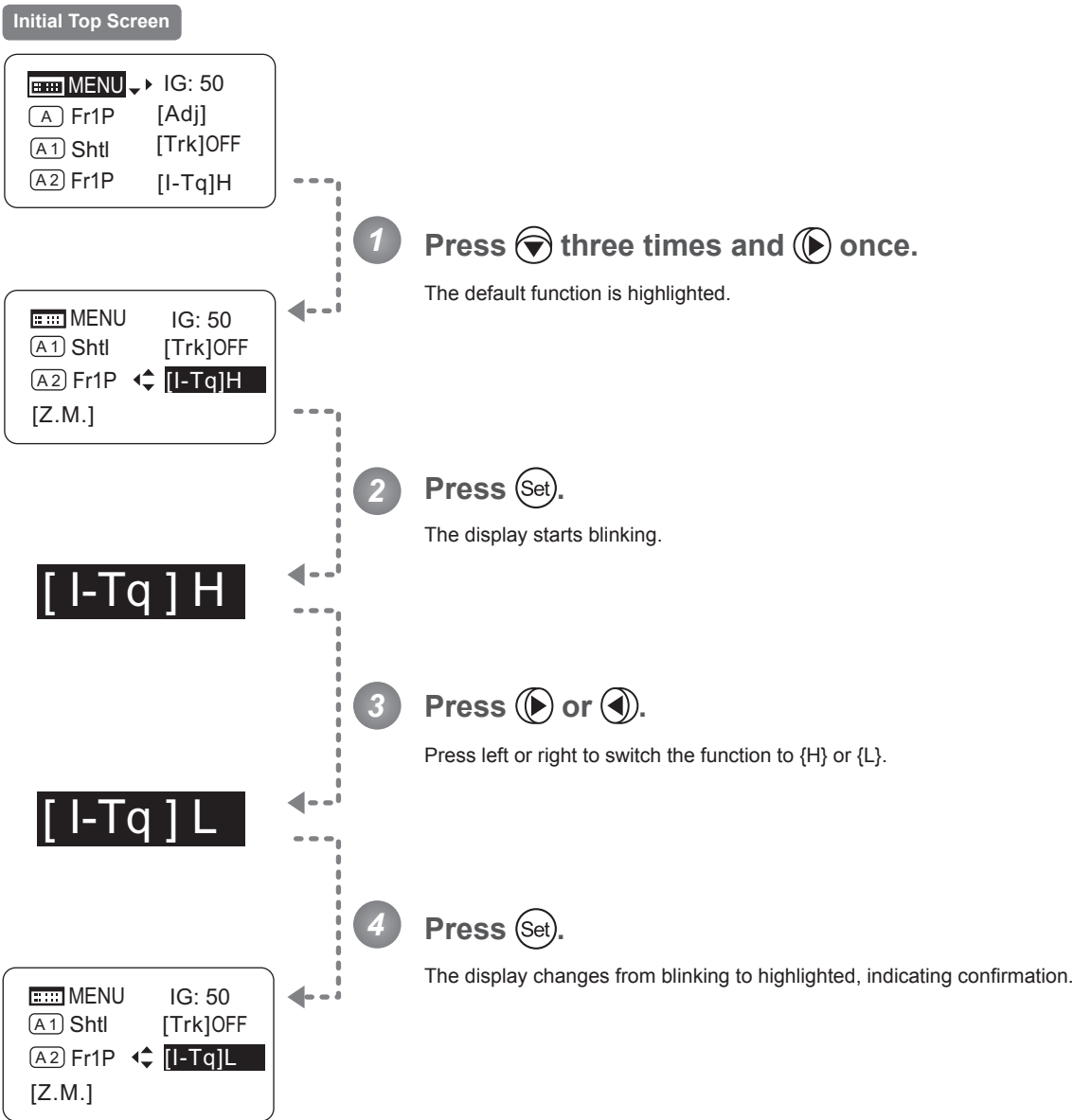
(D): Default value



3.1.9 Specifying Iris Torque

[I-Tq]

Specify the desired level of torque in manual control of the iris ring.



3.1.10 Specifying Zoom Curve Mode

[Z.M.]

Specifying Seesaw Switch Responsiveness

Configure the responsiveness of zoom speed adjustment in response to pressing the zoom seesaw switch.

(Note: Another screen is displayed when this setting is configured.)

Initial Top Screen

MENU ▾ IG: 50
 [A] Fr1P [Adj]
 [A1] Shtl [Trk]OFF
 [A2] Fr1P [I-Tq]H

Screen A

MENU IG: 50
 [A1] Shtl [Trk]OFF
 [A2] Fr1P [I-Tq]H
 [Z.M.] ▴ ▾

CurveMode Screen

Zoom [4]
 ▴ CurveMode 2
 Seesaw: 5
 Demand: 5

Zoom [4]
 CurveMode
 ▴ Seesaw: ◀D5▶ 2
 Demand: 5

Zoom [4]
 CurveMode
 ▴ Seesaw: ◀3▶ 2
 Demand: 5

1 Press four times.

Your selection is now highlighted.

2 Press .

The display switches to the CurveMode screen.

3 Press .

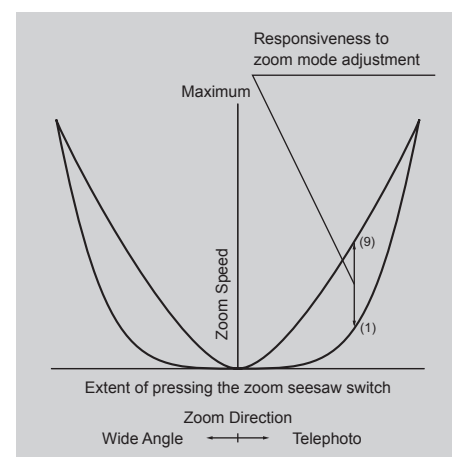
[Seesaw] is underlined.
The default value is highlighted.

4 Press or .

Press left or right until you reach the desired value.

5 Press .

The display reverts to Screen A.



Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

(D): Default value



Specifying Analog Demand Responsiveness

Configure the responsiveness of zoom speed adjustment in response to pressing the analog demand thumb ring.
(Note: Another screen is displayed when this setting is configured.)

Initial Top Screen

MENU ▾ IG: 50
[A] Fr1P [Adj]
[A1] Shtl [Trk]OFF
[A2] Fr1P [I-Tq]H

Screen A

MENU IG: 50
[A1] Shtl [Trk]OFF
[A2] Fr1P [I-Tq]H
[Z.M.] ▴ ▾

CurveMode Screen

Zoom [A] [B]
CurveMode 2
Seesaw: 5
Demand: 5

Zoom [A] [B]
CurveMode
Seesaw: 5
Demand: D5 2

Zoom [A] [B]
CurveMode
Seesaw: 5
Demand: 8 2

1 Press four times.

Your selection is now highlighted.

2 Press .

The display switches to the **CurveMode screen**.

3 Press twice.

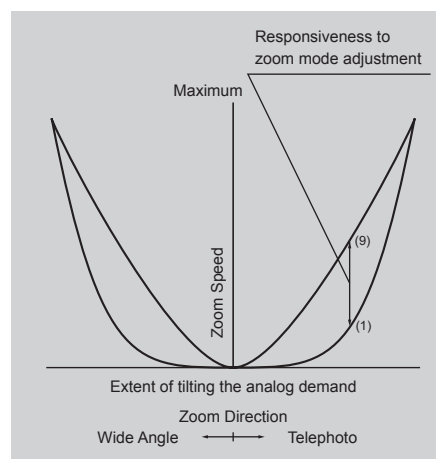
[Demand] is underlined.
The default value is highlighted.

4 Press or .

Press left or right until you reach the desired value.

5 Press .

The display reverts to **Screen A**.



Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

(D): Default value

MENU →  × 4 → [Z.M.] →  →  × 2 →  or  → 

3.2 Configuration from the Menu Screen

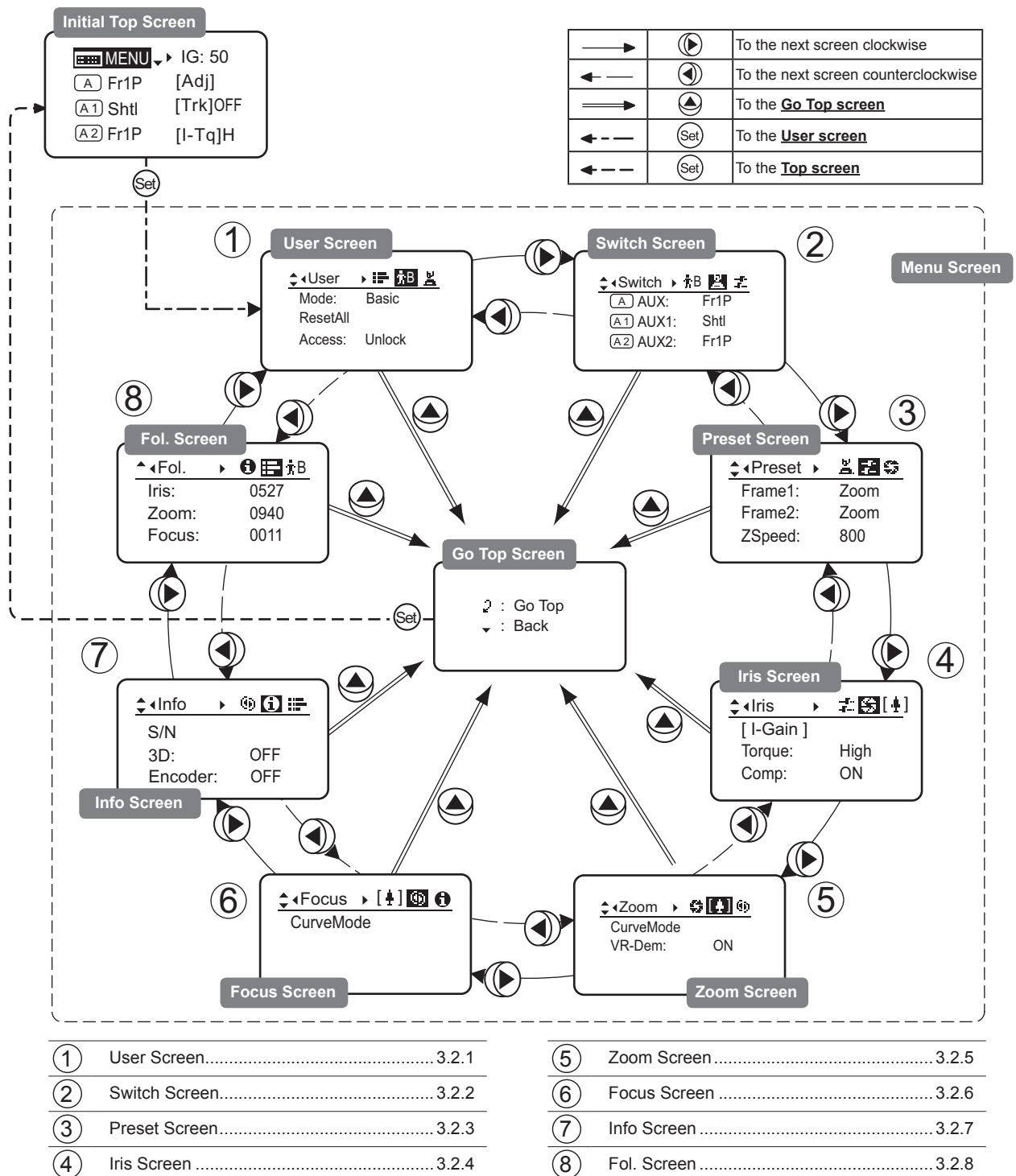
In Basic mode, you can view and configure 22 setting items and a “follow” screen with three setting items that have relative values from the **Menu screen**.*

Specifically, the **Menu screen** in Basic mode is organized into 8 screens by function: **User screen**, **Switch screen**, **Preset screen**, **Iris screen**, **Zoom screen**, **Focus screen**, **Info screen**, and **Fol. screen**.

Select [MENU] on the **Top screen** and press the Set key to access the **User screen** initially. Press left or right to access the 7 other screens. (See the following figure.)

*: There is no single **Menu screen**. Instead, these 8 screens are collectively referred to as the **Menu screen**.

Setting items labeled **Top** next to the function title can also be configured from the **Top screen**.



3.2.1 User Screen Settings

User B is the user in Basic mode.

The following setting items can be configured on the User Screen.

Switching Modes
Resetting Values
Locking Functions

User Screen in Basic Mode

◀User ▶   
Mode: Basic
ResetAll
Access: Unlock

Switching Modes

Switch to Full or Analog mode as needed.

Important

The new mode setting is retained even after the lens is turned off.

Initial Top Screen

MENU

IG: 50

A

Fr1P

[Adj]

A1

Shtl

[Trk]OFF

A2

Fr1P

[I-Tq]H

User Screen

User

Mode:

Basic

ResetAll

Access:

Unlock

User

Mode:

Basic

ResetAll

Access:

Unlock

User

Mode:

Full

No. :

1

Name:

1 Press . The display switches to the **User screen**.

2 Press . [Mode] is underlined. The previous mode is highlighted.

3 Press or . Press left or right until you reach the desired mode.

Options	^(D) Basic	Full	Analog
Save Settings	Basic Mode	Full Mode	Analog Mode

(D): Default value



Resetting Values

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

Initial Top Screen

MENU ▾ IG: 50	
[A] Fr1P	[Adj]
[A1] Shtl	[Trk] OFF
[A2] Fr1P	[I-Tq] H

User Screen

◀ User ▶	⌂ B
Mode: Basic	
ResetAll	
Access: Unlock	

Title: Reset

◀ User ▶	⌂ B
Mode: Basic	
◀ ResetAll ▶	↩
Access: Unlock	

Reset Screen

User	⌂ B
◀ ResetAll ▶	↩
User: y/n	

User	⌂ B
ResetAll	
▲ User: y/n	↩

User B	
Reset Now.	

Title: Reset

◀ User ▶	⌂ B
Mode: Basic	
◀ ResetAll ▶	↩
Access: Unlock	

Note: Iris gain values are not reset.
The current value is retained.

1 Press .

The display switches to the User screen.

2 Press twice.

[ResetAll] is underlined.

3 Press .

The display switches to the Reset screen.

4 Press .

A confirmation message is displayed about resetting information for the selected user.

5 Press and then .

After a message is displayed indicating that resetting is in progress, the display reverts to Title: Reset.

The settings have now been reset.

Note: You can cancel resetting and restore the original values at any time before pressing  in step 5. To return to the previous screen, press up. To cancel resetting and turn off the display, press the Display switch.



Locking Functions

To ensure that configured functions cannot easily be changed, you can lock the settings of certain functions.

Unlocked

◀User ▶

Mode: Basic

ResetAll

Access: Unlock

Locked

◀User ▶

Mode: Basic

ResetAll

Access: Lock

Note

In lock mode, only the following items can still be configured, and other settings are locked.

- Preset data (Shuttle shot position, Frame preset position, Preset speed)
- Auto iris gain setting

(1) Locking Settings

Initial Top Screen

MENU ▶

IG: 50

A Fr1P [Adj]

A1 Shtl [Trk]OFF

A2 Fr1P [I-Tq]H

User Screen

◀User ▶

Mode: Basic

ResetAll

Access: Unlock

User

Mode: Basic

ResetAll

Access: Unlock

1 Press (Set).

The display switches to the User screen.

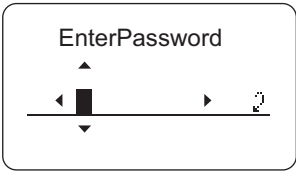
2 Press (Down Arrow) three times.

The previous or default value is highlighted.

3 Press (Set).

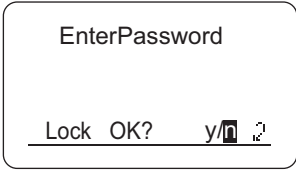
Continued on next page

Continued from previous page



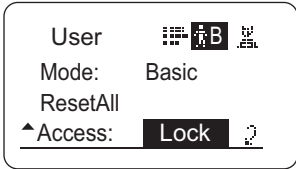
4 Enter the password and press .

Entering Passwords
Press up/down to find characters and left/right to move the cursor or make corrections.
Be careful not to press the Set key until you are finished entering the password.



5 Press and then .

The settings are now locked.



Note

Passwords
No master password is used on this model. The password you enter each time to lock settings is the password used to unlock them. For this reason, we recommend making a note of the password each time. If you forget the password, contact Canon or your dealer. Passwords can be blank or up to 8 digits.

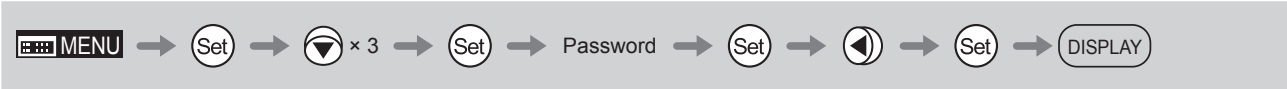
Characters supported in passwords

Options	^(D) _-ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789
Max. Digits	8

(D) : Default value
_ : Space

Options	^(D) Unlock	Lock
---------	-----------------------	------

(D): Default value



(2) Unlocking Settings

Initial Top Screen

MENU ▾ IG: 50
 (A) Fr1P [Adj]
 (A1) Shtl [Trk]OFF
 (A2) Fr1P [I-Tq]H

User Screen

◀User ▶ [B] [A]
 Mode: Basic
 ResetAll
 Access: Lock

1 Press (Set).

The display switches to the User screen.

2 Press (Down Arrow) three times.

The previous or default value is highlighted.

User [B] [A]
 Mode: Basic
 ResetAll
 ▲Access: Lock 2

3 Press (Set).

EnterPassword
 ▲
 ──┐ ──┐
 ▼

4 Enter the password and press (Set).

The password you entered to lock settings is the password used to unlock them.

EnterPassword
 ──┐ ──┐
 Unlock OK? y/n 2

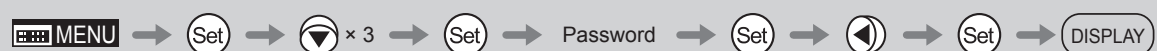
5 Press (Left Arrow) and then (Set).

The settings are now unlocked.

User [B] [A]
 Mode: Basic
 ResetAll
 ▲Access: Unlock 2

Options	^(D) Unlock	Lock
---------	-----------------------	------

(D): Default value



3.2.2 Switch Screen Settings

The following setting items can be configured on the Switch screen.

Assigning Functions to the AUX Switch **Top**

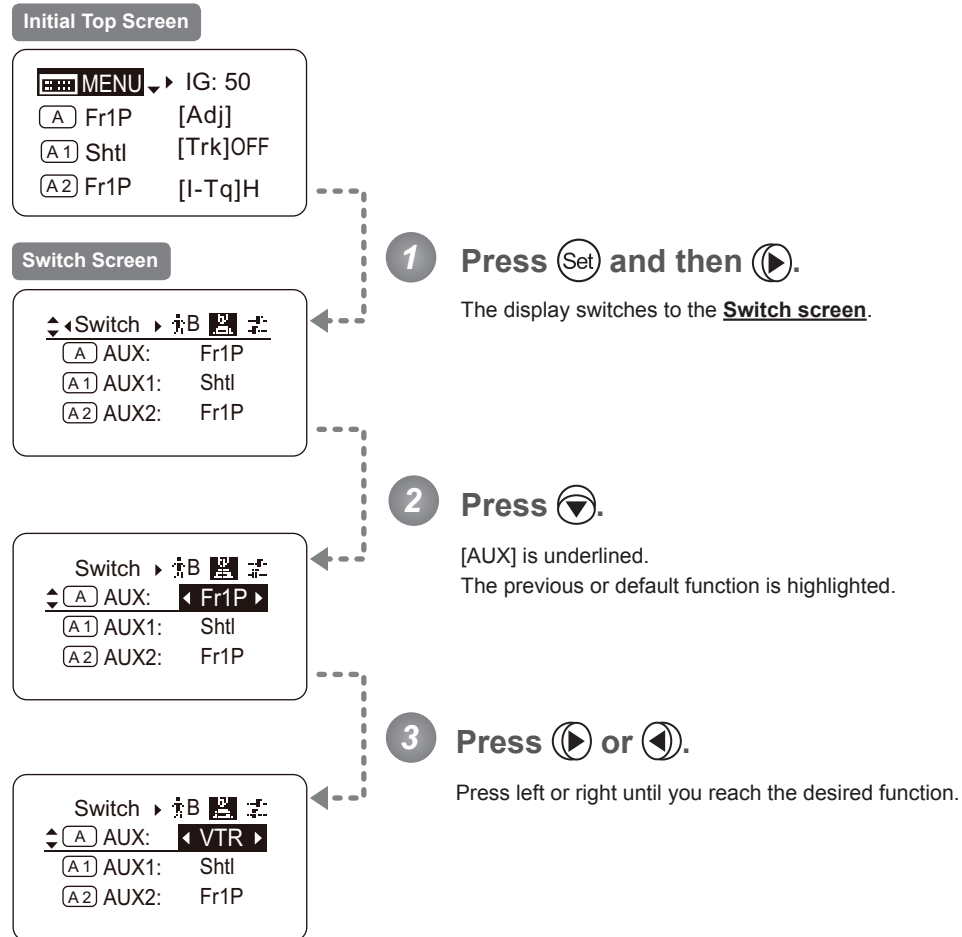
Assigning Functions to the AUX1 Switch **Top**

Assigning Functions to the AUX2 Switch **Top**

Items labeled **Top** can also be modified from the Top screen.

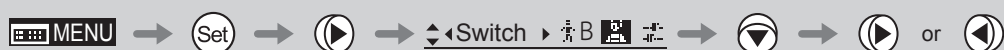
Assigning Functions to the AUX Switch Top

The AUX switch can be programmed to activate a function of your choice.



Options	^(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value



Assigning Functions to the AUX1 Switch Top

The AUX1 switch for a zoom demand can be programmed to activate a function of your choice.

Initial Top Screen

MENU ▾ IG: 50
 (A) Fr1P [Adj]
 (A1) Shtl [Trk]OFF
 (A2) Fr1P [I-Tq]H

Switch Screen

◀Switch ▶ B
 (A) AUX: Fr1P
 (A1) AUX1: Shtl
 (A2) AUX2: Fr1P

1 Press and then .

The display switches to the **Switch screen**.

2 Press twice.

[AUX1] is underlined.
 The previous or default function is highlighted.

Switch ▶ B
 (A) AUX: Fr1P
 (A1) AUX1: Shtl ▶
 (A2) AUX2: Fr1P

3 Press or .

Press left or right until you reach the desired function.

Switch ▶ B
 (A) AUX: Fr1P
 (A1) AUX1: VTR ▶
 (A2) AUX2: Fr1P

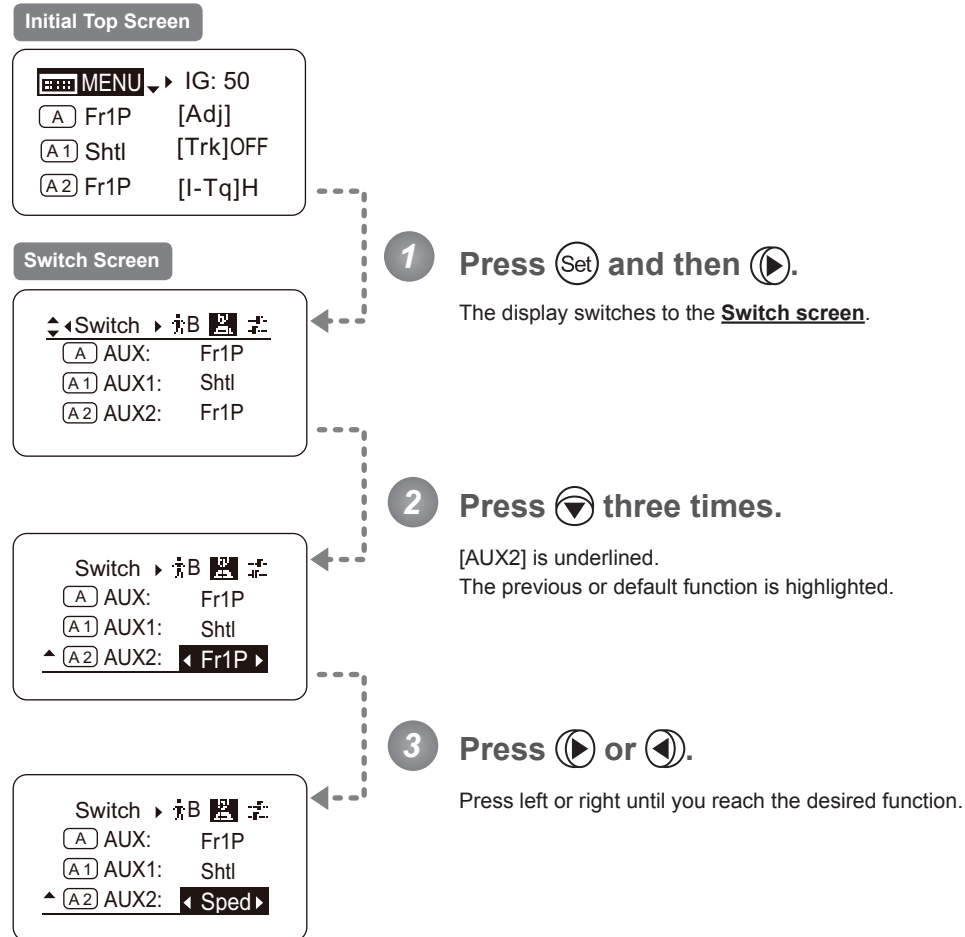
Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	^(D) Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value

MENU → → → ◀Switch ▶ B → × 2 → or

Assigning Functions to the AUX2 Switch Top

The AUX2 switch for a zoom demand can be programmed to activate a function of your choice.



Options	^(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value



3.2.3 Preset Screen Settings

The following setting items can be configured on the **Preset screen**.

Switching What Frame Preset 1 Controls

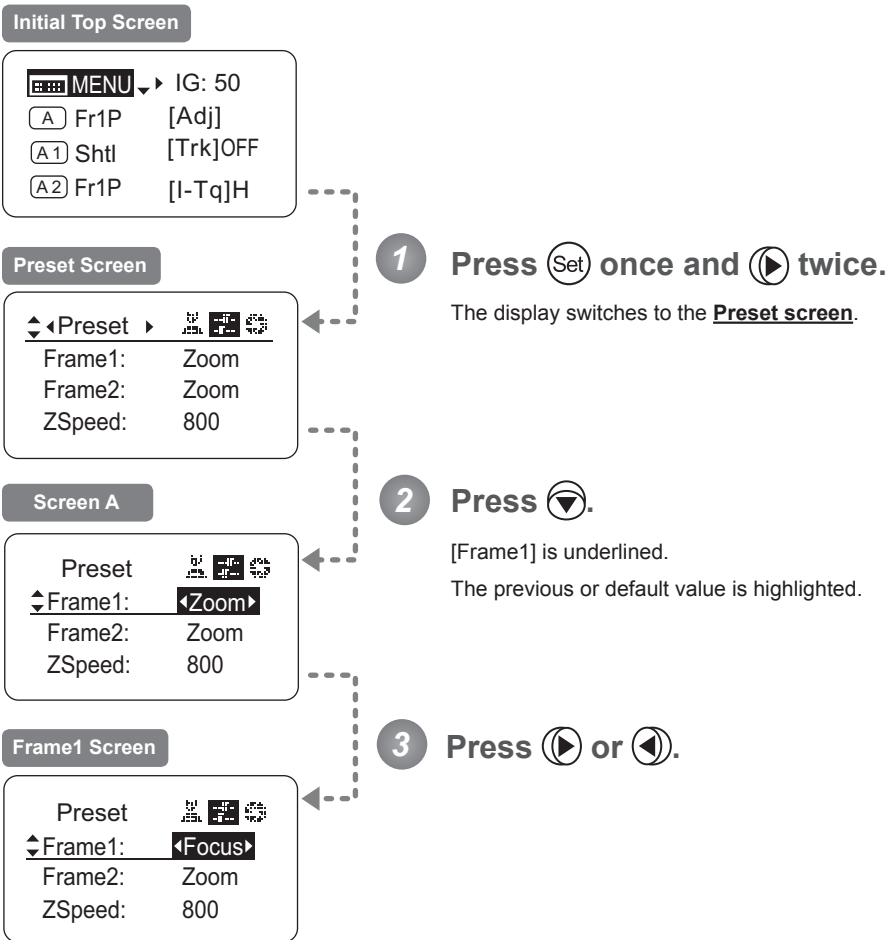
Switching What Frame Preset 2 Controls

Specifying the Preset Mode Zoom Speed

Switching What Frame Preset 1 Controls

Switch what frame preset 1 controls, as needed.

- Zoom : Move the zoom position to the position in memory
- Focus : Move the focus position to the position in memory
- Z+F : Move the zoom and focus position to the position in memory



Options	^(D) Zoom	Focus	Z+F
Description	Control zooming	Control focusing	Control zooming and focusing

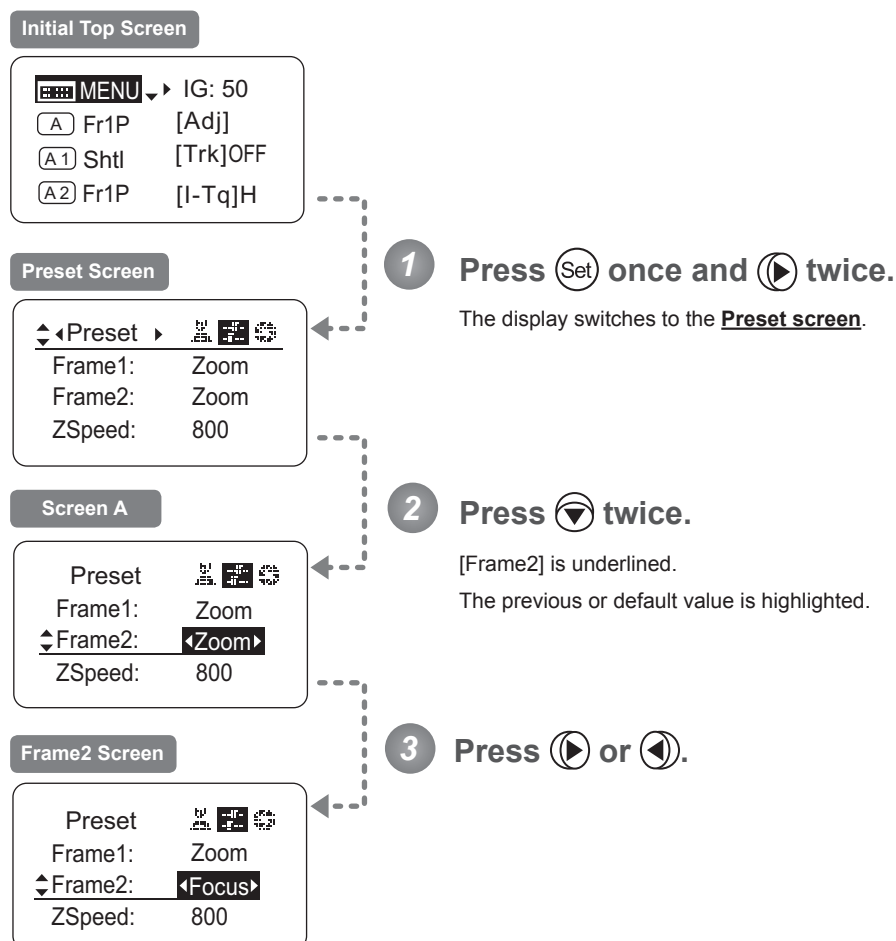
(D): Default value



Switching What Frame Preset 2 Controls

Switch what frame preset 2 controls, as needed.

- Zoom : Move the zoom position to the position in memory
 Focus : Move the focus position to the position in memory
 Z+F : Move the zoom and focus position to the position in memory



Options	^(D) Zoom	Focus	Z+F
Description	Control zooming	Control focusing	Control zooming and focusing

(D): Default value

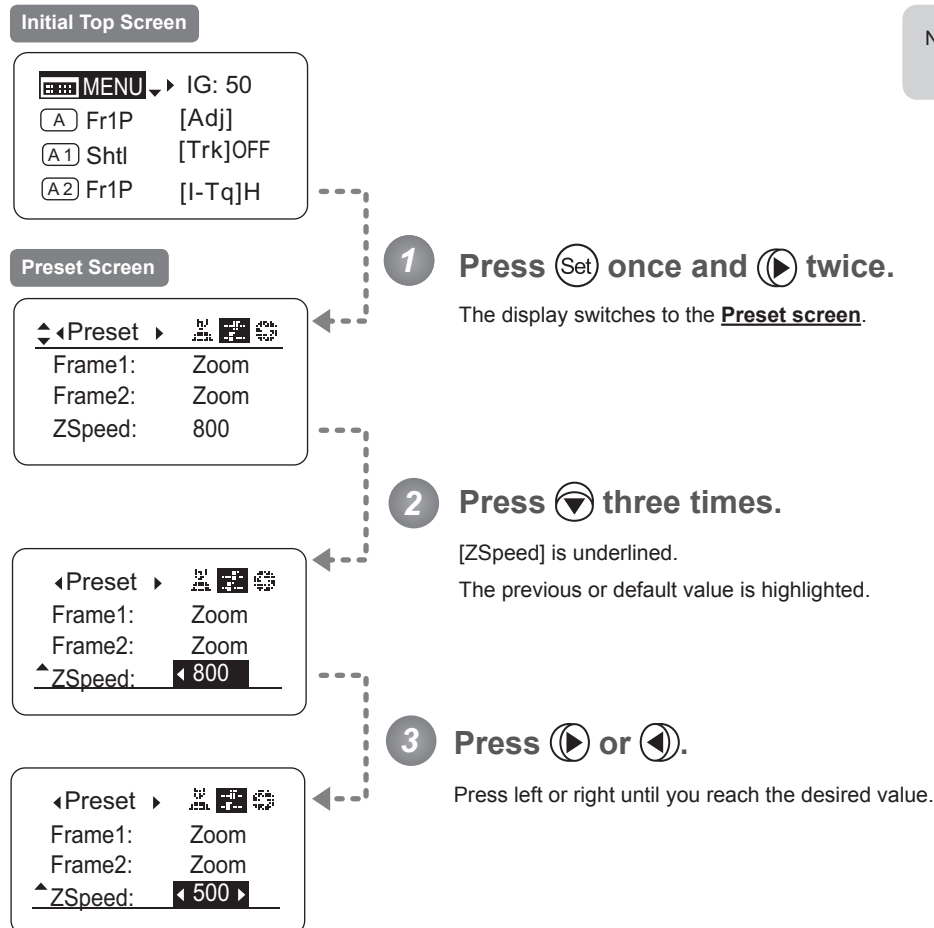


Specifying the Preset Mode Zoom Speed

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

To adjust the value, use either the Memo button (refer to the Lens Manual) or display operations.

Regardless of the method of adjustment used, the most recent setting takes precedence.



Note: Your specified values apply to both Fr1P and Fr2P.

Options	1	to	^(D) 800
Description	Slowest		Fastest

(D): Default value



3.2.4 Iris Screen Settings

The following setting items can be configured on the Iris screen.

Specifying Iris Gain

(1) Specifying Auto Iris Gain

Top

(2) Specifying Remote Iris Gain

Specifying Iris Torque

Top

Iris Compensation ON/OFF

Iris Close Detection ON/OFF

Focus Demand Iris Control ON/OFF

Items labeled **Top** can also be modified from the Top screen.

Specifying Iris Gain

(1) Specifying Auto Iris Gain

Top

Although this value is factory-set, it can be adjusted as needed.

To adjust the value, use either the auto iris gain adjustment trimmer (refer to the Lens Manual) or display operations.

Regardless of the method of adjustment used, the most recent setting takes precedence.

The same auto iris gain value applies to all users.

Initial Top Screen

MENU ▾ IG: 50
 (A) Fr1P [Adj]
 (A1) Shtl [Trk]OFF
 (A2) Fr1P [I-Tq]H

Iris Screen

◀ Iris ▶ [I-Gain]
 Torque: High
 Comp: ON

Screen A

Iris [I-Gain]
 Torque: High
 Comp: ON

[I-Gain] Screen

Iris [I-Gain]
 Auto: 50
 Remote: 90

Iris [I-Gain]
 Auto: 50
 Remote: 90

Iris [I-Gain]
 Auto: 55
 Remote: 90

- 1 Press **Set** once and **▶** three times.

The display switches to the Iris screen.

- 2 Press **▼**.

[I-Gain] is underlined.

- 3 Press **Set**.

The display switches to the [I-Gain] screen.

- 4 Press **▼**.

[Auto] is underlined.

The previous or default value is highlighted.

- 5 Press **▶** or **◀**.

Press left or right until you reach the desired function.

- 6 Press **Set**.

The display reverts to Screen A.

Note: Do the following when adjusting gain while checking iris operation.

- Confirm that the drive unit A/M switch is set to [Auto] mode.
- Set the camera iris mode to [Auto].

Note: As you look at the lens iris ring, set it to the position of maximum gain at which "focus hunting" does not occur.

Note: The current iris gain value is retained even if you reset other settings as described in "3.2.1 Resetting Values." For this reason, you will no longer be able to view the default setting. If necessary, make a note of the default setting before adjusting this value.

Options	01	to	99
Description	Minimum gain		Maximum gain

Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.



(2) Specifying Remote Iris Gain

Although this value is factory-set, it can be adjusted as needed.
The same remote iris gain value applies to all users.

Initial Top Screen

MENU ▾ IG: 50
 (A) Fr1P [Adj]
 (A1) Shtl [Trk]OFF
 (A2) Fr1P [I-Tq]H

Iris Screen

◀ Iris ▶ []
 [I-Gain]
 Torque: High
 Comp: ON

Screen A

Iris []
 ◀ [I-Gain] ▶ ?
 Torque: High
 Comp: ON

[I-Gain] Screen

Iris []
 ◀ [I-Gain] ▶ ?
 Auto: 50
 Remote: 90

Iris []
 [I-Gain]
 Auto: 50
 ▲ Remote: ◀90▶ ?

Iris []
 [I-Gain]
 Auto: 50
 ▲ Remote: ◀93▶ ?

1 Press once and three times.

The display switches to the Iris screen.

2 Press .

[I-Gain] is underlined.

3 Press .

The display switches to the [I-Gain] screen.

4 Press twice.

[Remote] is underlined.

The previous or default value is highlighted.

5 Press or .

Press left or right until you reach the desired function.

6 Press .

The display reverts to Screen A.

Note: Do the following when adjusting gain while checking iris operation.

→ Confirm that the drive unit A/M switch is set to [Auto] mode.

→ Set the camera iris mode to [Remote].

Note: The current iris gain value is retained even if you reset other settings as described in “3.2.1 Resetting Values.” For this reason, you will no longer be able to view the default setting. If necessary, make a note of the default setting before adjusting this value.

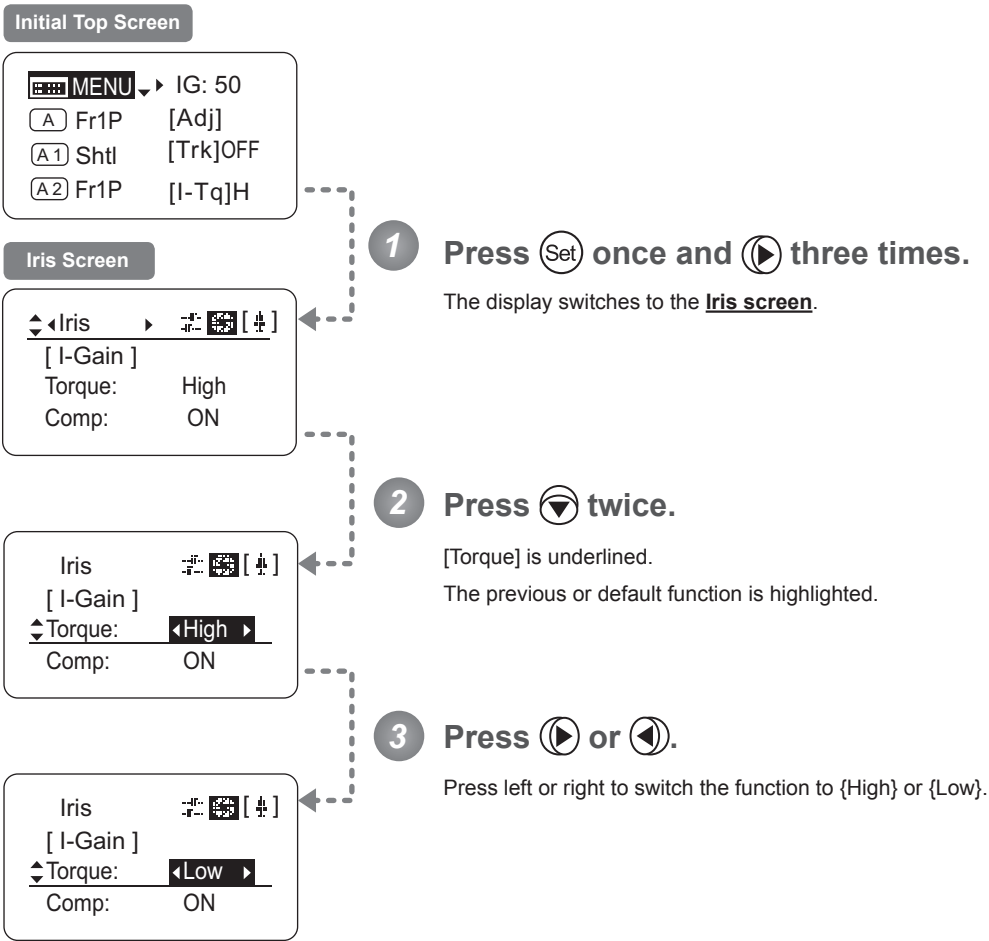
Options	01	to	99
Description	Minimum gain		Maximum gain

Default value: 90

MENU → → × 3 → [] → → → × 2 → or →

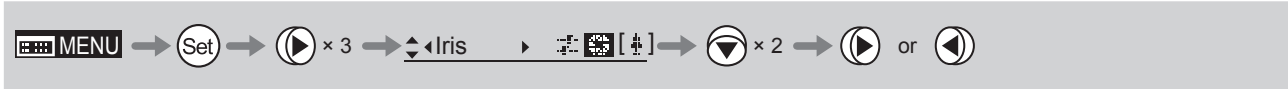
Specifying Iris Torque Top

Specify the desired level of torque in manual control of the iris ring.



Options	^(D) High	Low
Description	High torque	Low torque

(D): Default value



Iris Compensation ON/OFF

The amount of light decreases when an extender (2.0×) is used. You can specify a function that compensates by opening the iris by an amount equivalent to f/2.

Initial Top Screen

MENU ▾ IG: 50
 (A) Fr1P [Adj]
 (A1) Shtl [Trk]OFF
 (A2) Fr1P [I-Tq]H

Iris Screen

◀ Iris ▶ [I-Gain]
 Torque: High
 Comp: ON

1 Press once and three times.

The display switches to the Iris screen.

2 Press three times.

[Comp] is underlined.

The previous or default function is highlighted.

*: Displayed when {Comp} is set to ON.

3 Press or .

Press left or right to switch the function {ON} or {OFF}.

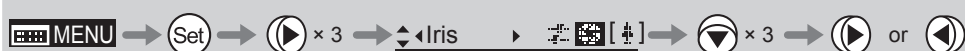
Note: The iris may not fully close in some cases when the iris compensation is set to ON while an extender (2.0×) is used. If so, activate detection as described in "Iris Close Detection ON/OFF."

Iris [I-Gain]
 Torque: High
 ◀ Comp: ▶ ON
 *Close: OFF

Iris [I-Gain]
 Torque: High
 ◀ Comp: ▶ OFF
 Controller OFF

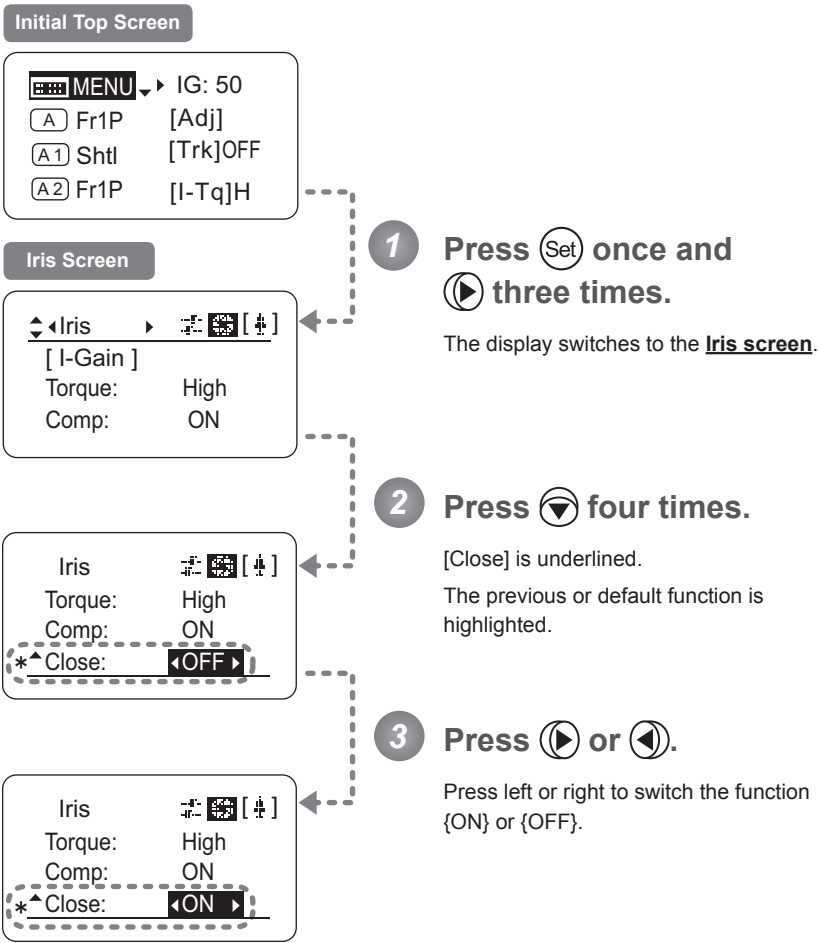
Options	^(D) ON	OFF
Description	Iris compensation	No iris compensation

(D): Default value



Iris Close Detection ON/OFF

The iris cannot be fully closed when correction is active and an extender (2.0×) is used. As a countermeasure, you can specify a function to detect iris close and close the iris as needed.



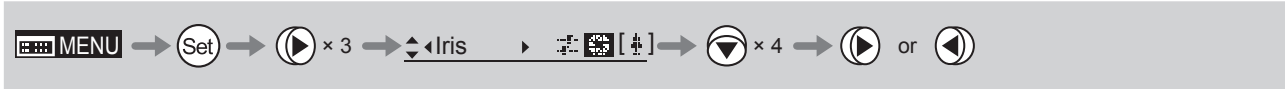
Note: With some cameras, iris compensation may conflict with iris control by the camera, preventing correct iris operation. If so, deactivate iris close detection.

*: Displayed when {Comp} is set to ON.

Note: Iris close is detected only when iris compensation is enabled.

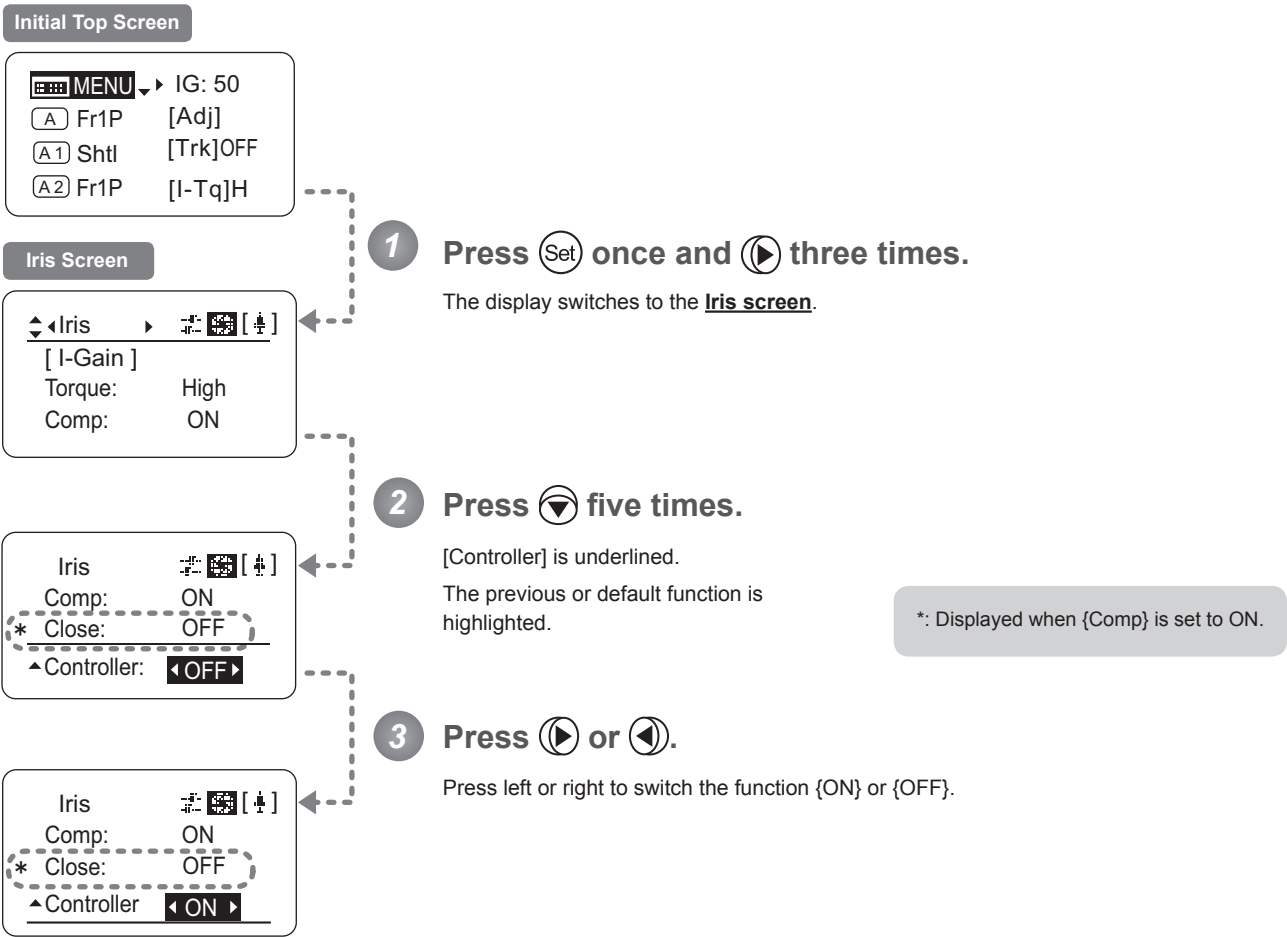
Options	^(D) OFF	ON
Description	No close detection	Close detection

(D): Default value



Focus Demand Iris Control ON/OFF

Iris operations using a focus demand can be switched on or off.



Options	ON	^(D) OFF
Description	Iris controlled with focus demand	Iris not controlled with focus demand

(D): Default value



3.2.5 Zoom Screen Settings

The following setting items can be configured on the Zoom screen.

Specifying Seesaw Switch Responsiveness

Specifying Analog Demand Responsiveness

Demand-Based Zoom Speed Adjustment ON/OFF

Specifying Seesaw Switch Responsiveness

Configure the responsiveness of zoom speed adjustment in response to pressing the zoom seesaw switch.

(Note: Another screen is displayed when this setting is configured.)

Initial Top Screen

MENU ▸ IG: 50
 [A] Fr1P [Adj]
 [A1] Shtl [Trk]OFF
 [A2] Fr1P [I-Tq]H

Zoom Screen

◀Zoom ▶
 CurveMode
 VR-Dem: ON

Screen A

Zoom
 ◀CurveMode ▶ 2
 VR-Dem: ON

CurveMode Screen

Zoom
 ◀CurveMode ▶ 2
 Seesaw: 5
 Demand: 5

Zoom
 CurveMode
 ◀Seesaw: ▶ D5 ▶ 2
 Demand: 5

Zoom
 CurveMode
 ◀Seesaw: ▶ 7 ▶ 2
 Demand: 5

1 Press once and four times.

The display switches to the Zoom screen.

2 Press .

[CurveMode] is underlined.

3 Press .

The display switches to the CurveMode screen.

4 Press .

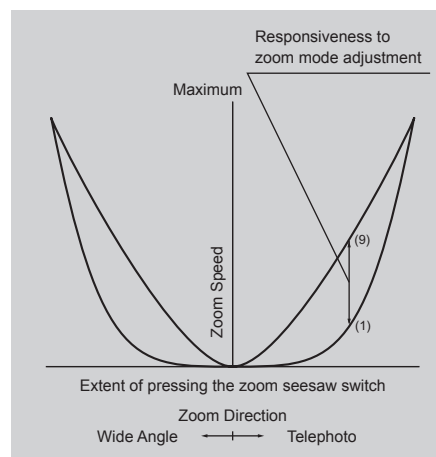
[Seesaw] is underlined.
 The previous or default value is highlighted.

5 Press or .

Press left or right until you reach the desired function.

6 Press .

The display reverts to Screen A.



Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

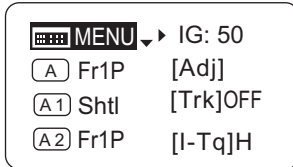
(D): Default value

MENU → → × 4 → ◀Zoom ▶ → → → → or →

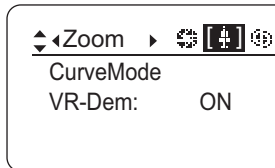
Specifying Analog Demand Responsiveness

Configure the responsiveness of zoom speed adjustment in response to pressing the analog demand thumb ring.
(Note: Another screen is displayed when this setting is configured.)

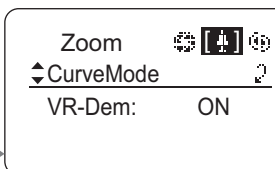
Initial Top Screen



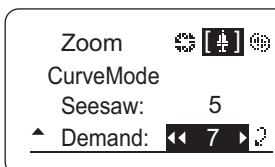
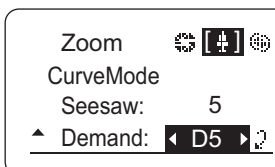
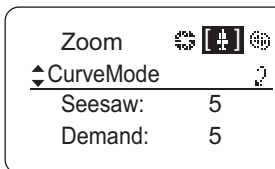
Zoom Screen



Screen A



CurveMode Screen



- 1 Press **Set** once and **▶** four times.

The display switches to the Zoom screen.

- 2 Press **▼**.

[CurveMode] is underlined.

- 3 Press **Set**.

The display switches to the CurveMode screen.

- 4 Press **▼** twice.

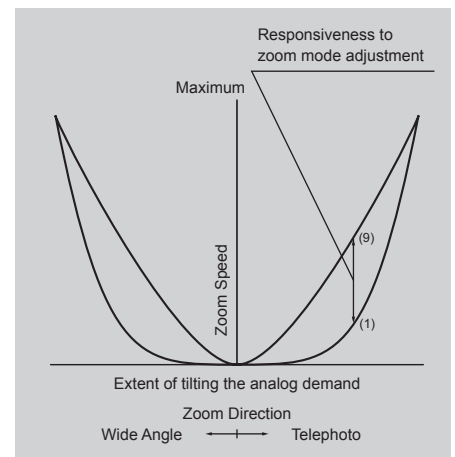
[Demand] is underlined.
The previous or default value is highlighted.

- 5 Press **▶** or **◀**.

Press left or right until you reach the desired function.

- 6 Press **Set**.

The display reverts to Screen A.



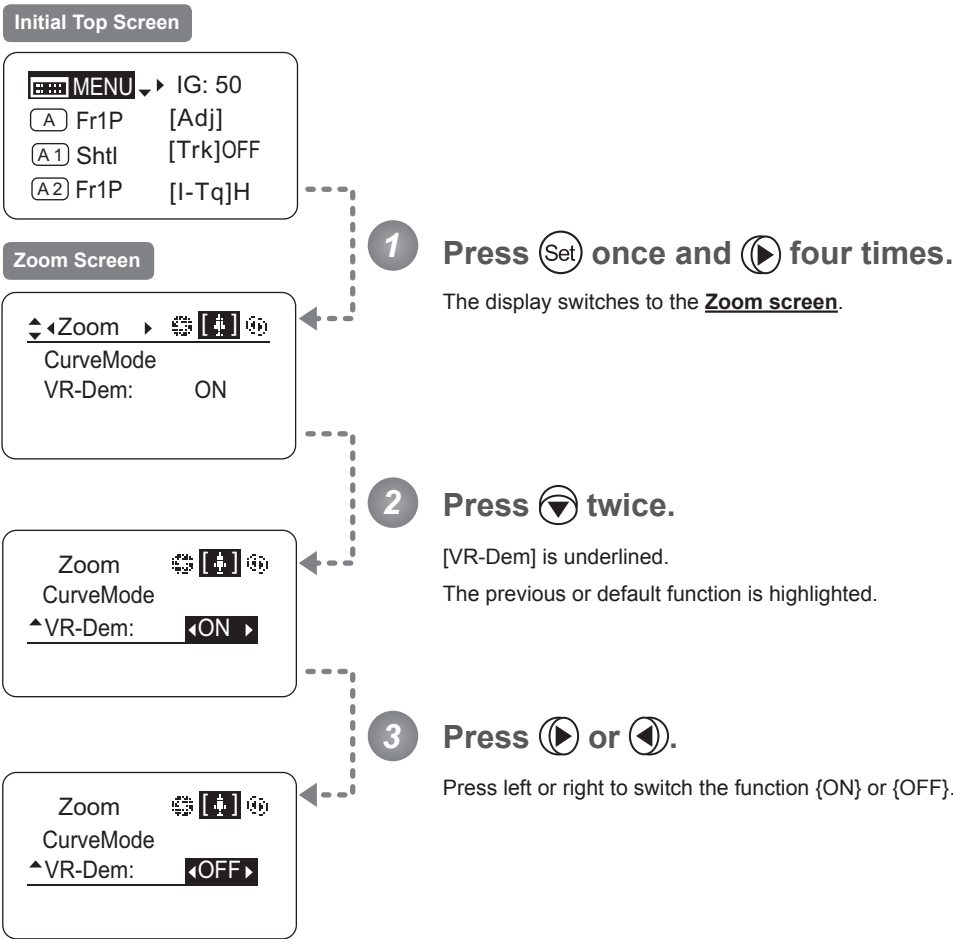
Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

(D): Default value



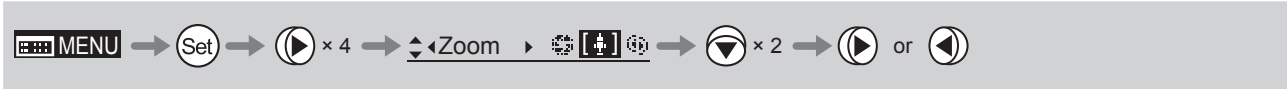
Demand-Based Zoom Speed Adjustment ON/OFF

Enable or disable adjustment of the maximum drive unit zoom speed based on the zoom demand.



Options	^(D) ON	OFF
Description	Enabled	Disabled

(D): Default value



3.2.6 Focus Screen Settings

The following setting items can be configured on the Focus screen.

Specifying Focus Demand Responsiveness

Specifying Focus Demand Responsiveness

Specify responsiveness in analog focus demand operations as needed.

Initial Top Screen

```

MENU ▾ ▶ [ 1 ]
[ Basic ] [ Adj ]
[ I-Gain ] [ Trk ] OFF
[A] Fr1P [ I-Tq ] H
  
```

Focus Screen

```

Focus ▾ ▶ [ 1 ] [ 0 ] [ 1 ]
CurveMode
  
```

Screen A

```

Focus [ 1 ] [ 0 ] [ 1 ]
CurveMode
  
```

CurveMode Screen

```

Focus [ 1 ] [ 0 ] [ 1 ]
CurveMode
ADemand: 5
  
```

```

Focus [ 1 ] [ 0 ] [ 1 ]
CurveMode
ADemand: D5
  
```

```

Focus [ 1 ] [ 0 ] [ 1 ]
CurveMode
ADemand: 7
  
```

Note: These settings take effect when the curve selection switch on the focus demand is set toward FAR.

1 Press **Set** once and **Left Arrow** three times.

The display switches to the **Focus screen**.

2 Press **Down Arrow**.

[CurveMode] is underlined.

3 Press **Set**.

The display switches to the **CurveMode screen**.

4 Press **Down Arrow**.

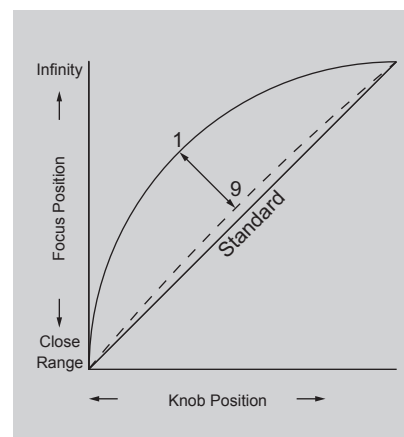
[ADemand] is underlined.
The previous or default value is highlighted.

5 Press **Left Arrow** or **Right Arrow**.

Press left or right until you reach the desired function.

6 Press **Set**.

The display reverts to **Screen A**.



Options	1	to	9
Description	Large curve		Small curve

Default value: 5

```

MENU ▾ ▶ [ 1 ] → Set → Left Arrow × 3 → Focus ▾ ▶ [ 1 ] [ 0 ] [ 1 ] → Down Arrow → Set → Down Arrow → Left Arrow or Right Arrow → Set
  
```

3.2.7 Info Screen Settings

The following setting items can be configured on the **Info screen**.

Checking Serial Numbers

Specifying the 3D Function (For information on specifying the 3D function, see the instruction manual of the BC-100 3D cable.)

Specifying Encoder Output

Serial Communication with Camera ON/OFF

Specifying the Input Route for Command Signals from the Camera

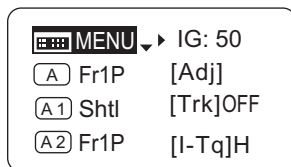
Specifying the / Δ Technology Distance Unit

Checking Lens–Drive Unit Communication

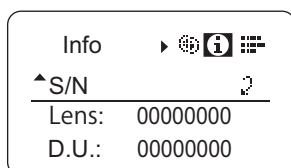
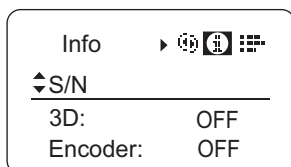
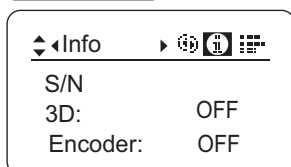
Checking Serial Numbers

Check lens and drive unit serial numbers as needed.

Initial Top Screen



Info Screen



1 Press once and twice.

The display switches to the Info screen.

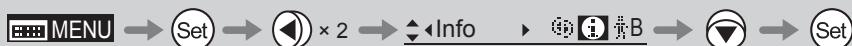
2 Press .

[S/N] is underlined.

3 Press .

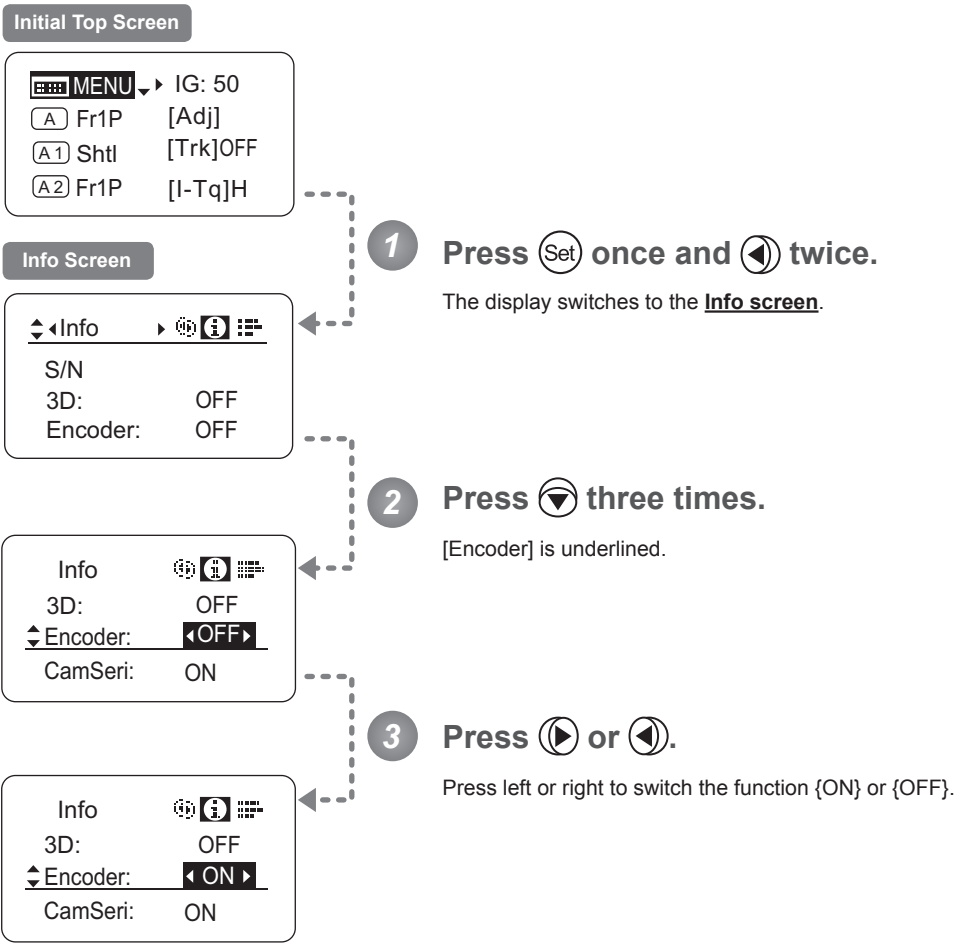
The lens and drive unit serial numbers are displayed.

Note: The serial number of the lens is not displayed when no power is being supplied to the lens from the camera mount.



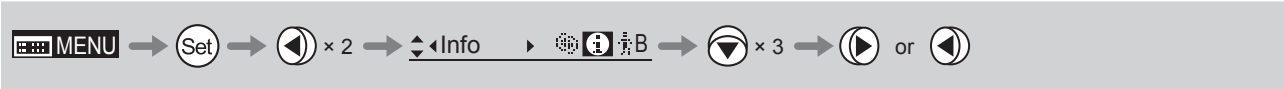
Specifying Encoder Output

Enable or disable encoder output as needed. Enabling output enables virtual connector output. For details, contact Canon or your dealer.



Options	^(D) OFF	ON
Description	Output disabled	Output enabled

(D): Default value

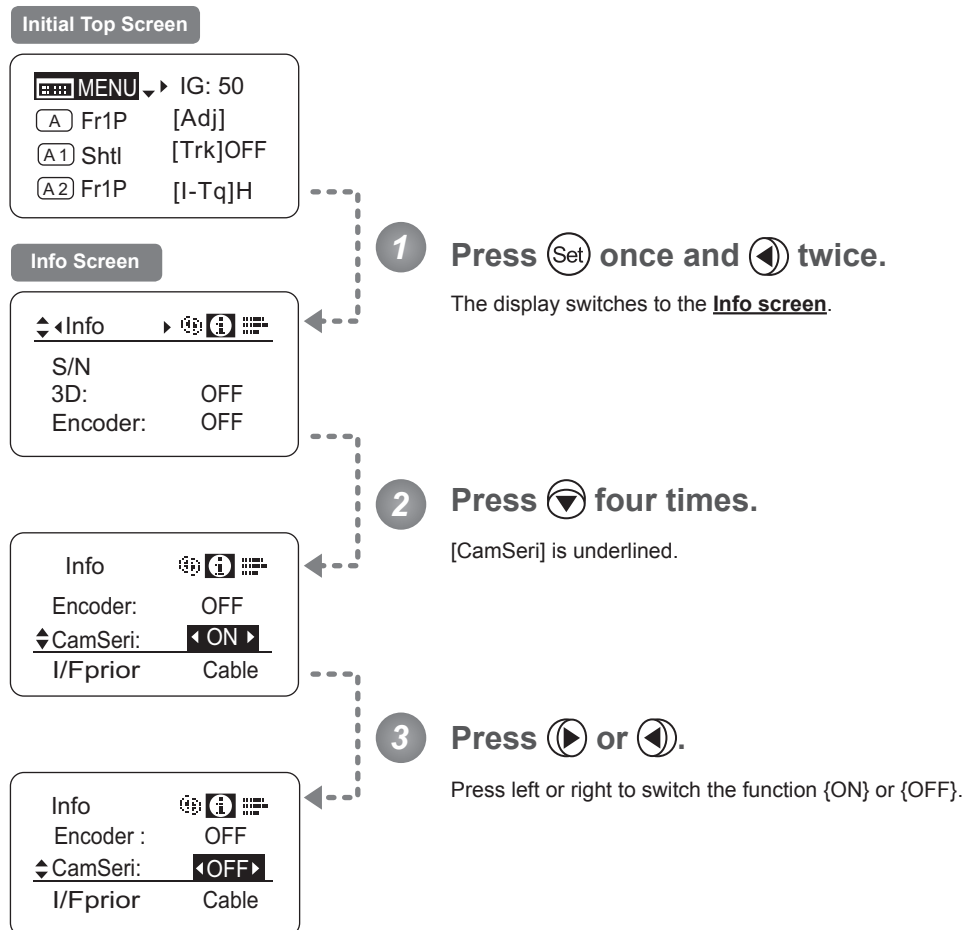


Serial Communication with Camera ON/OFF

Two types of camera–lens interfaces are available: analog control or control via serial communication. This setting enables you to switch between auto control detection and analog control.

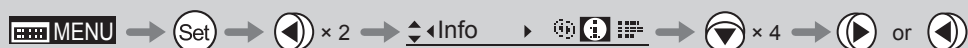
By default, this setting is ON, enabling auto detection of whether serial or analog control is used.

To restrict the interface to analog control, set it to OFF.



Options	^(D) ON	OFF
Description	Serial communication with the camera Enabled	Serial communication with the camera Disabled

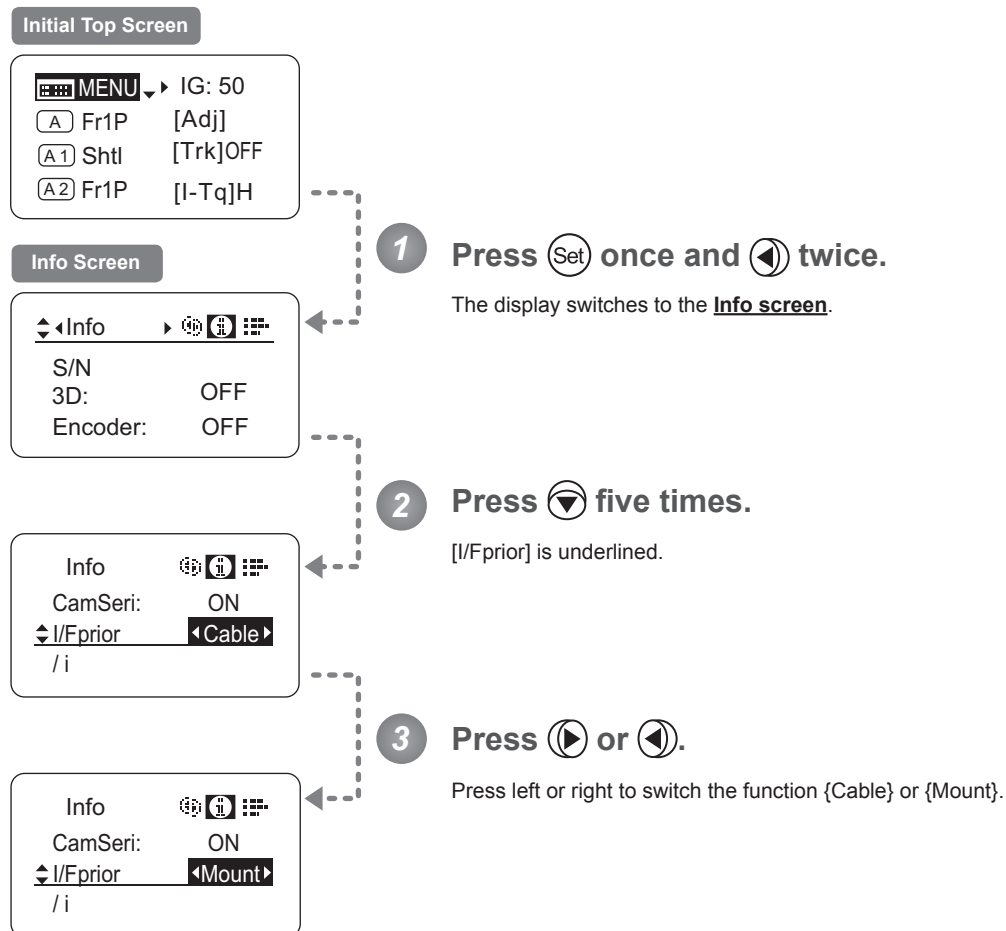
(D): Default value



Specifying the Input Route for Command Signals from the Camera

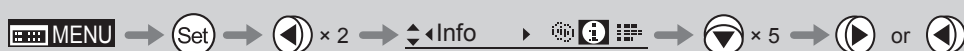
There are two input routes for command signals from the camera: via the mount and via the 12-pin cable. This setting specifies the input route for command signals from the camera. The default setting is "Mount," and in this case command signals received via the mount are given priority.

However, the command signals via the 12-pin cable are received automatically if no command signals are input via the mount. When the "Cable" setting is selected, only command signals received via the 12-pin cable are used.



Options	^(D) Mount	Cable
Description	Via mount	Via 12-pin cable

(D): Default value



Specifying the $\frac{1}{i}$ Technology Distance Unit

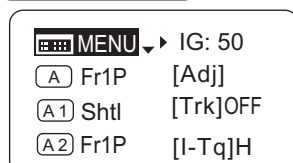
When $\frac{1}{i}$ Technology is used (only when a PL mount camera is attached), it is possible to specify the initial setting for the unit (feet or meters) used to express distances in information sent to the camera. Accordingly, information sent for the actual subject distance, hyperfocal distance, subject distance at close range and infinity, and entrance pupil position is expressed in the specified unit.

Note

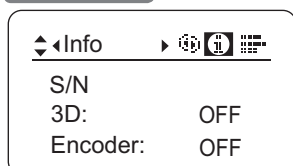
Any distance unit set on the camera takes precedence.

$\frac{1}{i}$ is trademark of Cooke Optics Limited.

Initial Top Screen



Info Screen



1 Press Set once and $\leftarrow$ twice.

The display switches to the Info screen.

2 Press $\downarrow$ six times.

[$\frac{1}{i}$] is underlined.

3 Press Set .

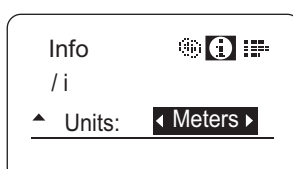
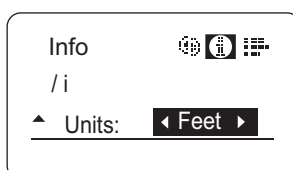
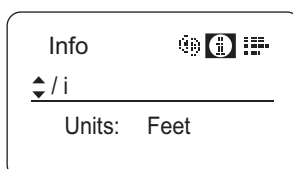
4 Press $\downarrow$.

[Units] is underlined.

The previous or default value is highlighted.

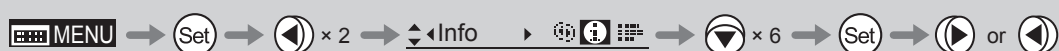
5 Press $\rightarrow$ or $\leftarrow$.

Press left or right to switch the function {Feet} or {Meters}.



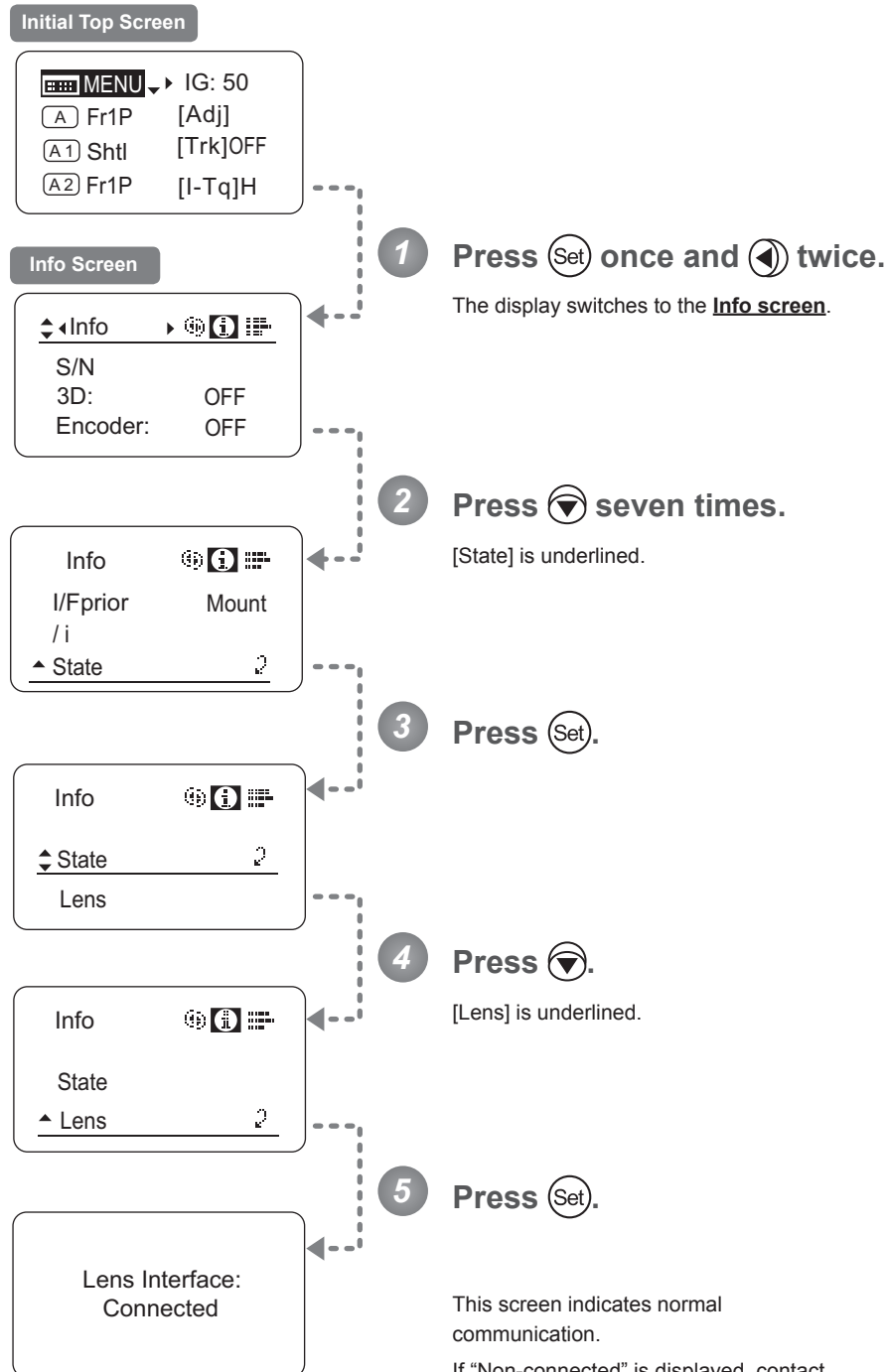
Options	^(D) Feet	Meters
Description	Expressed in feet	Expressed in meters

(D): Default value



Checking Lens–Drive Unit Communication

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



Note: “Non-connected” is displayed when no power is being supplied to the lens from the camera mount.



3.2.8 Fol. Screen Settings

The following setting items can be configured on the **Fol. screen**.

Viewing Lens Follow Settings (Iris, Zoom, Focus)

Viewing Lens Follow Settings (Iris, Zoom, Focus)

Indicates values in the full range of mechanical iris, zoom, and focus operations, expressed as relative values in the range of 0–1000.

Initial Top Screen

MENU

IG: 50

Fr1P [Adj]

Shtl [Trk]OFF

Fr1P [I-Tq]H

Fol. Screen

Fol.

Iris: 1000

Zoom: 0000

Focus: 0000

1

Press

Set

 and then

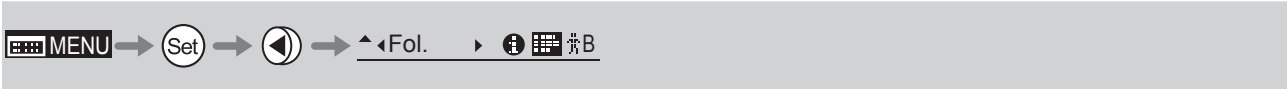
Left Arrow

.

The display switches to the **Fol. screen**, showing relative follow iris, zoom, and focus values.

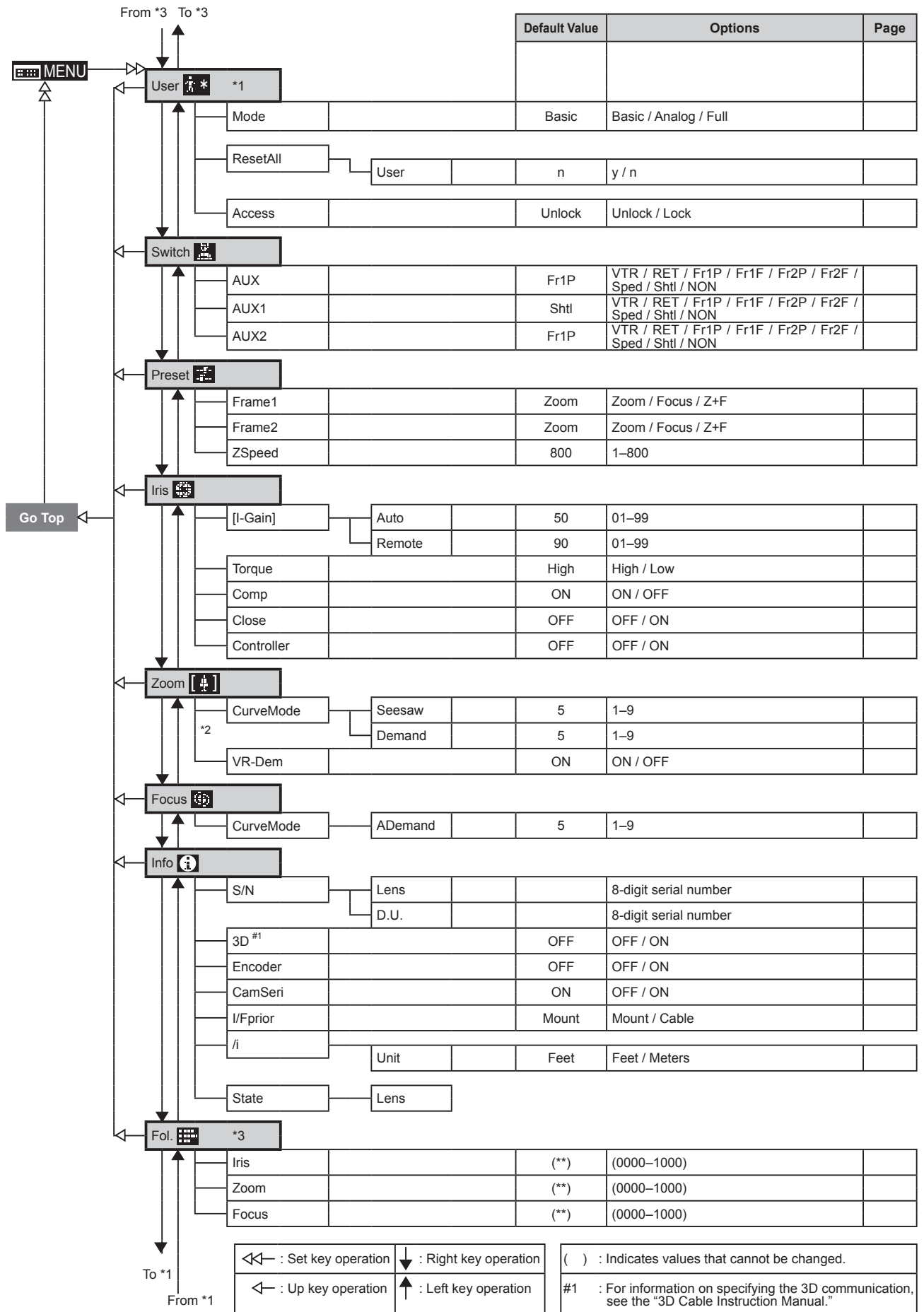
Note:

As long as the **Fol. screen** is shown, the display will not turn off automatically after 2 minutes if left idle. To turn off the display, press the Display switch.



3.3 List of Settings

		Default Value	Options	Page
Top				
	MENU		To *1 on the next page	
	IG	50	01–99	
	[A]	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
	[Adj]	n	y / n	
	[A 1]	Shtl	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
	[Trk]	OFF	OFF / ON	
	[A 2]	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
	[I-Tq]	H	H / L	
	[Z.M.]			
			To *2 on the next page	
Escape Operation	Jump to user 0 setting status	Hold down both the Display switch and Set key for at least 2 seconds.		



Memo

4

Operation in Full Mode

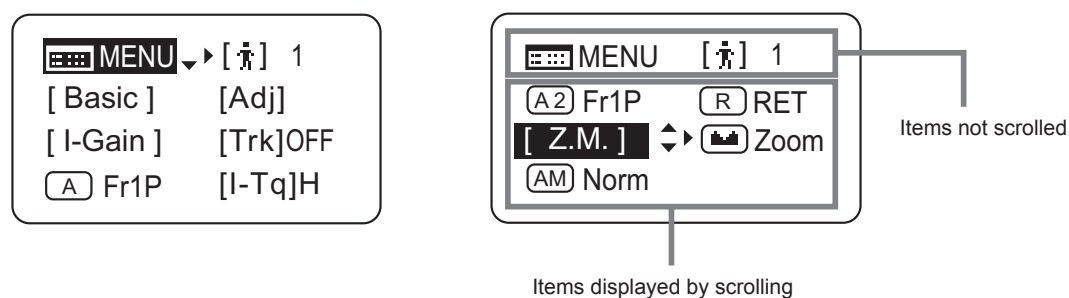
4. Operation in Full Mode

4.1 Configuration from the Top Screen

To access the **Top screen**, press the Display switch.

A total of 15 items can be configured on the **Top screen** in Full mode. The first screen displayed is referred to as the **Initial Top screen**. Status of some items can be checked simply by accessing this screen.

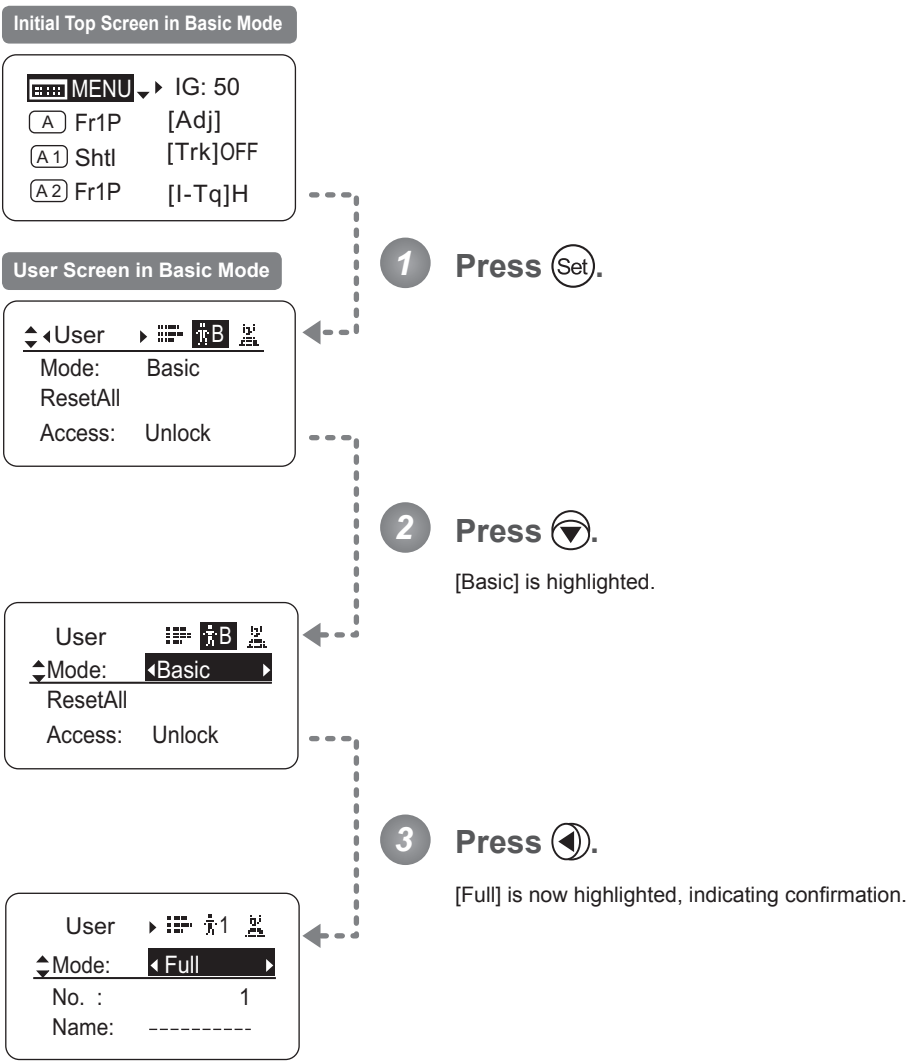
Initial Top Screen in Full Mode



4.1.1 Selecting Full Mode

Basic mode is the default mode, but Full mode can be accessed as follows.

Switching from Basic to Full Mode

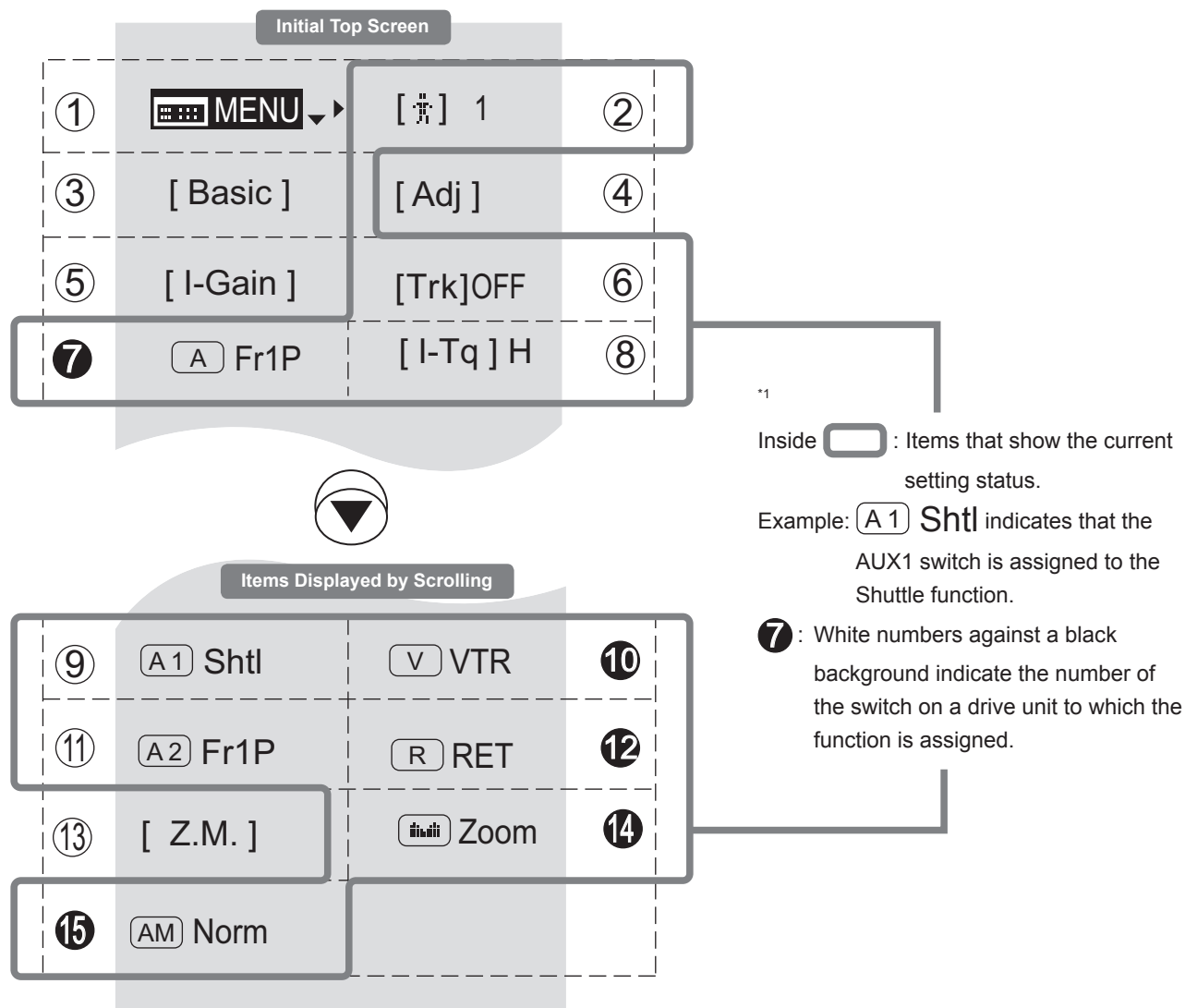


4.1.2 Top Screen

A total of 15 items can be configured on the **Top screen** in Full mode, and 8 items are shown on the **Initial Top screen**. The other 7 can be accessed by pressing down to scroll down the screen.

(See the following figure.)

Status of some items can be checked simply by accessing this screen. (Shown in the figure below.^{*1})



① **Menu screen**

See “4.2 Configuration from the Menu Screen.”

② **User**

Adjust settings for up to ten users (0–9), to distinguish settings by user. Switch users from this screen, either to use or change the settings.

See “4.1.3 Switching Users.”

③ [Basic] **Switching to Basic Mode**

Switch to Basic mode as needed.

See “4.1.4 Switching to Basic Mode.”

④ [Adj] **Mechanical end auto-adjustment**

Perform automatic adjustment of the mechanical end in zoom, focus, and iris operations on the lens and drive unit.

See “4.1.5 Auto-Adjusting the Mechanical End.”

⑤ [I-Gain] **Iris gain**

Adjust the auto iris gain or the remote iris gain value as needed.

See “4.1.6 Specifying Iris Gain.”

⑥ [Trk] **Zoom tracking**

Switch to ON when using zoom tracking.

See “4.1.7 Zoom Tracking ON/OFF.”

⑦ **AUX switch**

By default, the AUX switch for a drive unit is assigned to the “Frame Preset 1” function, but it can be reassigned as needed.

See “4.1.8 Assigning Functions to the AUX Switch.”

⑧ [I-Tq] **Iris torque**

Adjust the level of torque in manual control of the iris ring as needed.

See “4.1.9 Specifying Iris Torque.”

⑨ **AUX1 switch**

By default, the AUX1 switch for a zoom demand is assigned to the {Shuttle} function, but it can be reassigned as needed.

See “4.1.10 Assigning Functions to the AUX1 Switch.”

⑩ **VTR switch**

By default, the VTR switch for a drive unit is assigned to the {VTR} function, but it can be reassigned as needed.

See “4.1.11 Assigning Functions to the VTR Switch.”

⑪ **AUX2 switch**

By default, the AUX2 switch for a zoom demand is assigned to the {Frame Preset 1} function, but it can be reassigned as needed.

See “4.1.12 Assigning Functions to the AUX2 Switch.”

⑫ **RET switch**

By default, the RET switch for a drive unit is assigned to the {Return} function, but it can be reassigned as needed.

See “4.1.13 Assigning Functions to the RET Switch.”

⑬ [Z.M.] **Zoom curve mode**

Adjust zoom speed in response to pressing the zoom seesaw switch or tilting the analog demand thumb ring.

See “4.1.14 Specifying Zoom Curve Mode.”

⑭ **Seesaw**

Enable iris control using the zoom seesaw switch.

See “4.1.15 Assigning Functions to the Seesaw.”

⑮ **Iris A/M switch**

Adjust movement of the iris A/M switch on the drive unit.

See “4.1.16 Specifying Iris A/M Switch.”

4.1.3 Switching Users

[1]

Settings for users 0–9 can be configured in Full mode.

User 1–9

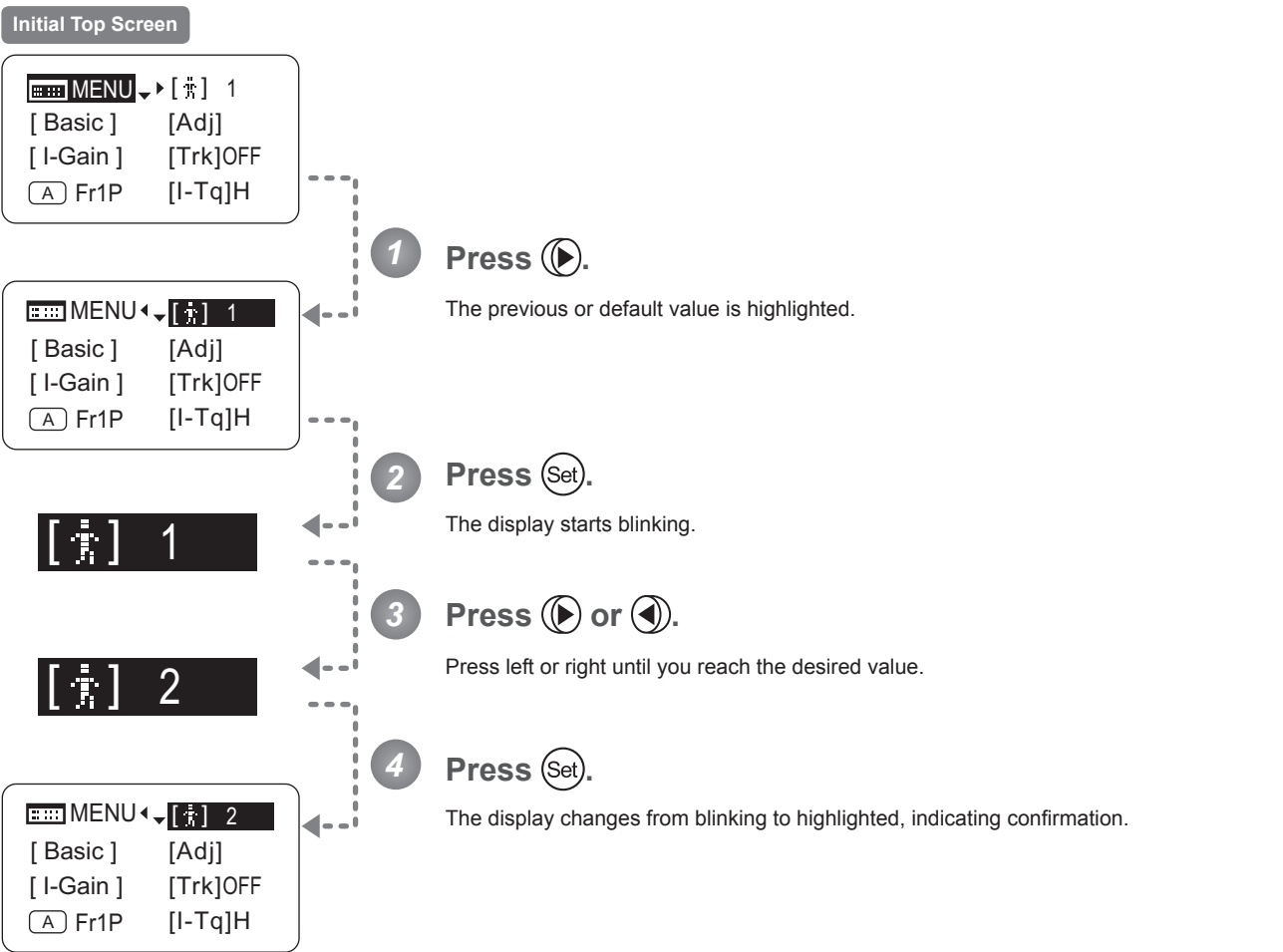
Configure advanced settings for each user needed. Settings for the users can then be saved.

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. For details, see “4.1.17 Escape Operation.” Selecting user 0 restores the default settings, except for the auto and remote iris gain values and encoder output setting.

Switch to the desired user (0–9) from the **Top screen**.
Configure advanced settings for these users from the **Menu screen**. See “4.2 Configuration from the Menu Screen.”

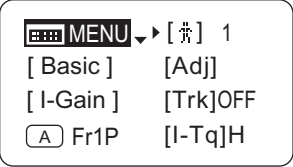


4.1.4 Switching to Basic Mode [Basic]

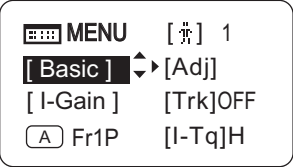
Switch to Basic mode from the **Top screen** as needed.

Switching from Full to Basic Mode

Initial Top Screen in Full Mode

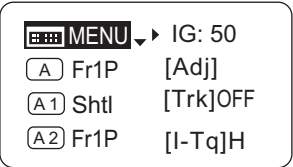


1 Press . [Basic] is highlighted.



2 Press . The mode switches, and the **Initial Top screen** in Basic mode is displayed.

Initial Top Screen in Basic Mode



4.1.5 Auto-Adjusting the Mechanical End

[Adj]

Perform automatic adjustment of the mechanical end in zoom, focus, and iris operations on the lens and drive unit.

Note

If “Auto-Adjustment: Error/Lens Interface: Non-Connected” is displayed after adjustment, contact Canon or your dealer.

Initial Top Screen

MENU ▾ [1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Screen A

MENU [1
[Basic] ◀ [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Lens
AutoAdjust
OK? y/n ?

Auto-Adjustment:
Succeeded
Lens Interface:
Connected

1 Press and then .

Your selection is now highlighted.

2 Press .

The display switches to the Auto-Adjustment screen.

3 Press and then .

Adjustment now begins.

During adjustment, the screen blinks.

After this, adjustment is finished.

Press after adjustment to return to Screen A.

MENU → → → [Adj] → → or →

4.1.6 Specifying Iris Gain

[I-Gain]

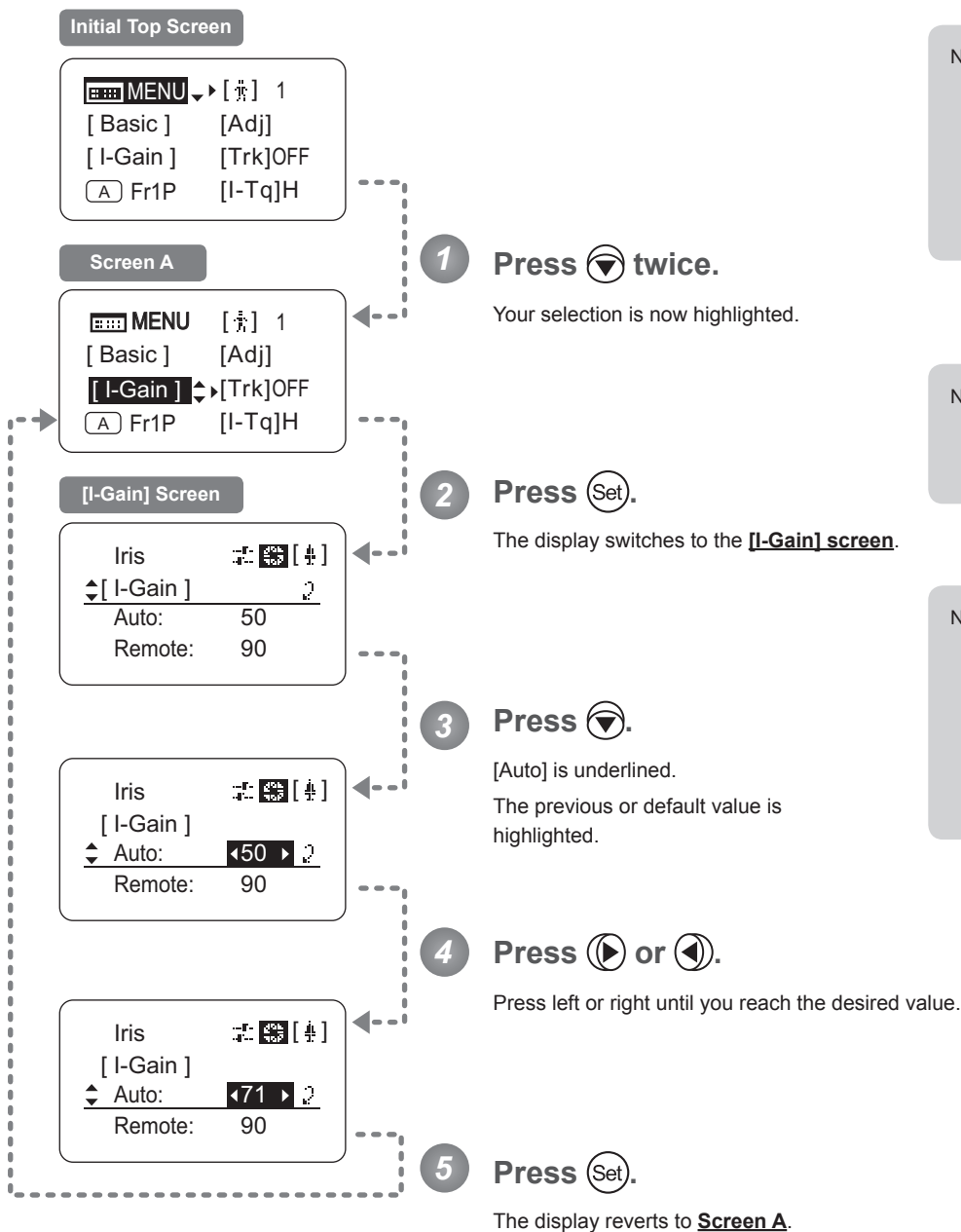
Specifying Auto Iris Gain

Although this value is factory-set, it can be adjusted as needed.

To adjust the value, use either the auto iris gain adjustment trimmer (refer to the Lens Manual) or display operations.

Regardless of the method of adjustment used, the most recent setting takes precedence.

The same auto iris gain value applies to all users, regardless of the current user. Thus, there is no need to switch users in advance. Unlike most other setting adjustments, any changes to this setting also apply to user 0.



Note: Do the following when adjusting gain while checking iris operation.

- Confirm that the drive unit A/M switch is set to [Auto] mode.
- Set the camera iris mode to [Auto].

Note: As you look at the lens iris ring, set it to the position of maximum gain at which "focus hunting" does not occur.

Note: The current iris gain value is retained even if you reset other settings as described in "4.2.1 Resetting Values." For this reason, you will no longer be able to view the default setting. If necessary, make a note of the default setting before adjusting this value.

Options	01	to	99
Description	Minimum gain		Maximum gain

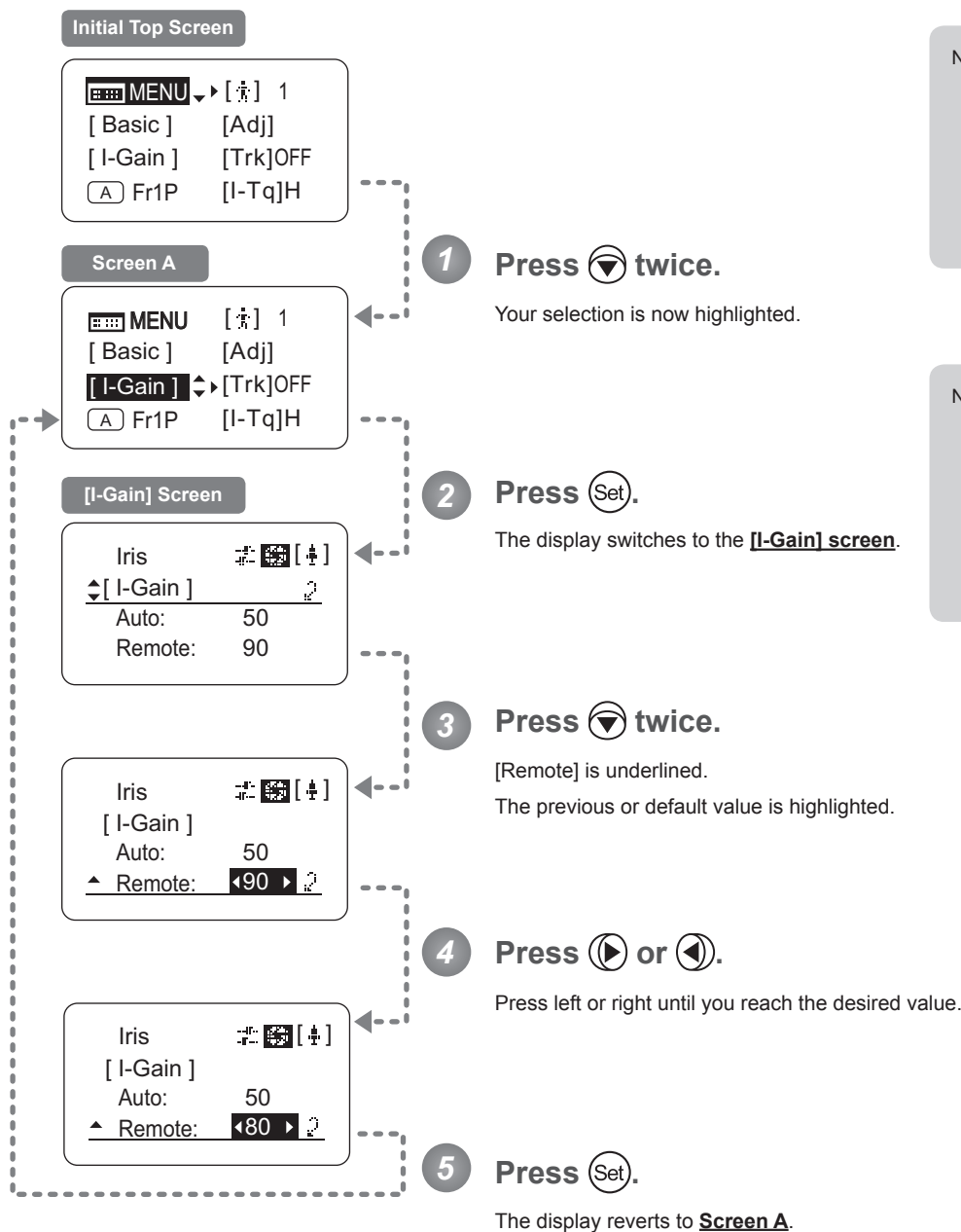
Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.



Specifying Remote Iris Gain

Although this value is factory-set, it can be adjusted as needed.

The same remote iris gain value applies to all users, regardless of the current user. Thus, there is no need to switch users in advance. Unlike most other setting adjustments, any changes to this setting also apply to user 0.



Note: Do the following when adjusting gain while checking iris operation.

- Confirm that the drive unit A/M switch is set to [Auto] mode.
- Set the camera iris mode to [Remote].

Note: The current iris gain value is retained even if you reset other settings as described in "4.2.1 Resetting Values." For this reason, you will no longer be able to view the default setting. If necessary, make a note of the default setting before adjusting this value.

Options	01	to	99
Description	Minimum gain		Maximum gain

Default value: 90



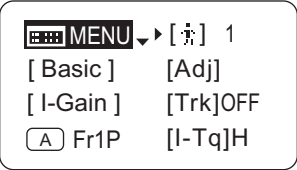
4.1.7 Zoom Tracking ON/OFF [Trk]

Activate or deactivate zoom tracking as needed.

Important

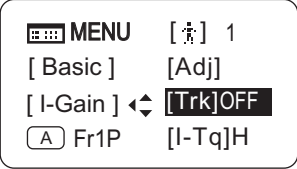
First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



1 Press twice and once.

The previous or default value is highlighted.



2 Press .

The display starts blinking.

[Trk]OFF

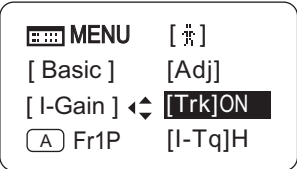
3 Press or .

Press left or right to switch the function {ON} or {OFF}.

[Trk]ON

4 Press .

The display changes from blinking to highlighted, indicating confirmation.



Options	^(D) OFF	ON
---------	--------------------	----

(D): Default value



4.1.8 Assigning Functions to the AUX Switch

A

Assign your desired functions to the AUX switch.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU [1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

1 Press three times.

The previous or default function is highlighted.

MENU [1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

2 Press .

The display starts blinking.

[A] Fr1P

3 Press or .

Press left or right until you reach the desired function.

[A] VTR

4 Press .

The display changes from blinking to highlighted, indicating confirmation.

MENU [1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] VTR [I-Tq]H

Options	^(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value

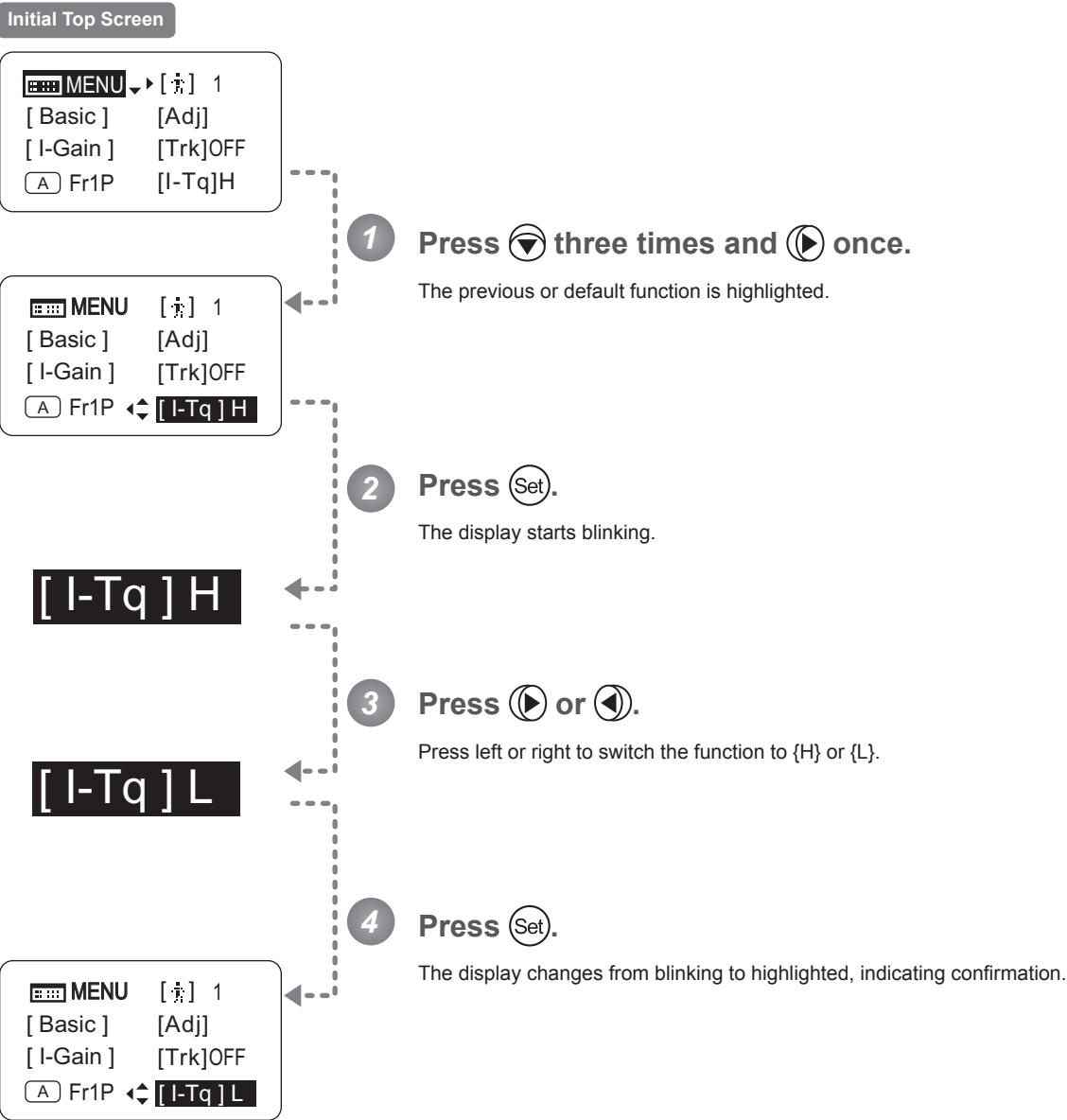
MENU →  × 3 → [A] Fr1P →  →  or  → 

4.1.9 Specifying Iris Torque [I-Tq]

Specify the desired level of torque in manual control of the iris ring.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



4.1.10 Assigning Functions to the AUX1 Switch

A1

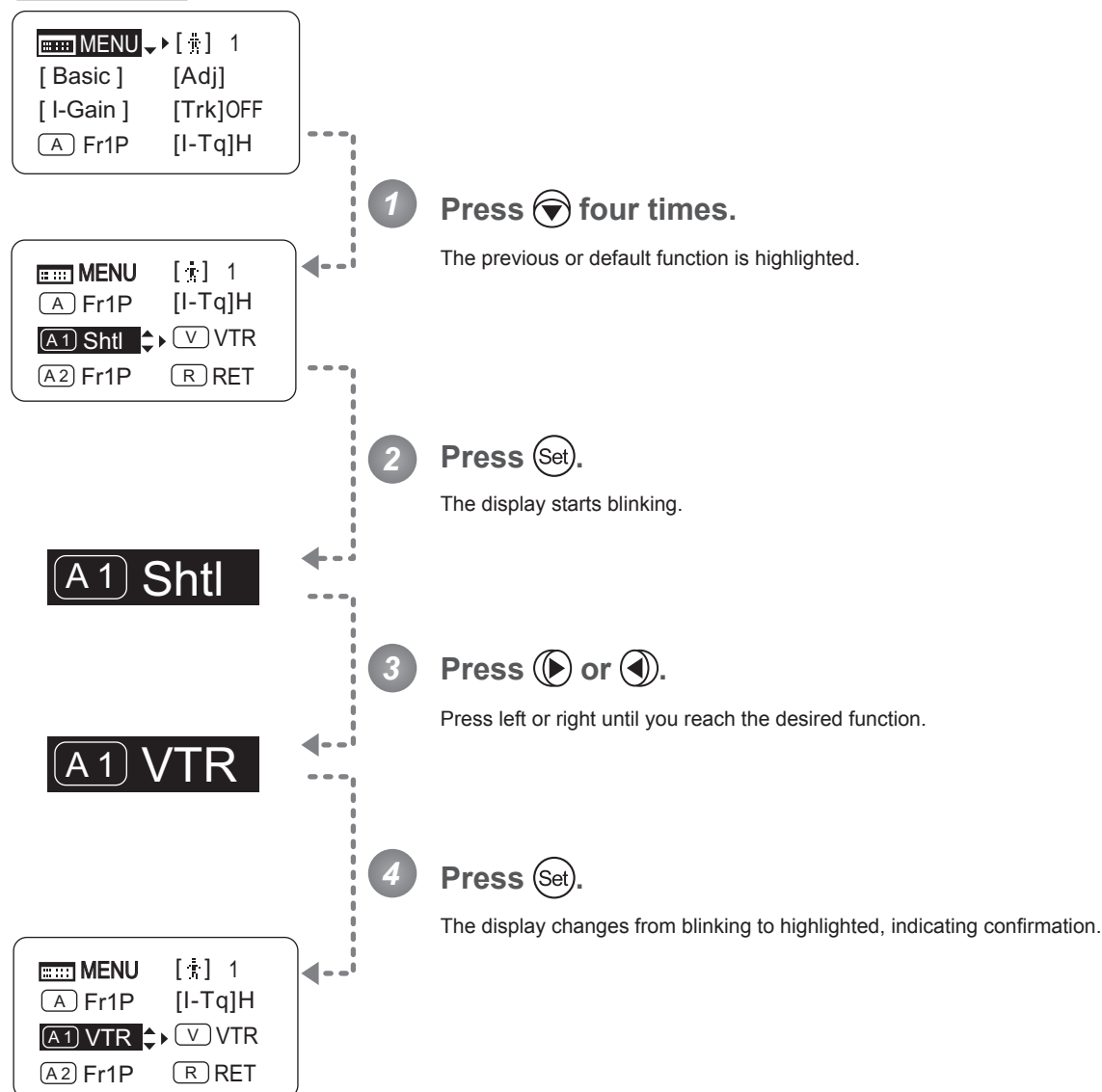
Assign your desired functions to the AUX1 switch.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	^(D) Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value



4.1.11 Assigning Functions to the VTR Switch



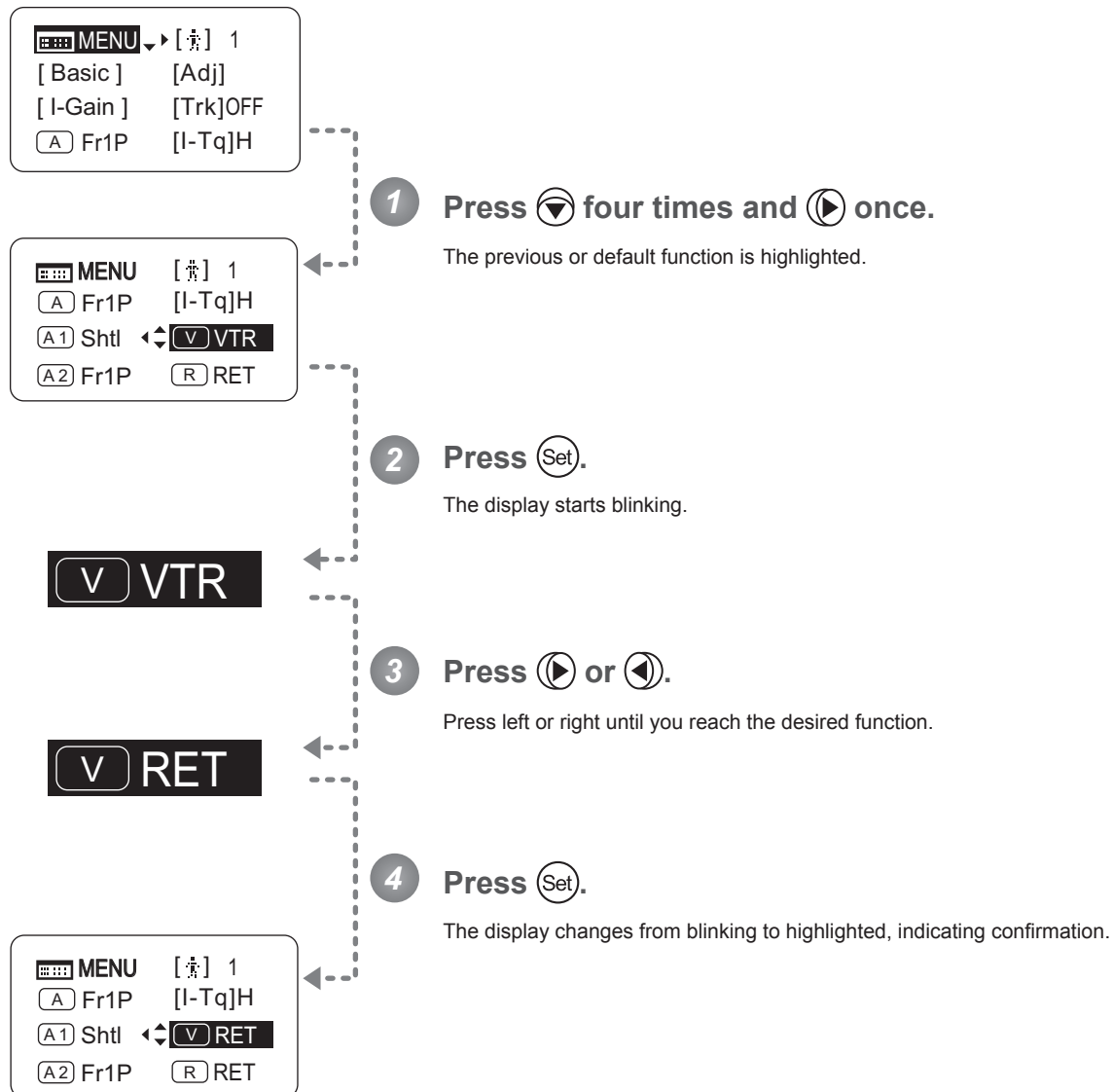
Assign your desired functions to the VTR switch.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



Options	^(D) VTR	RET	Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl
Description	VTR switch	RET switch	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch

(D): Default value



4.1.12 Assigning Functions to the AUX2 Switch

A2

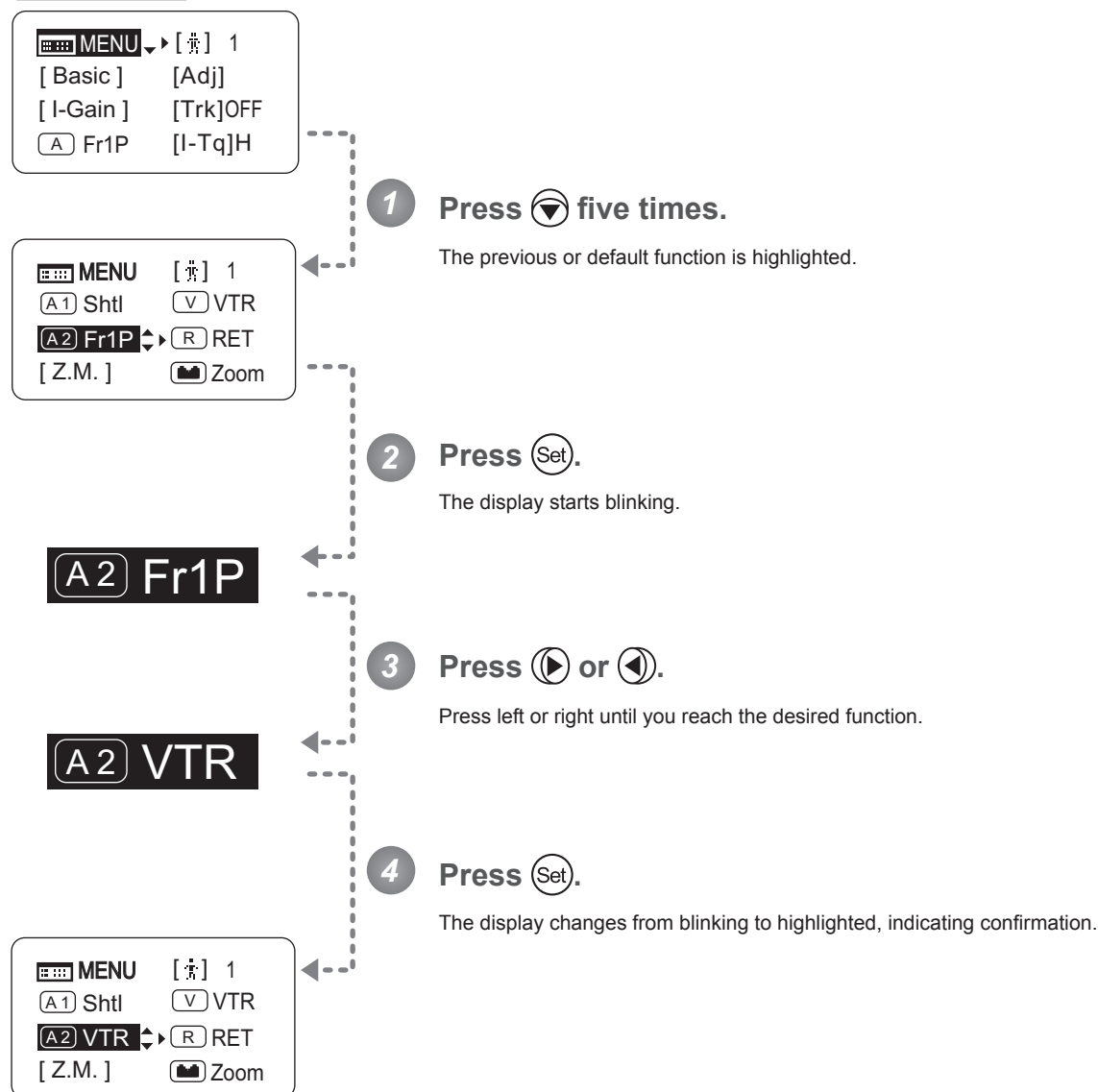
Assign your desired functions to the AUX2 switch.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



Options	^(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value



4.1.13 Assigning Functions to the RET Switch

R

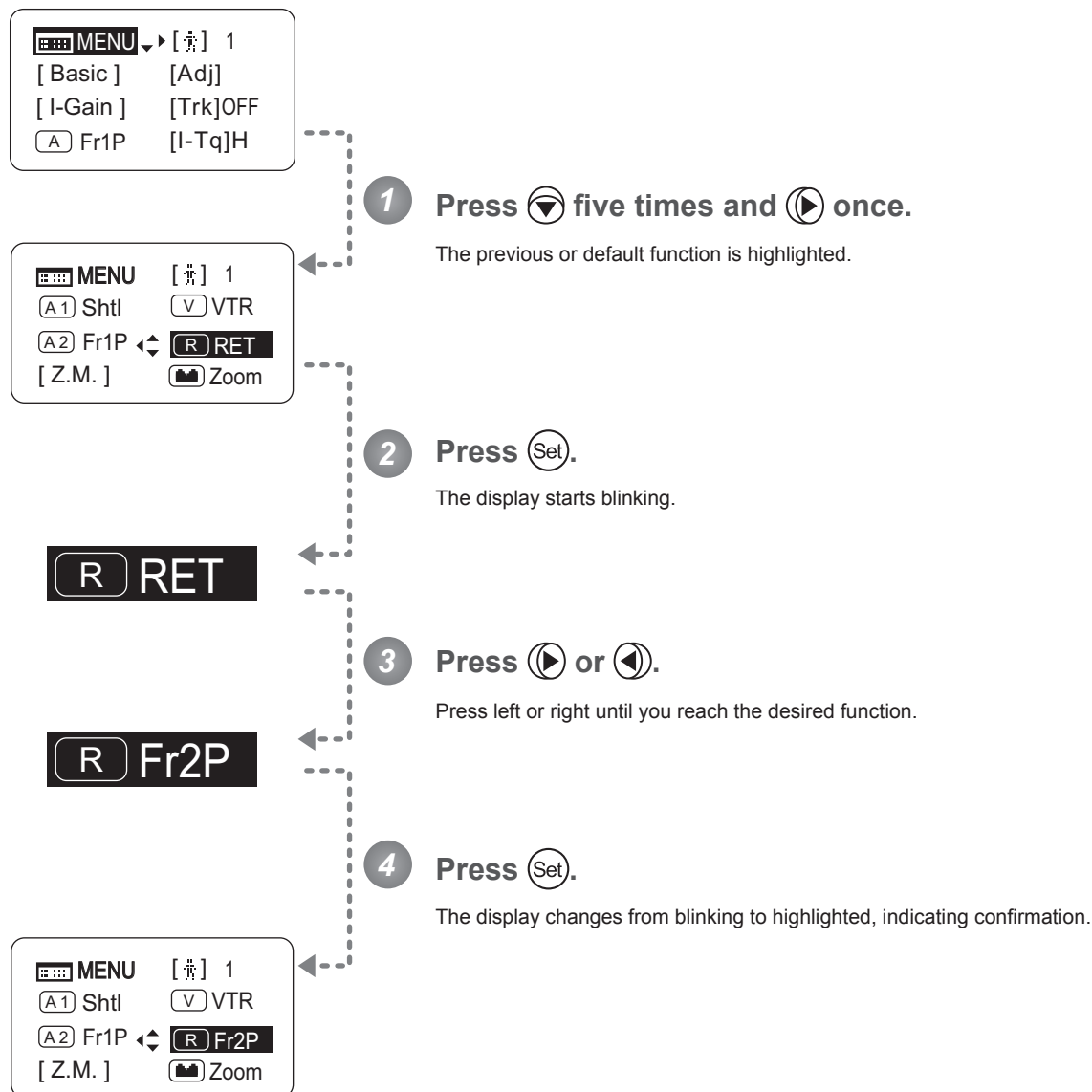
Assign your desired functions to the RET switch.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



Options	VTR	^(D) RET	Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl
Description	VTR switch	RET switch	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch

(D): Default value



4.1.14 Specifying Zoom Curve Mode

[Z.M.]

Specifying Seesaw Switch Responsiveness

Configure the responsiveness of zoom speed adjustment in response to pressing the zoom seesaw switch.

(Note: Another screen is displayed when this setting is configured.)

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU [Z.M.] 1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Screen A

MENU [Z.M.] 1
[A2] Fr1P [R] RET
[Z.M.] Zoom
[AM] Norm

CurveMode Screen

Zoom [Z.M.]
CurveMode 2
Seesaw: 5
Demand: 5

Zoom [Z.M.]
CurveMode
Seesaw: D5 2
Demand: 5

Zoom [Z.M.]
CurveMode
Seesaw: 3 2
Demand: 5

1 Press seven times.

Your selection is now highlighted.

2 Press .

The display switches to the **CurveMode screen**.

3 Press .

[Seesaw] is underlined.

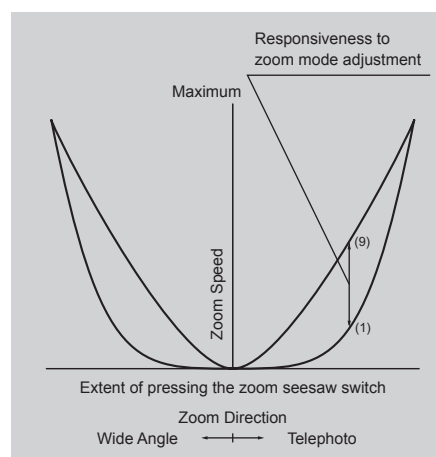
The previous or default value is highlighted.

4 Press or .

Press left or right until you reach the desired value.

5 Press .

The display reverts to **Screen A**.



Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

(D): Default value

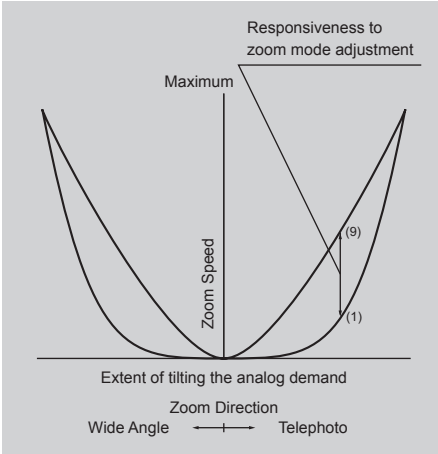
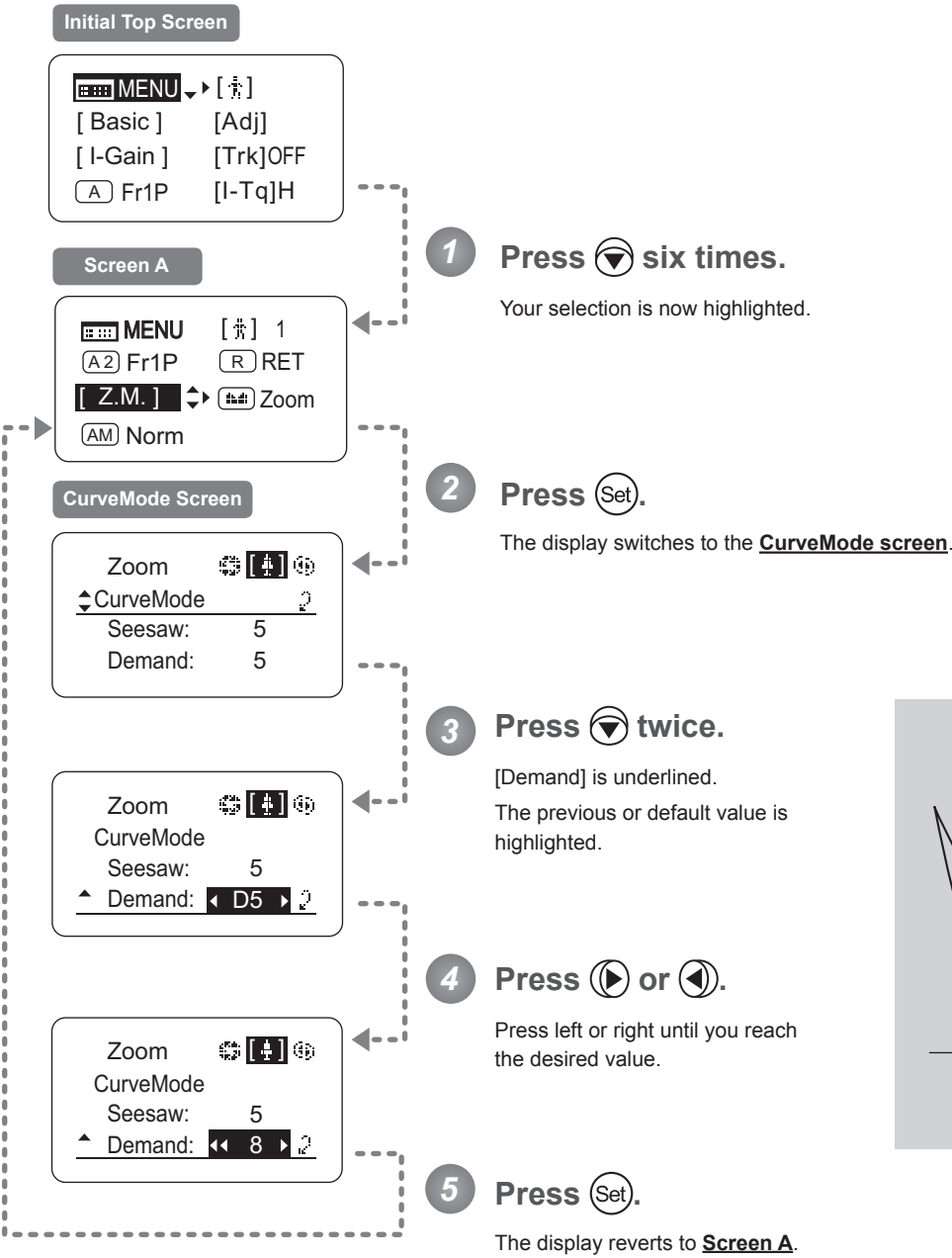
MENU →  × 7 → [Z.M.] →  →  →  or  → 

Specifying Analog Demand Responsiveness

Configure the responsiveness of zoom speed adjustment in response to pressing the analog demand thumb ring.
(Note: Another screen is displayed when this setting is configured.)

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

(D): Default value



4.1.15 Assigning Functions to the Seesaw

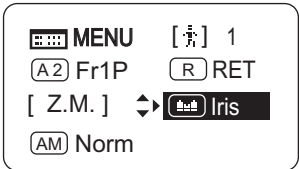
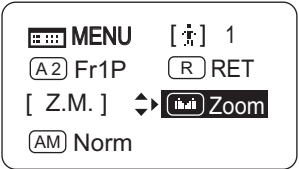
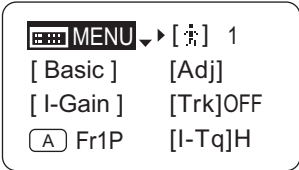


The zoom seesaw switch can be programmed to control either the {Zoom} or {Iris}.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



1 Press six times and once.

The previous or default function is highlighted.

2 Press .

The display starts blinking.

3 Press or .

Press left or right to switch the function to {Zoom} or {Iris}.

4 Press .

The display changes from blinking to highlighted, indicating confirmation.

Note: Note on Iris Assignment

- 1. The seesaw switch will no longer control zooming.
- 2. To control the iris with the rocker switch, you must set the iris mode to manual.
- 3. Press the Telephoto side to open the iris, or press the Wide end side to close it.
- 4. Zoom speed control adjustments also apply to iris control, and you can specify the maximum iris speed. (See “4.2.5 Zoom Screen Settings: Specifying Maximum Zoom Speed Control.”)

Options	^(D) Zoom	Iris
Description	Zoom operation	Iris operation

(D): Default value



4.1.16 Specifying Iris A/M Switch

AM

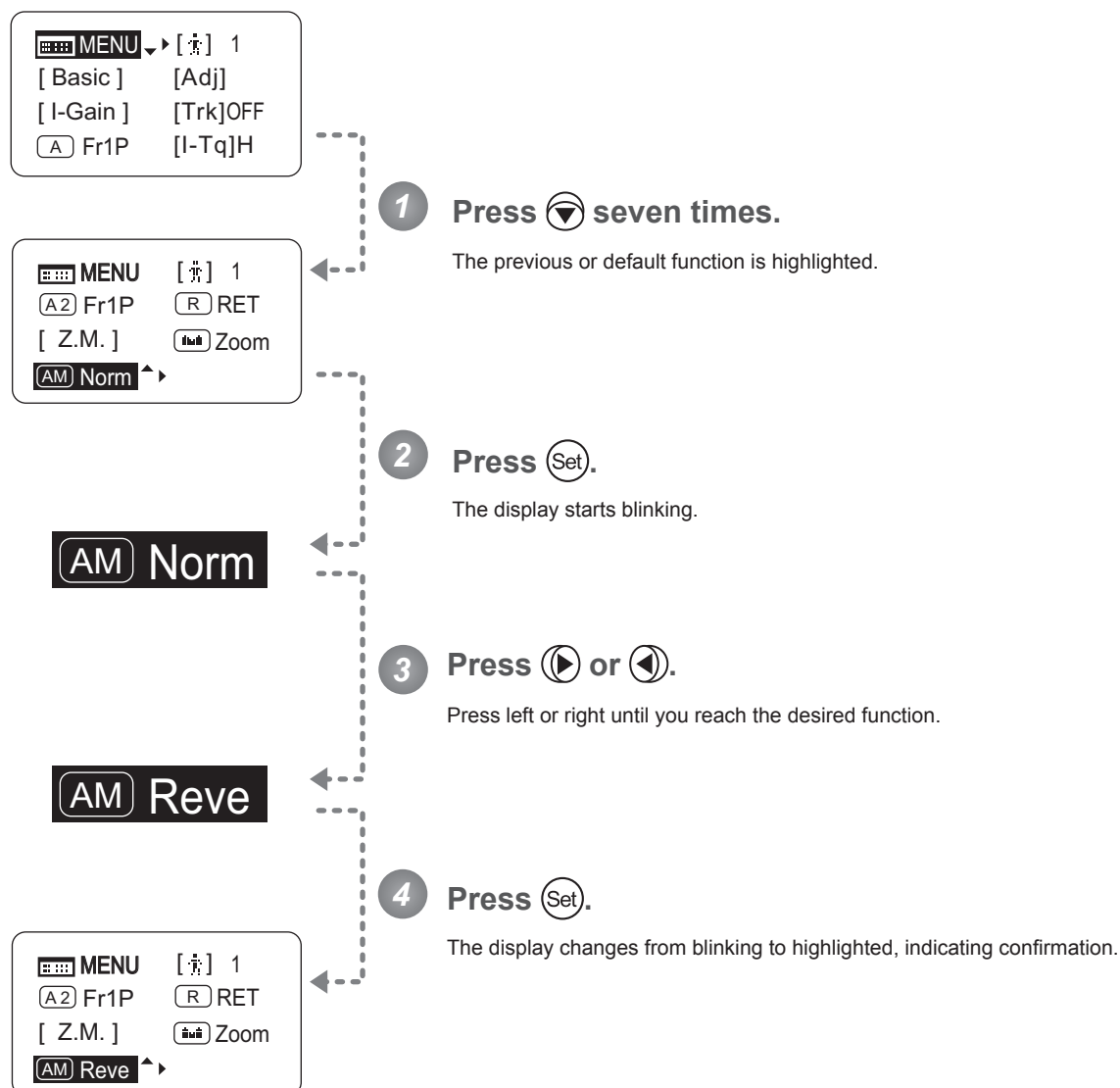
The iris A/M switch on the top of the drive unit can be programmed to activate a function of your choice.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



Options	^(D) Norm	Reve	Auto	Manu
Description	Normal operation A : Auto / M : Manual	Reverse operation A : Manual / M : Auto	Auto only A : Auto / M : Auto	Manual only A : Manual / M : Manual

(D): Default value



4.1.17 Escape Operation

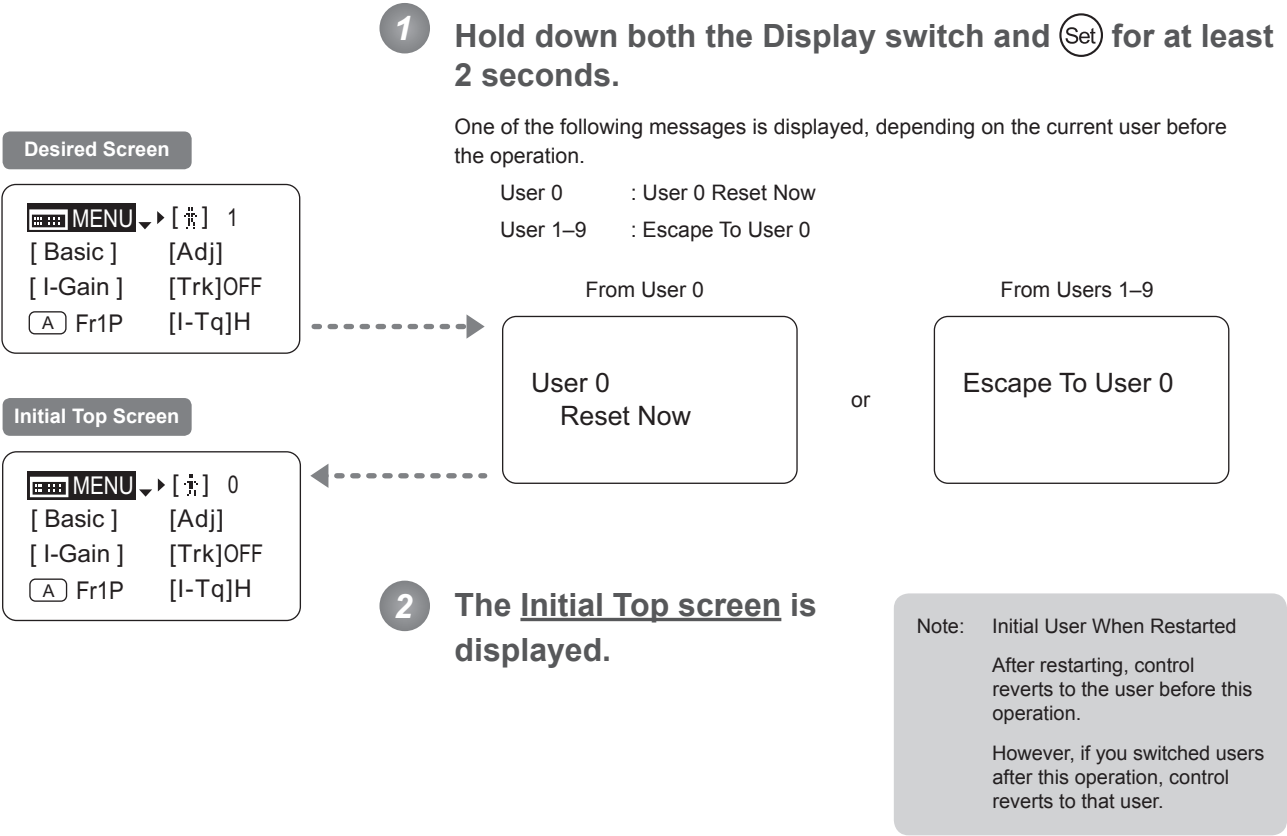
Instantly jump to user 0, with default settings, from the current user (0–9).

Note

Not available when settings are locked.

Note

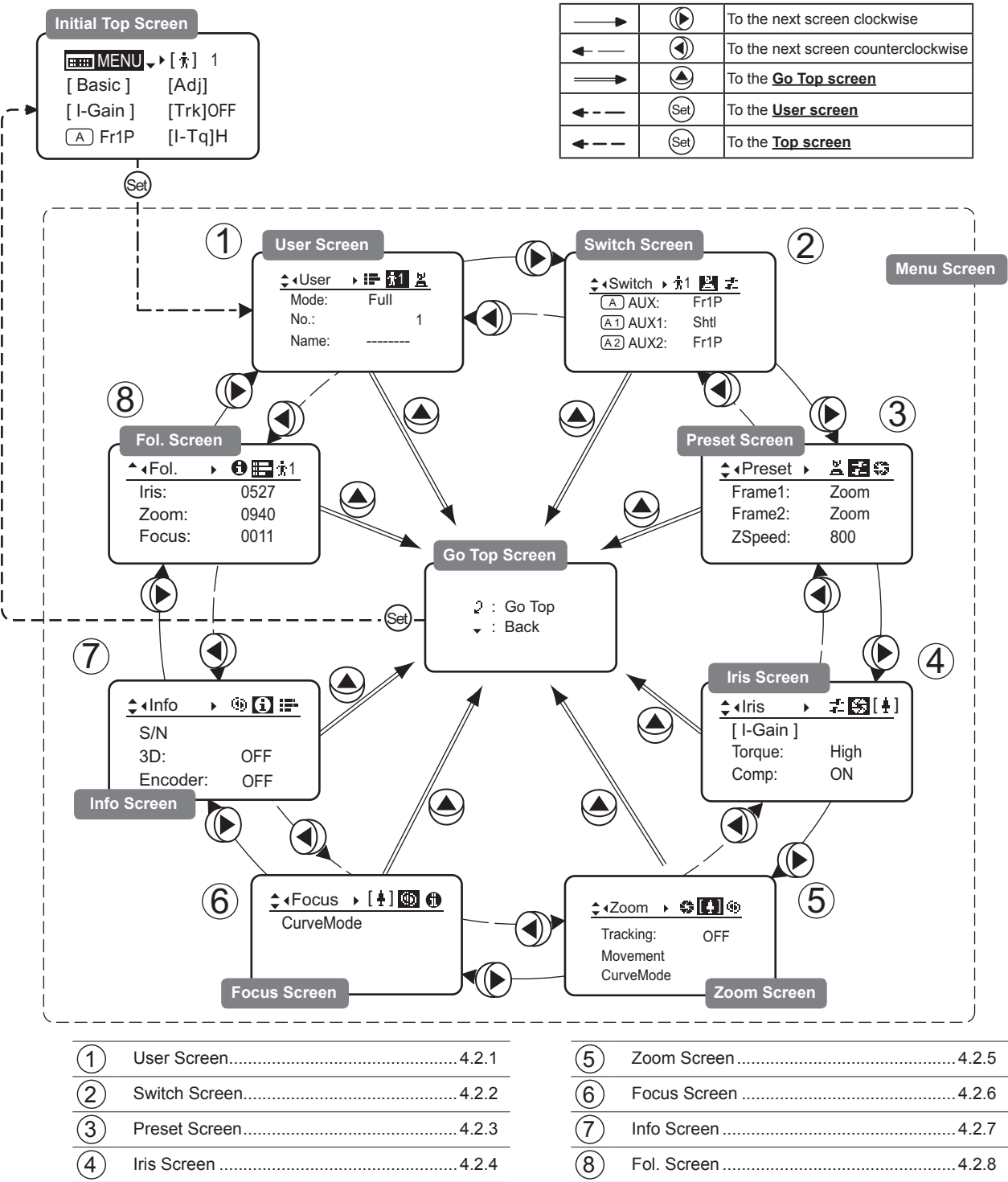
The following settings remain the same even after jumping to user 0.
Auto and remote iris gain values, encoder output setting, and camera follow voltage adjustments



4.2 Configuration from the Menu Screen

In Full mode, you can view and configure 38 setting items and a “follow” screen with three setting items that have relative values from the **Menu screen**.
Specifically, the **Menu screen** in Full mode is organized into 8 screens by function: **User screen**, **Switch screen**, **Preset screen**, **Iris screen**, **Zoom screen**, **Focus screen**, **Info screen**, and **Fol. screen**.
Select [MENU] on the **Top screen** and press the Set key to access the **User screen** initially. Press left or right to access the 7 other screens. (See the following figure.)

*: There is no single **Menu screen**. Instead, these 8 screens are collectively referred to as the **Menu screen**.
Setting items labeled **Top** next to the function title can also be configured from the **Top screen**.





4.2.1 User Screen Settings

For details on users available in Full mode, see “4.1.3 Switching Users.”

The following setting items can be configured on the User screen.

Switching Modes

Switching Users **Top**

Naming Users

Resetting Values

- (1) Resetting One User’s Settings
- (2) Resetting All Users’ Settings

Copying Settings Between Individual Users

Copying Settings Between Lenses

- (1) Copying One User’s Settings to Another Lens
- (2) Copying All Users’ Settings to Another Lens
- (3) Responding to Errors

Locking Functions

Items labeled **Top** can also be modified from the Top screen.

User Screen in Full Mode

◀User ▶	1
Mode:	Full
No.:	1
Name:	-----

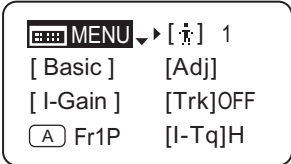
Switching Modes

Switch to Basic or Analog mode as needed.

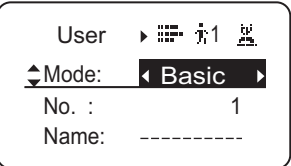
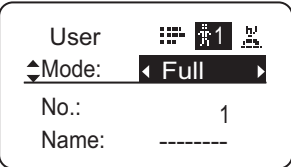
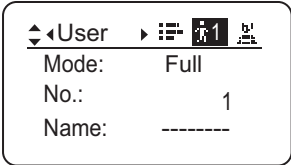
Important

The new mode setting is retained even after the lens is turned off.

Initial Top Screen



User Screen



1 Press . The display switches to the User screen.

2 Press . [Mode] is underlined. The previous mode is highlighted.

3 Press or . Press left or right until you reach the desired mode.

Options	^(D) Basic	Full	Analog
Save Settings	Basic Mode	Full Mode	Analog Mode

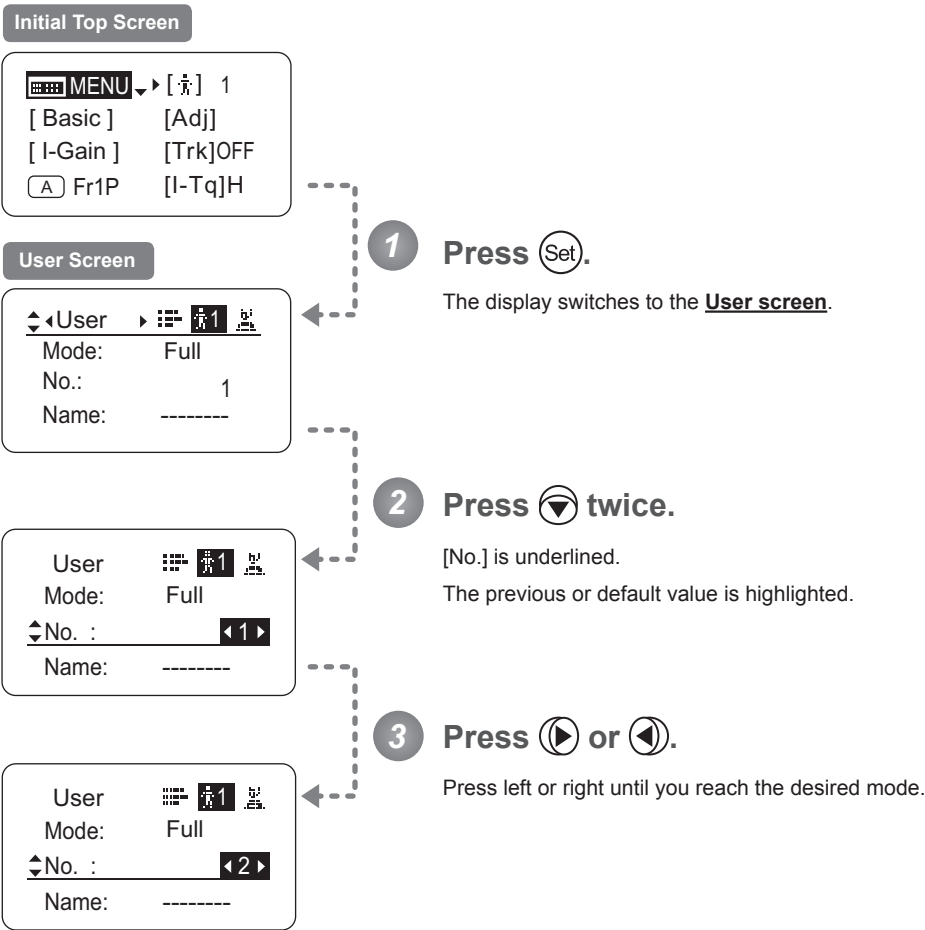
(D): Default value



Switching Users

Top

Switch Users (0–9) as needed. To configure settings for individual users, switch to that user number.



Naming Users

Users can be named, as needed.

Initial Top Screen

MENU

[Basic] [Adj]

[I-Gain] [Trk]OFF

[A] Fr1P [I-Tq]H

User Screen

User

Mode: Full

No.: 1

Name:

Title: Name

User

No. : 1

Name:

ResetAll

User

Name

Name:

User

Name

Name: A

Title: Name

User

No. : 1

Name: A

ResetAll

1 Press Set.

The display switches to the User screen.

2 Press three times.

[Name] is underlined.

3 Press Set.

The first dash is highlighted, indicating that you can edit it.

4 Press or .

Press left or right until you reach the desired value.

5 Press the Set to confirm the name.

The display reverts to Title: Name.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Options	^(D) -ABCDEFGHIJKLMN O PQRSTU VWXYZabcdefghijklmnopqrstuvwxyz0123456789
Max. Digits	8

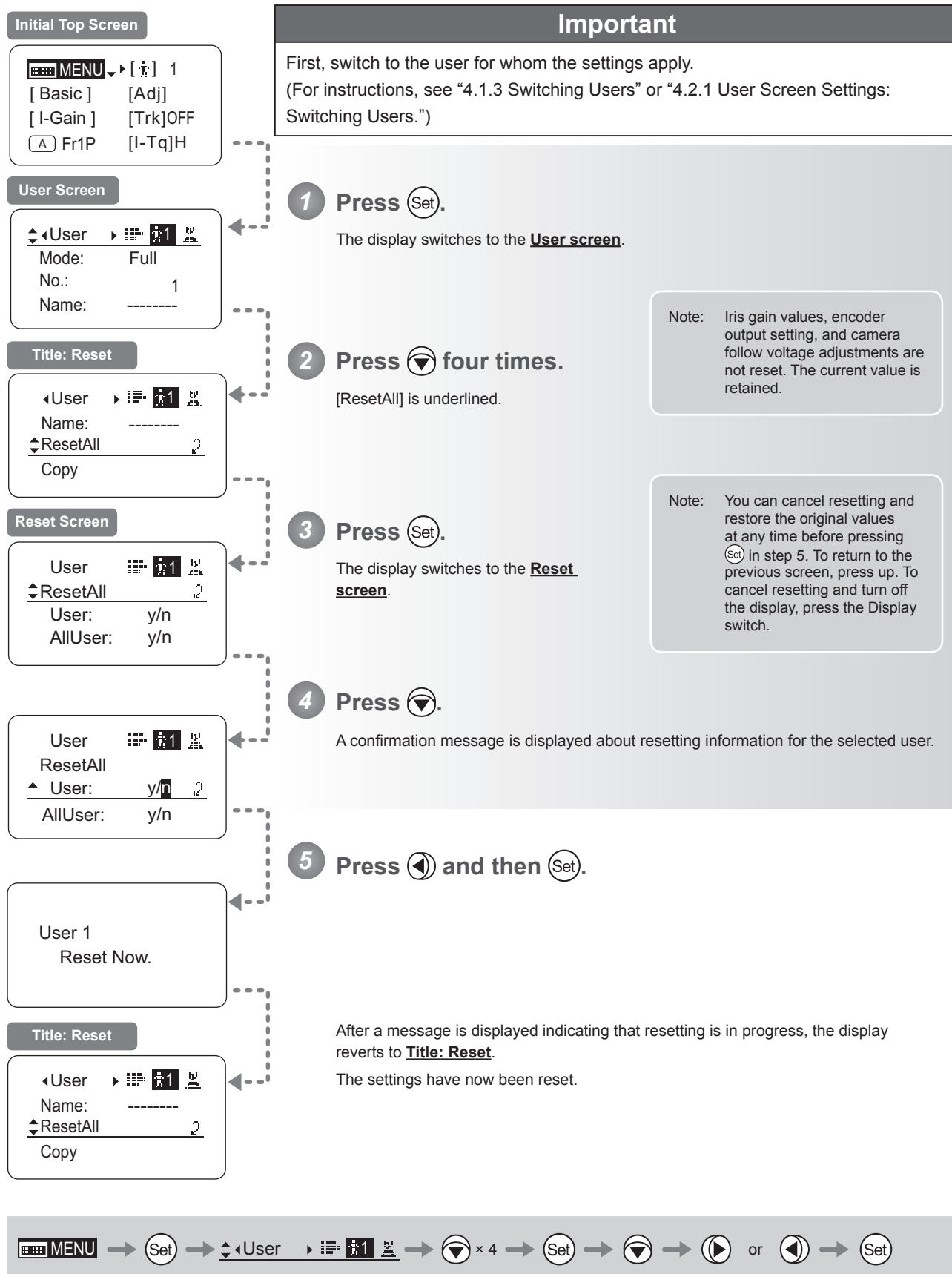
(D) : Default value
_ : Space



Resetting 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.

Initial Top Screen

MENU ▾ [1]
 [Basic] [Adj]
 [I-Gain] [Trk] OFF
 [A] Fr1P [I-Tq] H

User Screen

◀ User ▶ [1]
 Mode: Full
 No.: 1
 Name: -----

Title: Reset

User [1]
 Name: -----
 ◀ ResetAll ▶
 Copy

Reset Screen

User [1]
 ◀ ResetAll ▶
 User: y/n
 AllUser: y/n

User [1]
 ResetAll
 User: y/n
 ▲ AllUser: y/n ▶

All User
 Reset Now.

◀ User ▶ [1]
 Mode: Basic
 ResetAll 1
 Access: Unlock

1 Press .

The display switches to the User screen.

2 Press four times.

[ResetAll] is underlined.

3 Press .

The display switches to the Reset screen.

4 Press twice.

A confirmation message is displayed about resetting information for the all users.

5 Press and then .

Resetting is finished once the message during resetting is no longer displayed.

Note: There is no need to switch users.

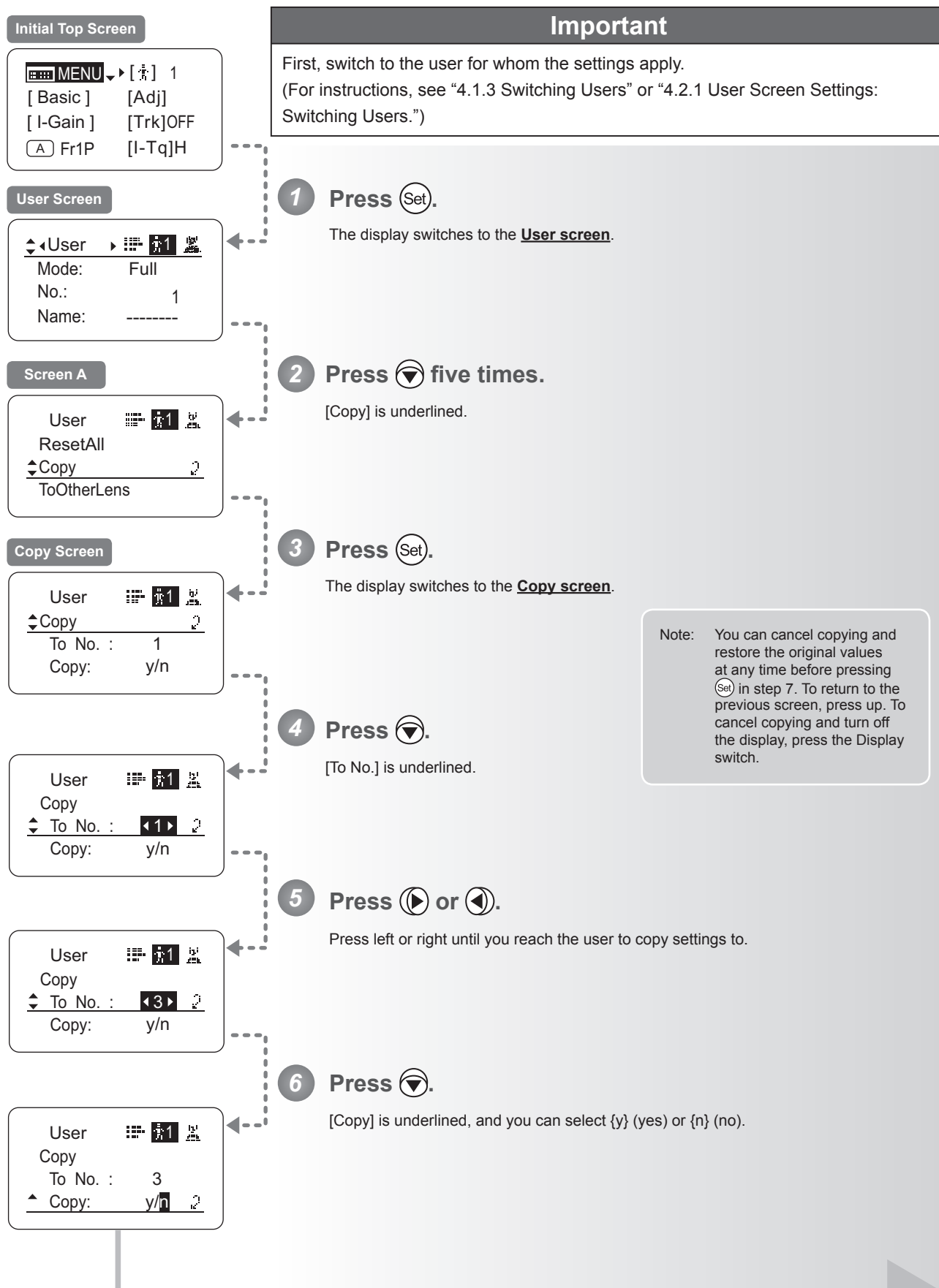
Note: Iris gain values, encoder output setting, and camera follow voltage adjustments are not reset. The current value is retained.

Note: You can cancel resetting and restore the original values at any time before pressing  in step 5. To return to the previous screen, press up. To cancel resetting and turn off the display, press the Display switch.

MENU →  → ◀ User ▶ [1] →  × 4 →  →  × 2 →  or  → 

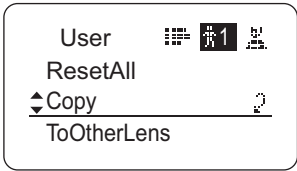
Copying Settings Between Individual Users

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



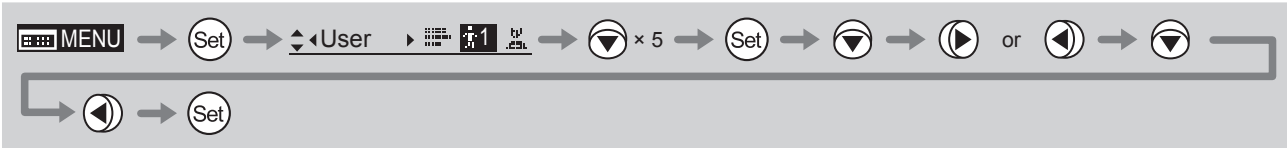
Continued from previous page

Screen A



7 Press and then .

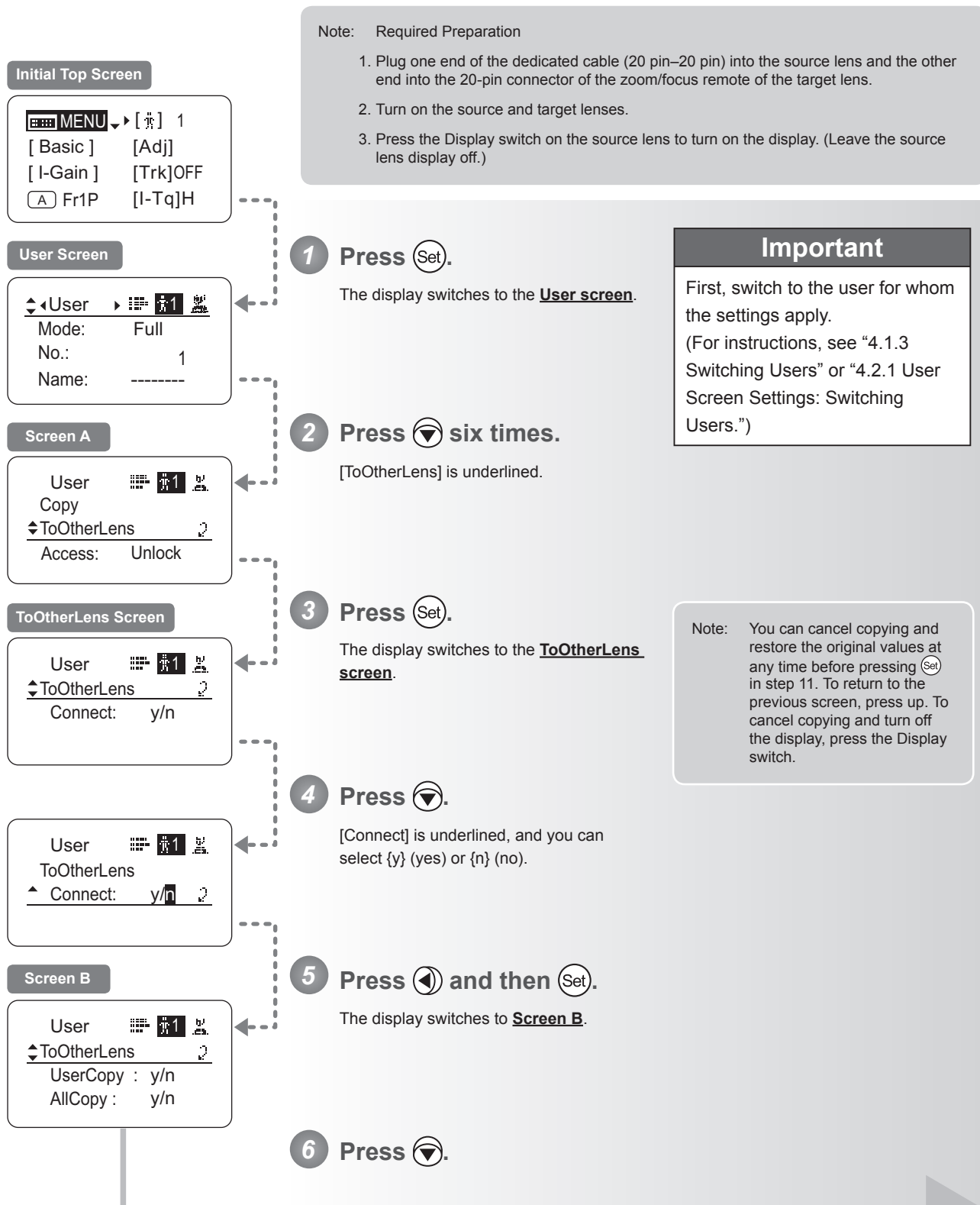
Settings are copied to the specified user number, and the display reverts to **Screen A**.



Copying Settings Between Lenses

Setting information can be copied between information displays of drive units mounted on the display. You can copy either settings for individual users or for all users. Copying requires a dedicated cable, sold separately. For details, contact Canon or your dealer.

(1) Copying One User's Settings to Another Lens



Continued from previous page

Copy Selection Screen

User	
ToOtherLens	
↕ UserCopy :	y/n
AllCopy :	y/n

The display switches to the Copy selection screen.**Target User Selection Screen**

User	
↕ ToOtherLens	
To No. :	1
Copy:	y/n

7 Press The display switches to the Target user selection screen.**8 Press**

[To No.] is underlined.

User	
ToOtherLens	
↕ To No. :	<u>1</u>
Copy:	y/n

9 Press or

Press left or right until you reach the number of the user on the target lens to copy settings to.

User	
ToOtherLens	
↕ To No. :	<u>3</u>
Copy:	y/n

10 Press

[Copy] is underlined, and you can select {y} (yes) or {n} (no).

User	
ToOtherLens	
To No. :	3
▲ Copy:	<u>y/n</u>

11 Press and then ^{*1}

Now Data Copy Please Wait...	
---------------------------------	--

Screen A

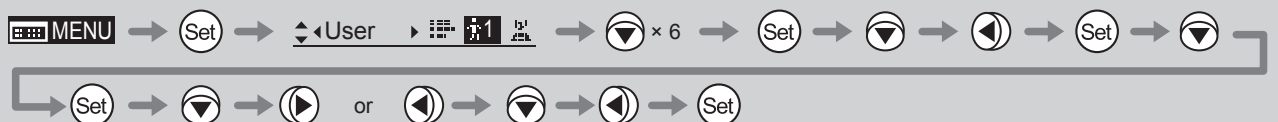
User	
Copy	
↕ ToOtherLens	
Access:	Unlock

After a message is displayed indicating that copying is in progress, the display reverts to Screen A.The settings have now been copied between lenses. ^{*2}

*1: Pressing the Set key in this step begins the copying process. Note that once copying begins, you cannot restore the original settings.

*2: To avoid problems during copying, do not operate controls or press the Display switch on the source or target lenses. Do not perform other operations.

Note: If copying fails, an error message is displayed. Respond as described in "(3) Responding to Errors."



(2) Copying All Users' Settings to Another Lens

Copying requires a dedicated cable, sold separately. For details, contact Canon or your dealer.

Note: Required Preparation

1. Plug one end of the dedicated cable (20 pin–20 pin) into the source lens and the other end into the 20-pin connector of the zoom/focus remote of the target lens.
2. Turn on the source and target lenses.
3. Press the Display switch on the source lens to turn on the display. (Leave the source lens display off.)

Initial Top Screen

MENU ▾ ▶ [1]
 [Basic] [Adj]
 [I-Gain] [Trk] OFF
 [A] Fr1P [I-Tq] H

User Screen

◀ User ▶ [1]
 Mode: Full
 No.: 1
 Name: -----

Screen A

User [1]
 Copy
 ◀ ToOtherLens ▶
 Access: Unlock

ToOtherLens Screen

User [1]
 ◀ ToOtherLens ▶
 Connect: y/n

1 Press (Set).

The display switches to the User screen.

2 Press (Down Arrow) six times.

[ToOtherLens] is underlined.

3 Press (Set).

The display switches to the ToOtherLens screen.

4 Press (Down Arrow).

[Connect] is underlined, and you can select {y} (yes) or {n} (no).

5 Press (Left Arrow) and then (Set).

Note: You can cancel copying and restore the original values at any time before pressing (Set) in step 9. To return to the previous screen, press up. To cancel copying and turn off the display, press the Display switch.

Continued on next page

Continued from previous page

Screen B

User	
↕ToOtherLens	2
UserCopy :	y/n
AllCopy :	y/n

The display switches to **Screen B**.

6 Press twice.

[AllCopy] is underlined, and you can select {y} (yes) or {n} (no).

User	
ToOtherLens	
UserCopy :	y/n
▲ AllCopy :	<u>y</u> /n 2

7 Press .

The display switches to the **AllCopy screen**.

User	
↕ToOtherLens	2
ToAllUser	
Copy:	y/n

8 Press .

[Copy] is underlined, and you can select {y} (yes) or {n} (no).

User	
ToOtherLens	
ToAllUser	
▲ Copy:	<u>y</u> /n 2

9 Press and then .*1

Now Data Copy Please Wait...	
---------------------------------	--

After a message is displayed indicating that copying is in progress, the display reverts to **Screen A**.

The settings have now been copied between lenses. *2

Screen A

User	
Copy	
↕ToOtherLens	2
Access:	Unlock

*1: Pressing the Set key in this step begins the copying process. Note that once copying begins, you cannot restore the original settings.

*2: To avoid problems during copying, do not operate controls or press the Display switch on the source or target lenses. Do not perform other operations.

Note: If copying fails, an error message is displayed. Respond as described in "(3) Responding to Errors."



(3) Responding to Errors

If copying between lenses fails, check the following.

Error Screen	Checking Item	Problem	Responding
Lens Connect Error!!	Confirm that the dedicated cable (20 pin–20 pin) is connected.	Settings cannot be copied between lenses unless the cable is connected.	Securely connect the cable between the source and target lenses, and follow the steps to copy again, from the start.
	Confirm that the target lens is on.	Settings cannot be copied unless both the source and target lenses are on.	Turn on both the source and target lenses, and follow the steps to copy again, from the start.
	Confirm that the drive unit of the target lens is the same model.	Settings cannot be copied between lenses of different generations of drive units.	Contact Canon or your dealer for details on models of drive unit that can be used to copy settings.
Copy Error!!	Confirm that the dedicated cable (20 pin–20 pin) is connected.	The message at left is displayed if the lenses are disconnected during copying, if a power outage occurs, or if a lens is turned off. In this case, copying is interrupted, which prevents the settings from being copied correctly.	Confirm that the source and target lenses are on, and that the cable is securely connected. Press the Display switch to return to Screen A , and follow the steps to copy again, from the start.
	Confirm that the source and target lenses are on.		

Screen A

User  1 
 Copy
 ToOtherLens 
 Access: Unlock

Lock 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.

For instructions on locking settings in Analog mode, see “5. Operation in Analog Mode.”

Unlocked

MENU

[Basic] [Adj]

[I-Gain] [Trk]OFF

[A] Fr1P [I-Tq]H

Locked

MENU

[Basic] [Adj] Lock

[I-Gain] [Trk]OFF

[A] Fr1P [I-Tq]H

Note

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.

Note

In lock mode, only the following items can still be configured, and other settings are locked.

- Preset data (Shuttle shot position, Frame preset position, Preset speed)
- Zoom tracking position, on/off
- Auto iris gain setting
- Specifying encoder output
- Camera follow voltage adjustments

(1) Locking Settings

Initial Top Screen

MENU

[Basic] [Adj]

[I-Gain] [Trk]OFF

[A] Fr1P [I-Tq]H

User Screen

◀User ▶

Mode: Full

No.: 1

Name: -----

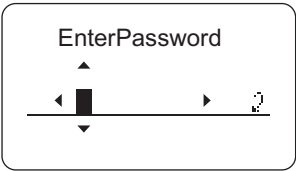
User

Copy ToOtherLens

Access: Unlock

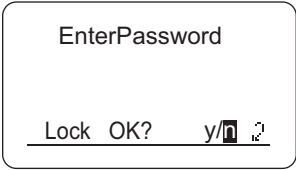
- 1 Press .
- The display switches to the **User screen**.
- 2 Press seven times.
- The previous or default value is highlighted.
- 3 Press .

Continued from previous page



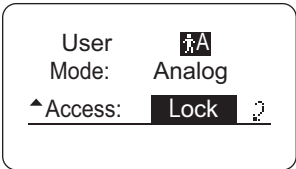
4 Enter the password and press (Set).

Entering Passwords
Press up/down to find characters and left/right to move the cursor or make corrections.
Be careful not to press the Set key until you are finished entering the password.



5 Press (Left Arrow) and then (Set).

The settings are now locked.



Note

Passwords
No master password is used on this model. The password you enter each time to lock settings is the password used to unlock them. For this reason, we recommend making a note of the password each time. If you forget the password, contact Canon or your dealer. Passwords can be blank or up to 8 digits.

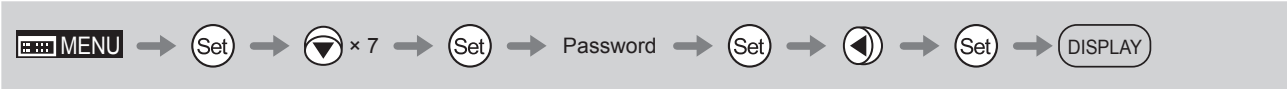
Characters supported in passwords

Options	(D) _-ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789
Max. Digits	8

(D) : Default value
_ : Space

Options	(D) Unlock	Lock
---------	------------	------

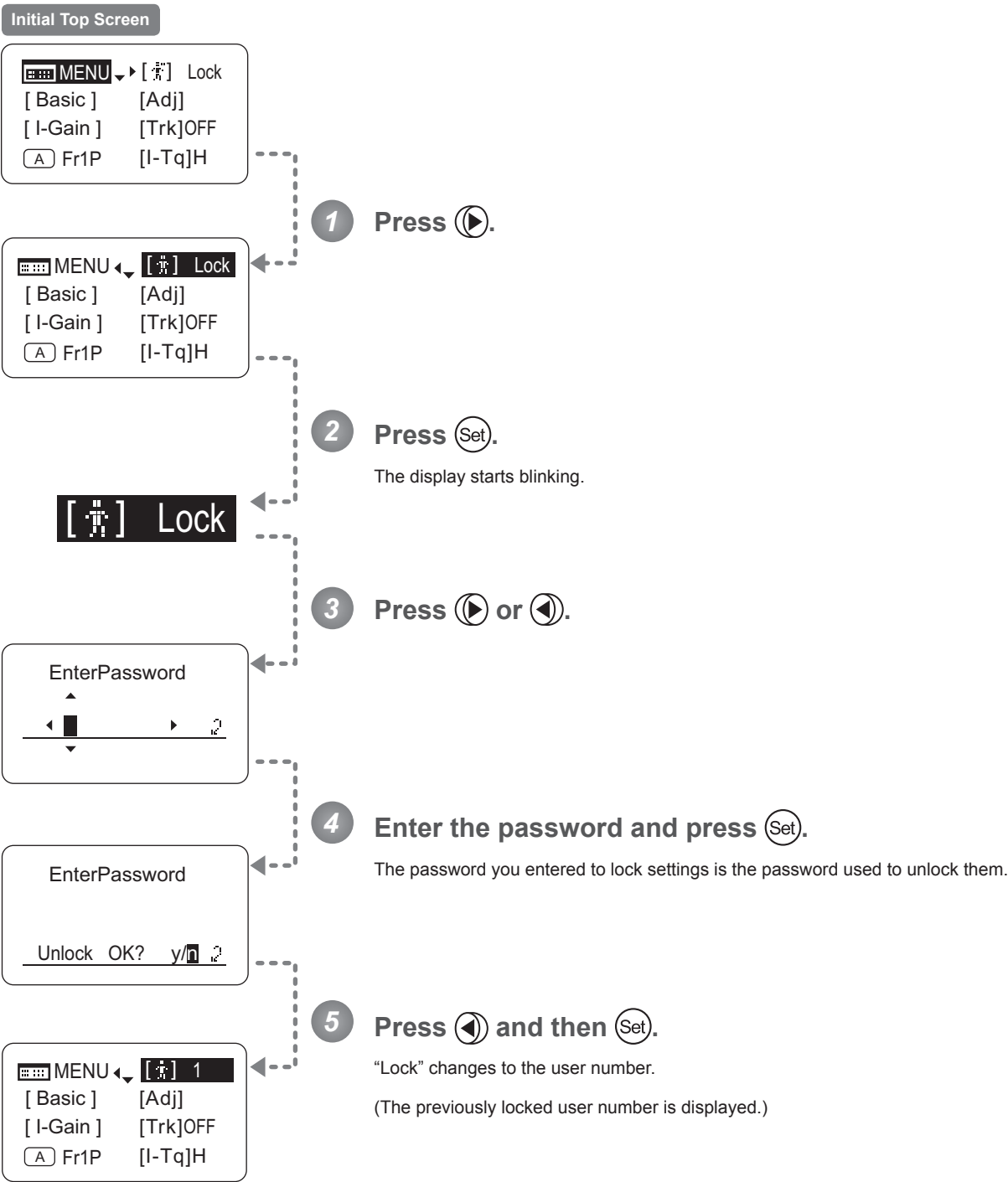
(D): Default value



(2) Unlocking Settings

Settings can be unlocked in two ways, as follows.

(Unlocking Setting 1)



Options	^(D) Unlock	Lock
(D): Default value		



(Unlocking Setting 2)**Initial Top Screen**

MENU [Lock]
 [Basic] [Adj]
 [I-Gain] [Trk] OFF
 [A] Fr1P [I-Tq] H

User Screen

User
 Mode: Full
 No.: 1
 Name: -----

User
 Copy
 ToOtherLens
 ^ Access: Lock

EnterPassword

2

EnterPassword

Unlock OK? y/n

User
 Copy
 ToOtherLens
 ^ Access: Unlock

1 Press .

The display switches to the User screen.

2 Press seven times.

3 Press .

4 Enter the password and press .

The password you entered to lock settings is the password used to unlock them.

5 Press and then .

The settings are now unlocked.



4.2.2 Switch Screen Settings

The following setting items can be configured on the Switch screen.

Assigning Functions to the AUX Switch	Top
Assigning Functions to the AUX1 Switch	Top
Assigning Functions to the AUX2 Switch	Top
Assigning Functions to the VTR Switch	Top
Assigning Functions to the RET Switch	Top
Specifying Iris A/M Switch	Top
Assigning Functions to the Seesaw	Top

Items labeled **Top** can also be modified from the Top screen.

Assigning Functions to the AUX Switch Top

The AUX switch can be programmed to activate a function of your choice.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU ▾ ▶ [] 1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Switch Screen

↕ ◀ Switch ▶ 1
[A] AUX: Fr1P
[A1] AUX1: Shtl
[A2] AUX2: Fr1P

1 Press and then .

The display switches to the **Switch screen**.

2 Press .

[AUX] is underlined.

The previous or default function is highlighted.

Switch ▶ 1
↕ [A] AUX: ◀ Fr1P ▶
[A1] AUX1: Shtl
[A2] AUX2: Fr1P

3 Press or .

Press left or right until you reach the desired function.

Switch ▶ 1
↕ [A] AUX: ◀ VTR ▶
[A1] AUX1: Shtl
[A2] AUX2: Fr1P

Options	^(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value

MENU → → → ◀ Switch ▶ 1 → → or

Assigning Functions to the AUX1 Switch Top

The AUX1 switch can be programmed to activate a function of your choice.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU ▸ [1]
[Basic] [Adj]
[I-Gain] [Trk] OFF
[A] Fr1P [I-Tq] H

Switch Screen

◀ Switch ▶ 1
[A] AUX: Fr1P
[A1] AUX1: Shtl
[A2] AUX2: Fr1P

Switch ▶ 1
[A] AUX: Fr1P
◀ [A1] AUX1: Shtl ▶
[A2] AUX2: Fr1P

Switch ▶ 1
[A] AUX: Fr1P
◀ [A1] AUX1: VTR ▶
[A2] AUX2: Fr1P

1 Press and then .

The display switches to the **Switch screen**.

2 Press twice.

[AUX1] is underlined.

The previous or default function is highlighted.

3 Press or .

Press left or right until you reach the desired function.

Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	^(D) Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value

MENU → → → ◀ Switch ▶ 1 → × 2 → or

Assigning Functions to the AUX2 Switch Top

The AUX2 switch can be programmed to activate a function of your choice.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU ▾ ▶ [] 1
[Basic] [Adj]
[I-Gain] [Trk] OFF
[A] Fr1P [I-Tq] H

Switch Screen

◀ Switch ▶ 1
[A] AUX: Fr1P
[A1] AUX1: Shtl
[A2] AUX2: Fr1P

1 Press and then .

The display switches to the **Switch screen**.

2 Press three times.

[AUX2] is underlined.

The previous or default function is highlighted.

Switch ▶ 1
[A1] AUX1: Shtl
◀ [A2] AUX2: Fr1P ▶
[V] VTR: VTR

3 Press or .

Press left or right until you reach the desired function.

Switch ▶ 1
[A1] AUX1: Shtl
◀ [A2] AUX2: Sped ▶
[V] VTR: VTR

Options	^(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value

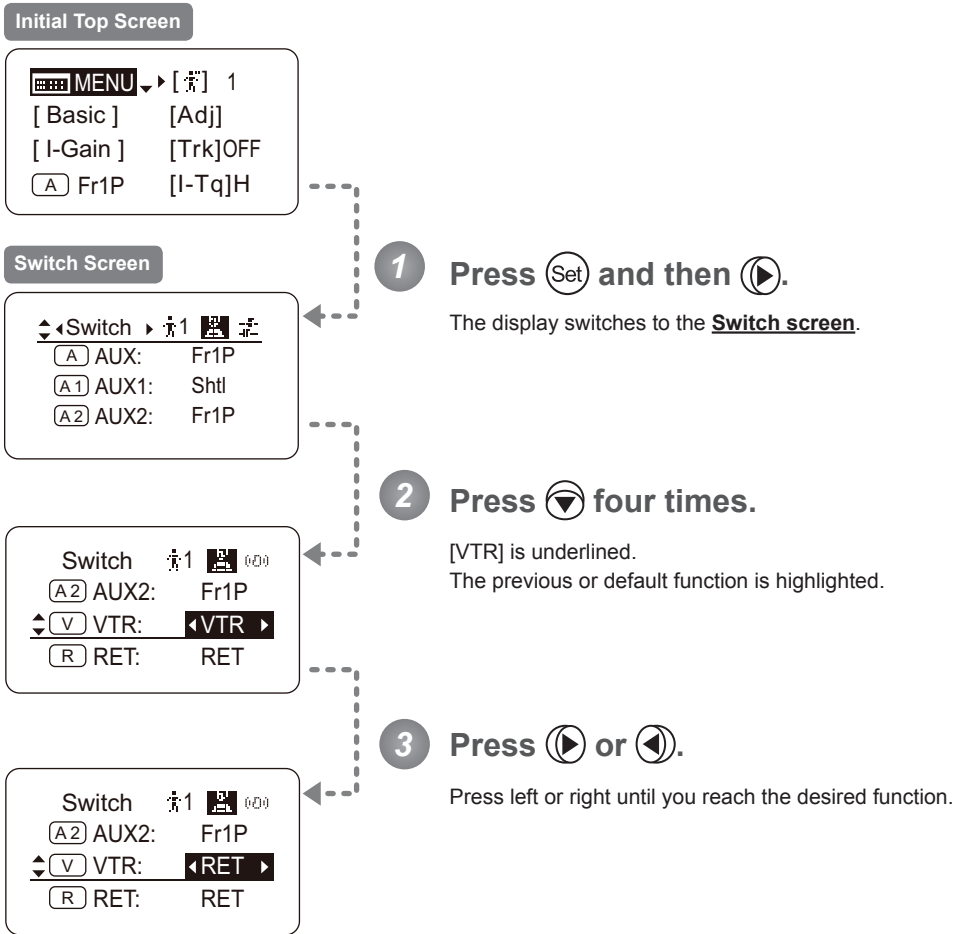
MENU → → → ◀ Switch ▶ 1 → × 3 → or

Assigning Functions to the VTR Switch Top

The VTR switch can be programmed to activate a function of your choice.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	^(D) VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	VTR switch	RET switch

(D): Default value



Assigning Functions to the RET Switch Top

The RET switch can be programmed to activate a function of your choice.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU ▾ ▸ [] 1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Switch Screen

◀Switch ▶ 1
[A] AUX: Fr1P
[A1] AUX1: Shtl
[A2] AUX2: Fr1P

1 Press and then .

The display switches to the **Switch screen**.

2 Press five times.

[RET] is underlined.

The previous or default function is highlighted.

3 Press or .

Press left or right until you reach the desired function.

Switch 1 (D)
[V] VTR: VTR
◀[R] RET: RET ▶
[AM] A/M: Norm

Switch 1 (D)
[V] VTR: VTR
◀[R] RET: Sped ▶
[AM] A/M: Norm

Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	VTR	^(D) RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	VTR switch	RET switch

(D): Default value

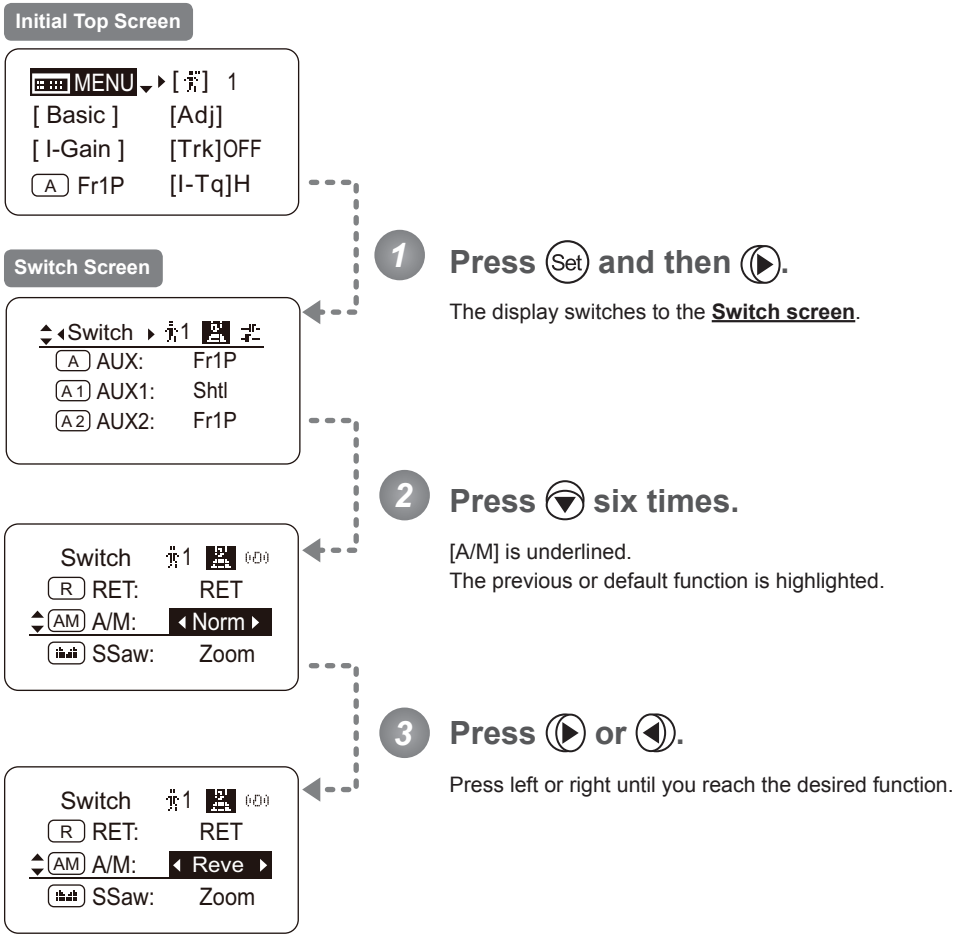
MENU → → → ◀Switch ▶ 1 → × 5 → or

Specifying Iris A/M Switch Top

The Iris A/M switch can be programmed to activate a function of your choice.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Options	^(D) Norm	Reve	Auto	Manu
Description	Normal operation A: Auto / M: Manual	Reverse operation A: Manual / M: Auto	Auto Only A: Auto / M: Auto	Manual Only A: Manual / M: Manual

(D): Default value



Assigning Functions to the Seesaw Top

The zoom seesaw switch can be programmed to control either the {Zoom} or {Iris}.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU ▾ [1]
 [Basic] [Adj]
 [I-Gain] [Trk]OFF
 [A] Fr1P [I-Tq]H

Switch Screen

⬆️ Switch ▸ 1 **SSaw**
 [A] AUX: Fr1P
 [A1] AUX1: Shtl
 [A2] AUX2: Fr1P

1 Press and then .

The display switches to the **Switch screen**.

2 Press seven times.

[SSaw] is underlined.

The previous or default function is highlighted.

Switch ▸ 1 **SSaw** (D)
 [R] RET: RET
 [AM] A/M: Normal
 ⬆️ **SSaw**: **Zoom**

3 Press or .

Press left or right until you reach the desired function.

Switch ▸ 1 **SSaw** (D)
 [R] RET: RET
 [AM] A/M: Normal
 ⬆️ **SSaw**: **Iris**

Note: Note on Iris Assignment

1. The seesaw switch will no longer control zooming.
2. To control the iris with the rocker switch, you must set the iris mode to manual. Operation is not possible in Auto or Remote mode.
3. Press the Telephoto side to open the iris, or press the Wide end side to close it.
4. Zoom speed control adjustments also apply to iris control, and you can specify the maximum iris speed. (See “4.2.5 Zoom Screen Settings: Specifying Maximum Zoom Speed Control.”)

Options	^(D) Zoom	Iris
Description	Zoom operation	Iris operation

(D): Default value

MENU → → → ⬆️ Switch ▸ 1 **SSaw** → × 7 → or

4.2.3 Preset Screen Settings

The following setting items can be configured on the Preset screen.

Switching What Frame Preset 1 Controls

Switching What Frame Preset 2 Controls

Specifying the Preset Mode Zoom Speed

Specifying Zoom Start Responsiveness for Presets

Specifying Zoom Stop Responsiveness for Presets

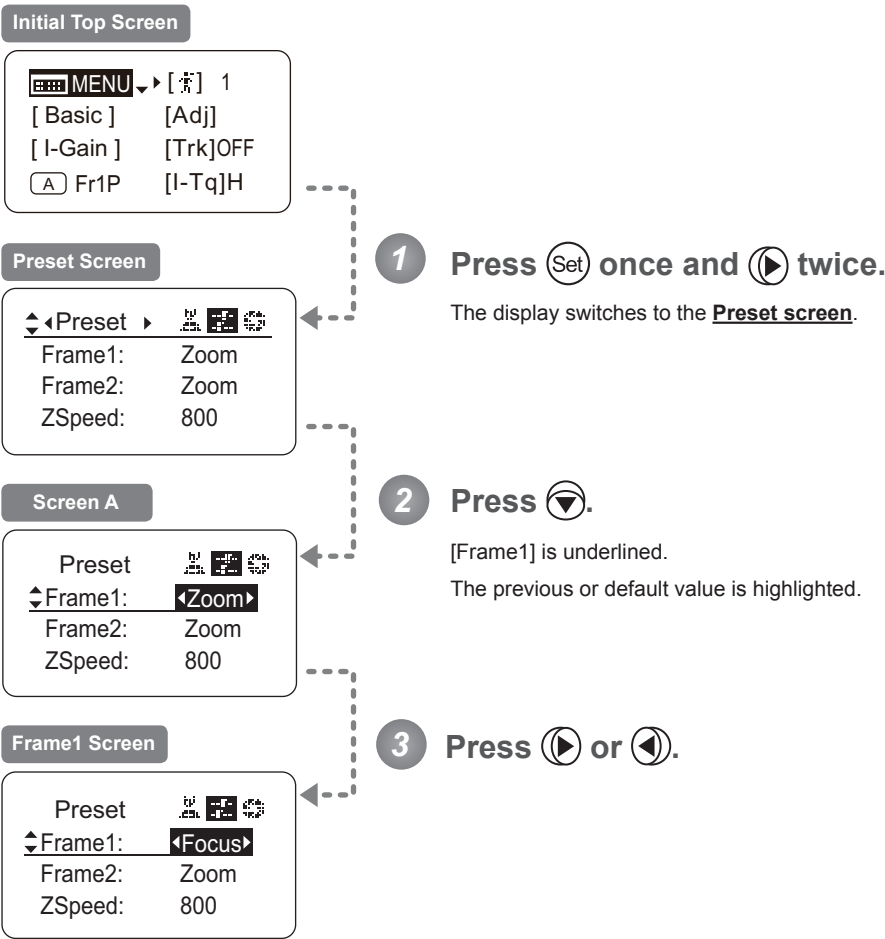
Switching What Frame Preset 1 Controls

Switch what frame preset 1 controls, as needed.

- Zoom : Move the zoom position to the position in memory
- Focus : Move the focus position to the position in memory
- Z+F : Move the zoom and focus position to the position in memory

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Options	^(D) Zoom	Focus	Z+F
Description	Control zooming	Control focusing	Control zooming and focusing

(D): Default value



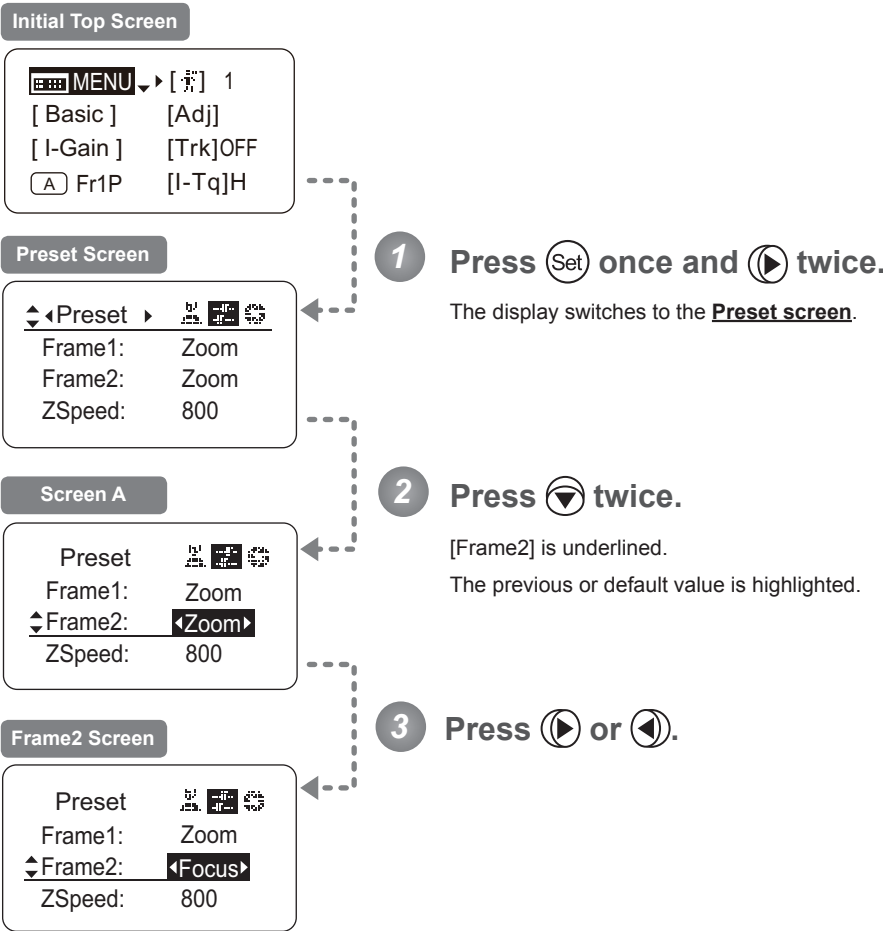
Switching What Frame Preset 2 Controls

Switch what frame preset 2 controls, as needed.

- Zoom : Move the zoom position to the position in memory
- Focus : Move the focus position to the position in memory
- Z+F : Move the zoom and focus position to the position in memory

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Options	^(D) Zoom	Focus	Z+F
Description	Control zooming	Control focusing	Control zooming and focusing

(D): Default value



Specifying the Preset Mode Zoom Speed

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

To adjust the value, use either the Memo button (refer to the Lens Manual) or display operations.

Regardless of the method of adjustment used, the most recent setting takes precedence.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Note: Your specified values apply to both Fr1P and Fr2P.

Initial Top Screen

MENU ▾ ▸ [1]
[Basic] [Adj]
[I-Gain] [Trk] OFF
[A] Fr1P [I-Tq] H

Preset Screen

◀ Preset ▶
Frame1: Zoom
Frame2: Zoom
ZSpeed: 800

1 Press once and twice.

The display switches to the **Preset screen**.

2 Press three times.

[ZSpeed] is underlined.

The previous or default value is highlighted.

Preset
Frame2: Zoom
◀ ZSpeed: 800 ▶
ZMovement

3 Press or .

Press left or right until you reach the desired value.

Preset
Frame2: Zoom
◀ ZSpeed: 500 ▶
ZMovement

Options	1	to	^(D) 800
Description	Slowest		Fastest

(D): Default value

MENU → → × 2 → ◀ Preset ▶ → × 3 → or

Specifying Zoom Start Responsiveness for Presets

Specify initial responsiveness in zooming for preset operations.

Initial Top Screen

MENU

[Basic] [Adj]

[I-Gain] [Trk]OFF

[A] Fr1P [I-Tq]H

Preset Screen

◀Preset▶ 000

Frame1: Zoom

Frame2: Zoom

ZSpeed: 800

Screen A

Preset 000

Frame2: Zoom

ZSpeed: 800

◀ZMovement▶ 2

ZMovement Screen

Preset 000

◀ZMovement▶ 2

Start: 99

Stop: 91

Preset 000

ZMovement

◀Start▶ D99 2

Stop: 91

Preset 000

ZMovement

◀Start▶ 50 2

Stop: 91

1 Press **Set** once and **▶** twice.

The display switches to the Preset screen.

2 Press **▼** four times.

[ZMovement] is underlined.

3 Press **Set**.

The display switches to the ZMovement screen.

4 Press **▼**.

[Start] is underlined.

The previous or default value is highlighted.

5 Press **▶** or **◀**.

Press left or right until you reach the desired value.

6 Press **Set**.

The display reverts to Screen A.

Options	00	to	(D) 99
Description	Start gradually		Start quickly

(D): Default value

Specifying Zoom Stop Responsiveness for Presets

Specify final responsiveness in zooming for preset operations.

Initial Top Screen

MENU ▾ ▶ [1]
[Basic] [Adj]
[I-Gain] [Trk] OFF
[A] Fr1P [I-Tq] H

Preset Screen

◀ ▶ Preset ▶ 00
Frame1: Zoom
Frame2: Zoom
ZSpeed: 800

Screen A

Preset 00
Frame2: Zoom
ZSpeed: 800
▲ ZMovement 2

ZMovement Screen

Preset 00
▲ ZMovement 2
Start: 99
Stop: 91

Preset 00
ZMovement
Start: 99
▲ Stop: ◀ D91 ▶ 2

Preset 00
ZMovement
Start: 99
▲ Stop: ◀ 70 ▶ 2

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

1 Press once and twice.

The display switches to the **Preset screen**.

2 Press four times.

[ZMovement] is underlined.

3 Press .

The display switches to the **ZMovement screen**.

4 Press twice.

[Stop] is underlined.

The previous or default value is highlighted.

5 Press or .

Press left or right until you reach the desired value.

6 Press .

The display reverts to **Screen A**.

Options	00	to	99
Description	Stop gradually		Stop quickly

Default value: 91



4.2.4 Iris Screen Settings

The following setting items can be configured on the Iris screen.

Specifying Iris Gain

(1) Specifying Auto Iris Gain

Top

(2) Specifying Remote Iris Gain

Top

Specifying Iris Torque

Top

Iris Compensation ON/OFF

Iris Close Detection ON/OFF

Focus Demand Iris Control ON/OFF

Items labeled **Top** can also be modified from the Top screen.

Specifying Iris Gain

(1) Specifying Auto Iris Gain

Top

Although this value is factory-set, it can be adjusted as needed.

To adjust the value, use either the auto iris gain adjustment trimmer (refer to the Lens Manual) or display operations. Regardless of the method of adjustment used, the most recent setting takes precedence.

The same auto iris gain value applies to all users, regardless of the current user. Thus, there is no need to switch users in advance. Unlike most other setting adjustments, any changes to this setting also apply to user 0.

Initial Top Screen

MENU ▾ ▶ [1]
[Basic] [Adj]
[I-Gain] [Trk] OFF
[A] Fr1P [I-Tq] H

Iris Screen

◀ Iris ▶ [1]
[I-Gain]
Torque: High
Comp: ON

Screen A

Iris [1]
◀ [I-Gain] ▶ 2
Torque: High
Comp: ON

[I-Gain] Screen

Iris [1]
◀ [I-Gain] ▶ 2
Auto: 50
Remote: 90

Iris [1]
[I-Gain]
◀ Auto: 50 ▶ 2
Remote: 90

Iris [1]
[I-Gain]
◀ Auto: 55 ▶ 2
Remote: 90

- 1 Press **Set** once and **▶** three times.

The display switches to the Iris screen.

Note: Do the following when adjusting gain while checking iris operation.

- Confirm that the drive unit A/M switch is set to [Auto] mode.
- Set the camera iris mode to [Auto].

- 2 Press **◀**.

[I-Gain] is underlined.

Note: As you look at the lens iris ring, set it to the position of maximum gain at which "focus hunting" does not occur.

- 3 Press **Set**.

The display switches to the [I-Gain] screen.

- 4 Press **◀**.

[Auto] is underlined.

The previous or default value is highlighted.

Note: The current iris gain value is retained even if you reset other settings as described in "4.2.1 Resetting Values." For this reason, you will no longer be able to view the default setting. If necessary, make a note of the default setting before adjusting this value.

- 5 Press **▶** or **◀**.

Press left or right until you reach the desired function.

- 6 Press **Set**.

The display reverts to Screen A.

Options	01	to	99
Description	Minimum gain		Maximum gain

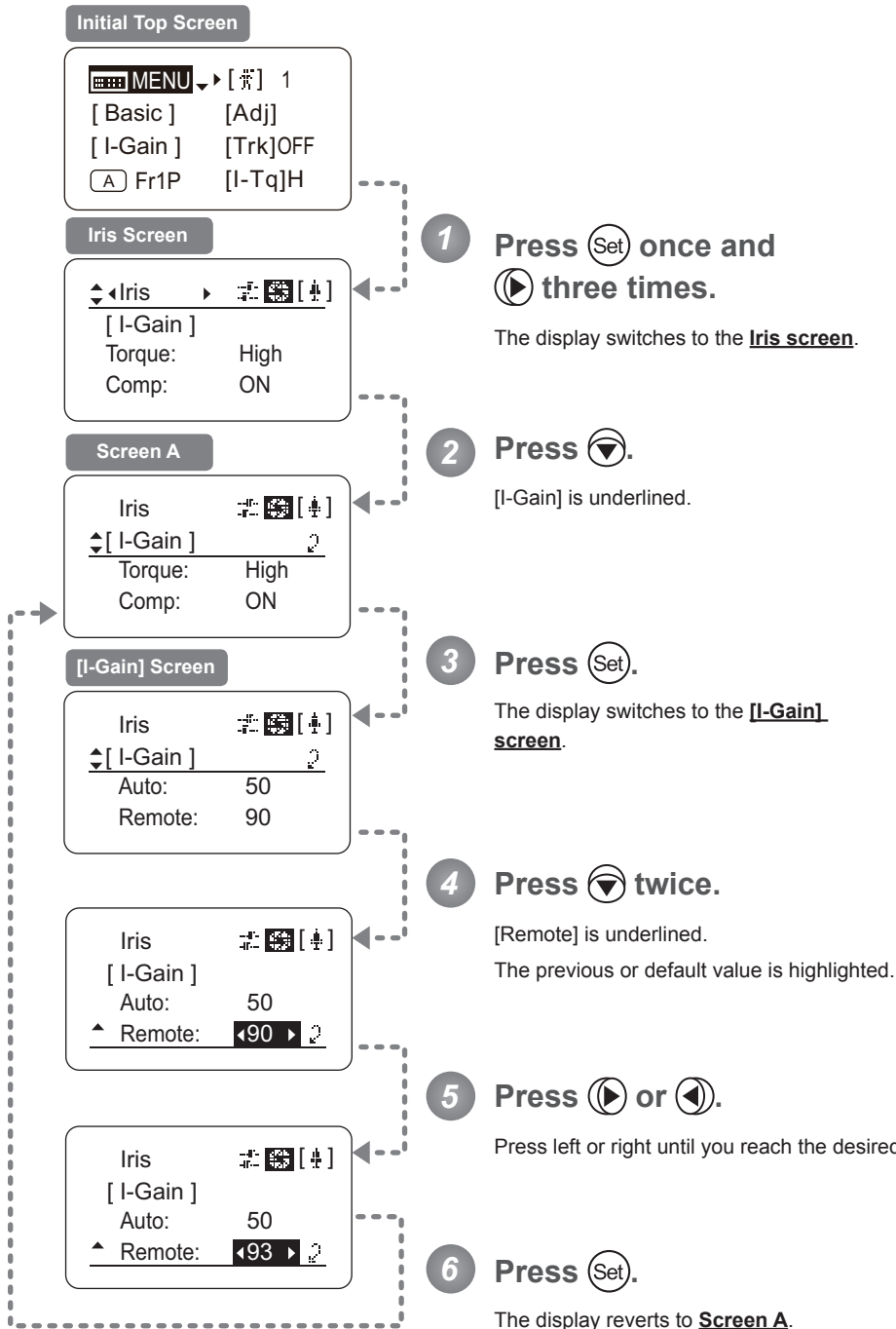
Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.

MENU → **Set** → **▶** × 3 → **◀ Iris ▶** → **[1]** → **◀** → **Set** → **◀** → **▶** or **◀** → **Set**

(2) Specifying Remote Iris Gain Top

Although this value is factory-set, it can be adjusted as needed.

The same remote iris gain value applies to all users, regardless of the current user. Thus, there is no need to switch users in advance. Unlike most other setting adjustments, any changes to this setting also apply to user 0.



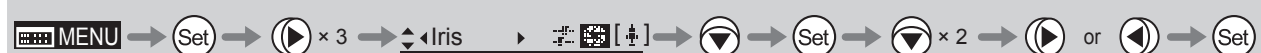
Note: Do the following when adjusting gain while checking iris operation.

- Confirm that the drive unit A/M switch is set to [Auto] mode.
- Set the camera iris mode to [Remote].

Note: The current iris gain value is retained even if you reset other settings as described in "4.2.1 Resetting Values." For this reason, you will no longer be able to view the default setting. If necessary, make a note of the default setting before adjusting this value.

Options	01	to	99
Description	Minimum gain		Maximum gain

Default value: 90



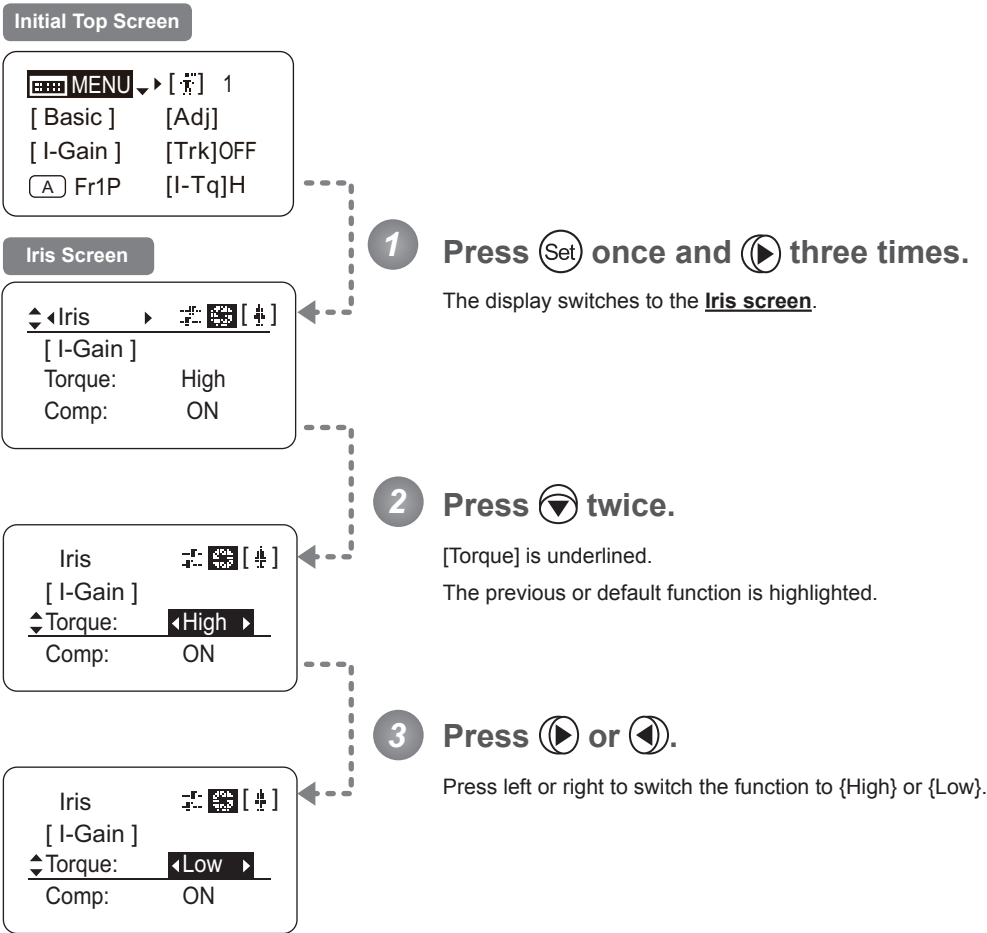
Specifying Iris Torque

Top

Specify the desired level of torque in manual control of the iris ring.

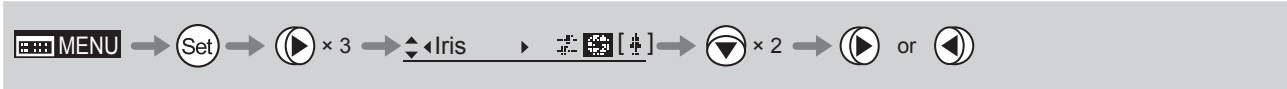
Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Options	^(D) High	Low
Description	High torque	Low torque

(D): Default value



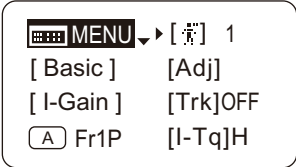
Iris Compensation ON/OFF

The amount of light decreases when an extender (2.0×) is used. You can specify a function that compensates by opening the iris by an amount equivalent to f/2.

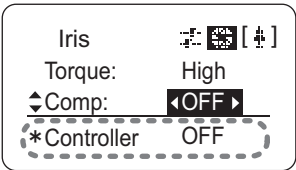
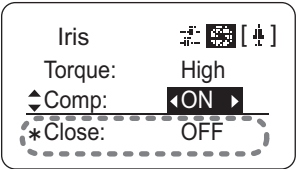
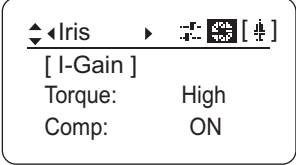
Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



Iris Screen



1 Press **Set** once and **Play** three times.

The display switches to the Iris screen.

2 Press **Down Arrow** three times.

[Comp] is underlined.
The previous or default function is highlighted.

3 Press **Right Arrow** or **Left Arrow**.

Press left or right to switch the function {ON} or {OFF}.

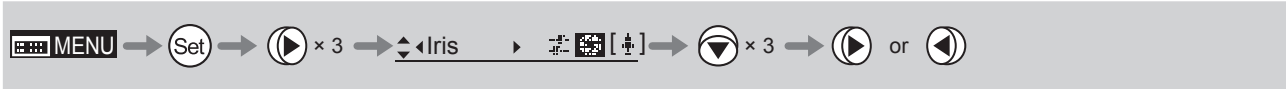
*: Displayed when {Comp} is set to ON.

*: Displayed when {Comp} is set to OFF.

Note: The iris may not fully close in some cases when the iris compensation is set to ON while an extender (2.0×) is used. If so, activate detection as described in “Iris Close Detection ON/OFF.”

Options	^(D) ON	OFF
Description	Iris compensation	No iris compensation

(D): Default value



Iris Close Detection ON/OFF

The iris cannot be fully closed when correction is active and an extender (2.0×) is used. As a countermeasure, you can specify a function to detect iris close and close the iris as needed.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU

1

[Basic]

[Adj]

[I-Gain]

[Trk]OFF

[A] Fr1P

[I-Tq]H

1 Press  once and  three times.

The display switches to the Iris screen.

Iris Screen

Iris

[I-Gain]

Torque: High

Comp: ON

2 Press  four times.

[Close] is underlined.
The previous or default function is highlighted.

Iris

Comp: ON

Close: OFF

*Controller OFF

3 Press  or .

Press left or right to switch the function {ON} or {OFF}.

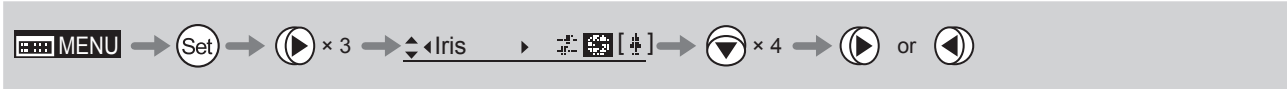
Note: With some cameras, iris compensation may conflict with iris control by the camera, preventing correct iris operation. If so, deactivate iris close detection.

*: Displayed when {Comp} is set to ON.

Note: Iris close is detected only when iris compensation is enabled.

Options	^(D) OFF	ON
Description	No close detection	Close detection

(D): Default value



Focus Demand Iris Control ON/OFF

Iris operations using a focus demand can be switched on or off.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU

[Basic] [Adj]

[I-Gain] [Trk] OFF

[A] Fr1P [I-Tq] H

1 Press  once and  three times.

The display switches to the Iris screen.

Iris Screen

◀ Iris ▶  []

[I-Gain]

Torque: High

Comp: ON

2 Press  five times.

[Controller] is underlined.

The previous or default function is highlighted.

*: Displayed when {Comp} is set to ON.

Iris  []

Comp: ON

* Close: OFF

▲ Controller: ◀ ON ▶

3 Press  or .

Press left or right to switch the function {ON} or {OFF}.

Iris  []

Comp: ON

* Close: OFF

▲ Controller ◀ OFF ▶

Options	ON	^(D) OFF
Description	Iris controlled with focus demand	Iris not controlled with focus demand

(D): Default value

MENU →  →  × 3 → ◀ Iris ▶  [] →  × 5 →  or 

4.2.5 Zoom Screen Settings

The following setting items can be configured on the Zoom screen.

Zoom Tracking ON/OFF

Top

Specifying Zoom Servo Start Responsiveness

Specifying Zoom Servo Stop Responsiveness

Specifying Zoom Mechanical End Stop Responsiveness

Specifying Seesaw Switch Responsiveness

Top

Specifying Analog Demand Responsiveness

Top

Specifying Maximum Zoom Speed Control

Specifying Minimum Zoom Speed Control

Specifying Servo Type from Zoom Demand

Demand-Based Zoom Speed Adjustment ON/OFF

Specifying Zoom Demand Specifications

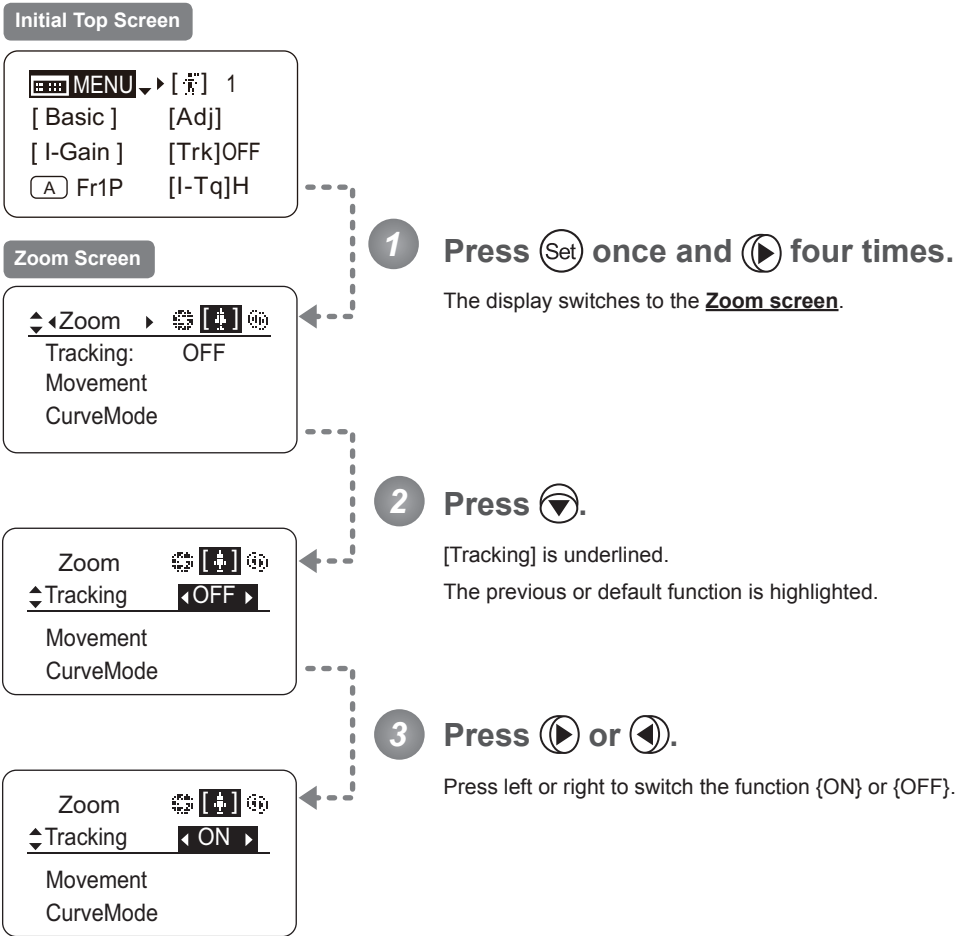
Items labeled **Top** can also be modified from the Top screen.

Zoom Tracking ON/OFF Top

Activate or deactivate zoom tracking as needed.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Specifying Zoom Servo Start Responsiveness

Specify initial responsiveness in zooming (using seesaw switch, for example) as needed.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU ▾ [𐄂] 1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Zoom Screen

◀Zoom ▶
Tracking: OFF
Movement
CurveMode

Screen A

Zoom
Tracking: OFF
◀Movement ▶ 2
CurveMode

Movement Screen

Zoom
◀Movement ▶ 2
Start: 99
Stop: 91

Zoom
Movement
◀ Start: ▶ 2
Stop: 91

Zoom
Movement
◀ Start: ▶ 2
Stop: 91

1 Press once and four times.

The display switches to the Zoom screen.

2 Press twice.

[Movement] is underlined.

3 Press .

The display switches to the Movement screen.

4 Press .

[Start] is underlined.

The previous or default value is highlighted.

5 Press or .

Press left or right until you reach the desired function.

6 Press .

The display reverts to Screen A.

Options	00	to	^(D) 99
Description	Start gradually		Start quickly

(D): Default value

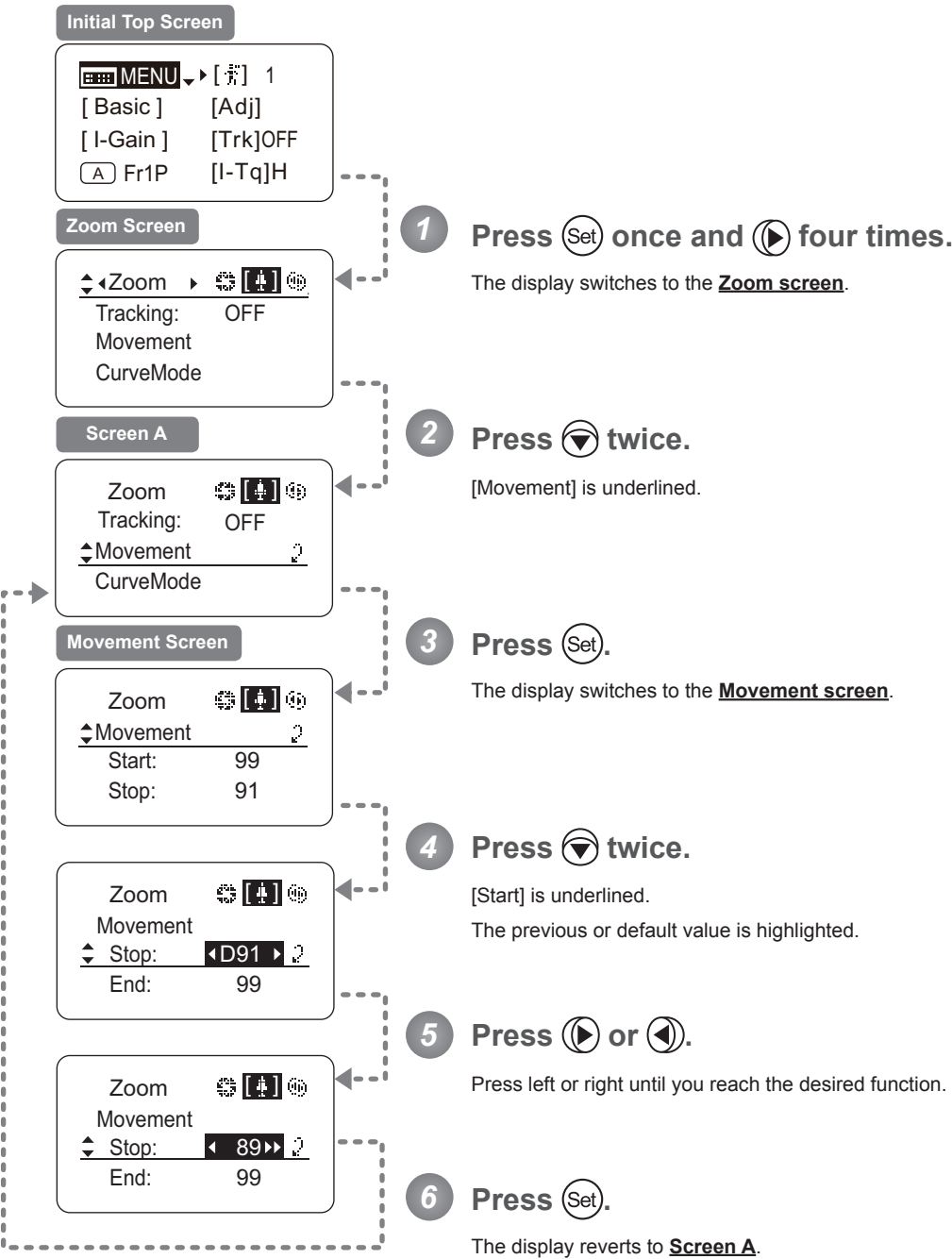
MENU → → × 4 → → × 2 → → → or →

Specifying Zoom Servo Stop Responsiveness

Specify final responsiveness in zooming (using seesaw switch, for example) as needed.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Options	00	to	99
Description	Stop gradually		Stop quickly

Default value: 91



Specifying Zoom Mechanical End Stop Responsiveness

Specify final responsiveness at the mechanical end in zooming (using the seesaw switch, for example) as needed.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU ▾ [英] 1
[Basic] [Adj]
[I-Gain] [Trk] OFF
[A] Fr1P [I-Tq] H

Zoom Screen

◀ Zoom ▶
Tracking: OFF
Movement
CurveMode

Screen A

Zoom
Tracking: OFF
◀ Movement ▶ 2
CurveMode

Movement Screen

Zoom
◀ Movement ▶ 2
Start: 99
Stop: 91

Zoom
Movement
Stop: 91
▲ End: ◀ D99 ▶ 2

Zoom
Movement
Stop: 91
▲ End: ◀ 97 ▶▶ 2

1 Press once and four times.

The display switches to the Zoom screen.

2 Press twice.

[Movement] is underlined.

3 Press .

The display switches to the Movement screen.

4 Press three times.

[End] is underlined.

The previous or default value is highlighted.

5 Press or .

Press left or right until you reach the desired function.

6 Press .

The display reverts to Screen A.

Options	00	to	^(D) 99
Description	Stop gradually		Stop quickly

(D): Default value

MENU → → × 4 → ◀ Zoom ▶ → × 2 → → × 3 → or →

Specifying Seesaw Switch Responsiveness

Top

Configure the responsiveness of zoom speed adjustment in response to pressing the zoom seesaw switch.
(Note: Another screen is displayed when this setting is configured.)

Important

First, switch to the user for whom the settings apply.
(For instructions, see "4.1.3 Switching Users" or "4.2.1 User Screen Settings: Switching Users.")

Initial Top Screen

MENU

[Basic] [Adj]

[I-Gain] [Trk]OFF

[A] Fr1P [I-Tq]H

Zoom Screen

Zoom

Tracking: OFF

Movement

CurveMode

Screen A

Zoom

Movement

CurveMode

SpeedAdj

CurveMode Screen

Zoom

CurveMode

Seesaw: 5

Demand: 5

Zoom

CurveMode

Seesaw: D5

Demand: 5

Zoom

CurveMode

Seesaw: 7

Demand: 5

1 Press Set once and right arrow four times.

The display switches to the Zoom screen.

2 Press down arrow three times.

[CurveMode] is underlined.

3 Press Set.

The display switches to the CurveMode screen.

4 Press down arrow.

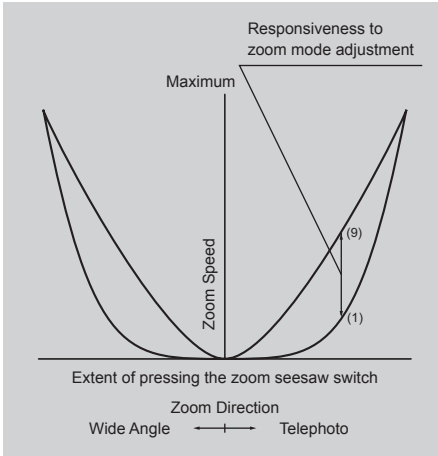
[Seesaw] is underlined.
The previous or default value is highlighted.

5 Press right arrow or left arrow.

Press left or right until you reach the desired function.

6 Press Set.

The display reverts to Screen A.



Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

(D): Default value

MENU

Set

right arrow x 4

Zoom

down arrow x 3

Set

down arrow

right arrow or left arrow

Set

Specifying Analog Demand Responsiveness Top

Configure the responsiveness of zoom speed adjustment in response to pressing the analog demand thumb ring.
(Note: Another screen is displayed when this setting is configured.)

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU [Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Zoom Screen

Zoom Tracking: OFF
Movement
CurveMode

Screen A

Zoom Movement
CurveMode 2
SpeedAdj

CurveMode Screen

Zoom CurveMode 2
Seesaw: 5
Demand: 5

Zoom CurveMode
Seesaw: 5
Demand: D5

Zoom CurveMode
Seesaw: 5
Demand: 7

1 Press **Set** once and **▶** four times.

The display switches to the Zoom screen.

2 Press **▼** three times.

[CurveMode] is underlined.

3 Press **Set**.

The display switches to the CurveMode screen.

4 Press **▼** twice.

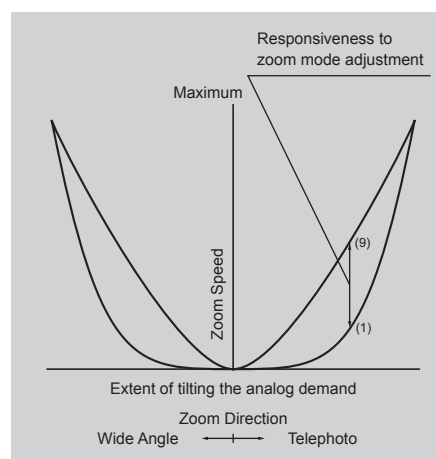
[Demand] is underlined.
The previous or default value is highlighted.

5 Press **▶** or **◀**.

Press left or right until you reach the desired function.

6 Press **Set**.

The display reverts to Screen A.



Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

(D): Default value

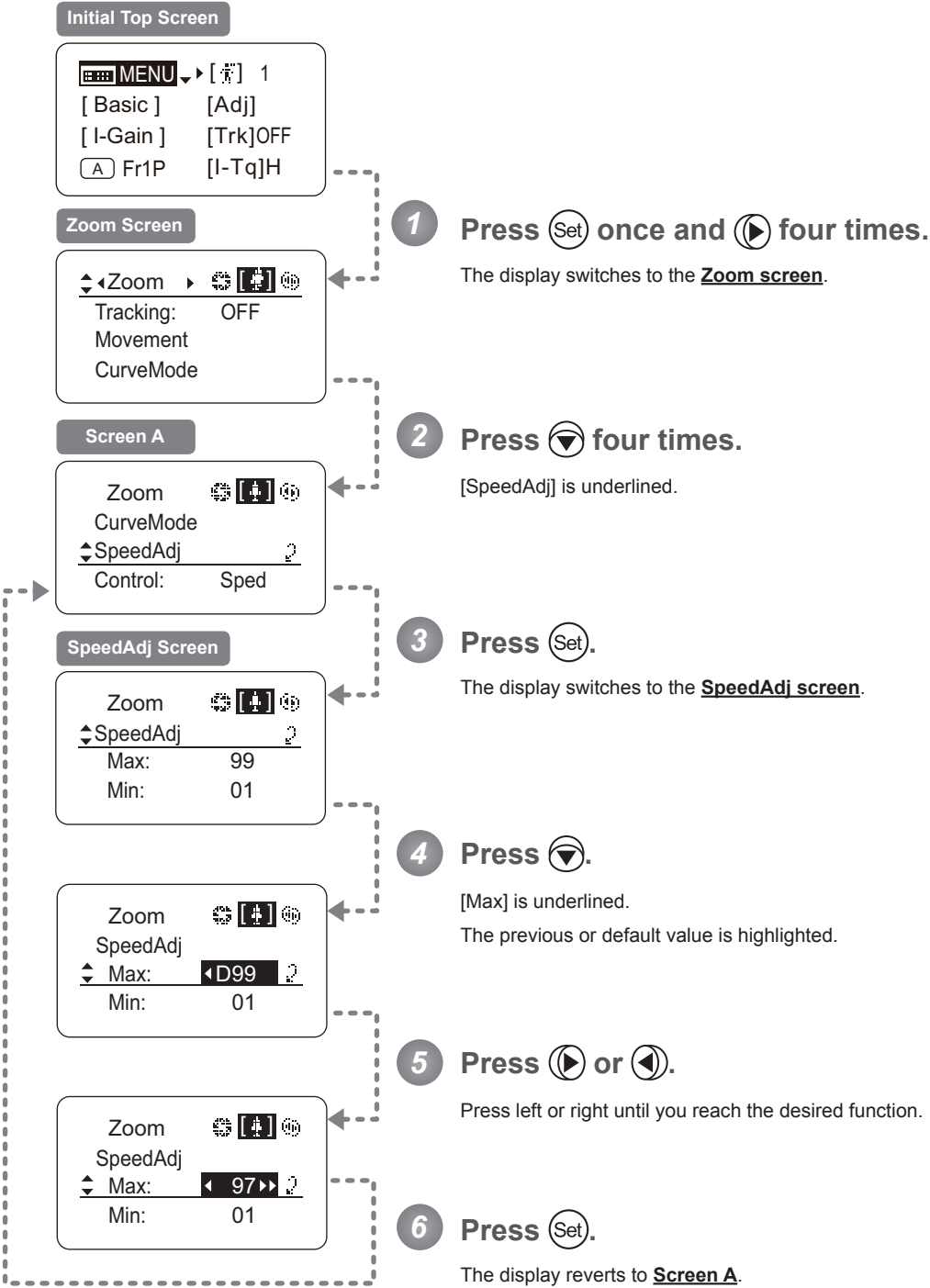
MENU → **Set** → **▶** × 4 → **Zoom** → **▼** × 3 → **Set** → **▼** × 2 → **▶** or **◀** → **Set**

Specifying Maximum Zoom Speed Control

Specify the maximum speed to which the zoom speed can be adjusted using the drive unit knob.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



Options	Min. value— ^(D) 99
---------	-------------------------------

(D): Default value



Specifying Minimum Zoom Speed Control

Specify the minimum speed to which the zoom speed can be adjusted using the drive unit knob.

Important

First, switch to the user for whom the settings apply.

(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen

MENU ▾ [1]
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Zoom Screen

Zoom ▸ [1]
Tracking: OFF
Movement
CurveMode

Screen A

Zoom [1]
CurveMode
SpeedAdj 2
Control: Sped

SpeedAdj Screen

Zoom [1]
SpeedAdj 2
Max: 99
Min: 01

Zoom [1]
SpeedAdj
Max: 99
Min: D01 ▸ 2

Zoom [1]
SpeedAdj
Max: 99
Min: ◀◀ 03 ▸ 2

1 Press once and four times.

The display switches to the Zoom screen.

2 Press four times.

[SpeedAdj] is underlined.

3 Press .

The display switches to the SpeedAdj screen.

4 Press twice.

[Min] is underlined.

The previous or default value is highlighted.

5 Press or .

Press left or right until you reach the desired function.

6 Press .

The display reverts to Screen A.

Options

^(D) 01–Max. value

(D): Default value

MENU ▾ →  →  × 4 → Zoom ▸ [1] →  × 4 →  →  × 2 →  or  → 

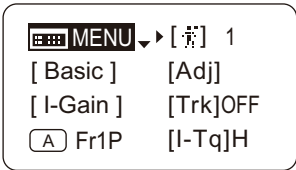
Specifying Servo Type from Zoom Demand

Specify either the speed or position servo as the type of servo to use from the zoom demand.

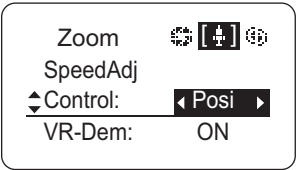
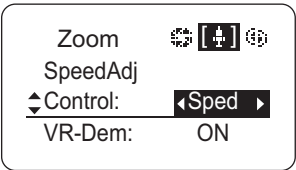
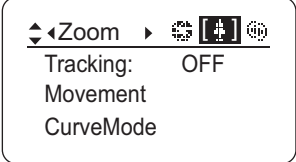
Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



Zoom Screen



1 Press **Set** once and **Play** four times.

The display switches to the **Zoom screen**.

2 Press **Down Arrow** five times.

[Control] is underlined.
The previous or default function is highlighted.

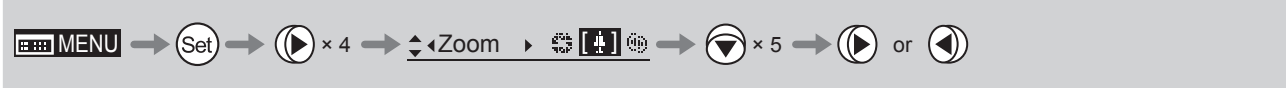
3 Press **Play** or **Left Arrow**.

Press left or right to switch the function to {Sped} or {Posi}.

Note: Selecting {Posi} will disable the seesaw switch. Additionally, only one demand connector can be connected when {Posi} is selected. Normally, select {Sped}.

Options	^(D) Sped	Posi
Description	Speed servo	Position servo

(D): Default value

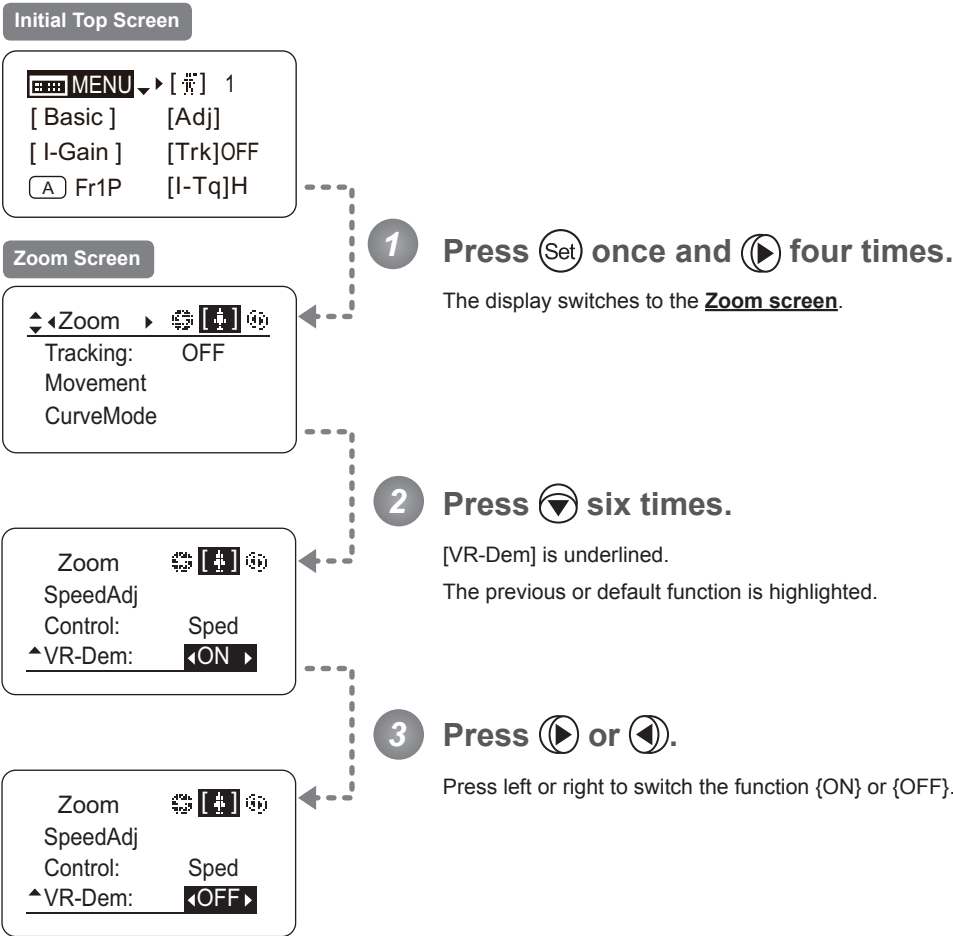


Demand-Based Zoom Speed Adjustment ON/OFF

Enable or disable adjustment of the maximum drive unit zoom speed based on the zoom demand.

Important

First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



4.2.6 Focus Screen Settings

The following setting items can be configured on the Focus screen.

Specifying Focus Demand Responsiveness

Specifying Focus Demand Responsiveness

Specify responsiveness in analog focus demand operations as needed.

Initial Top Screen

MENU ▾ [1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Focus Screen

Focus ▾ [1] [9] [i]
CurveMode

Screen A

Focus [1] [9] [i]
CurveMode 2

CurveMode Screen

Focus [1] [9] [i]
CurveMode 2
ADemand: 5

Focus [1] [9] [i]
CurveMode
ADemand: D5 2

Focus [1] [9] [i]
CurveMode
ADemand: 7 2

Note: These settings take effect when the curve selection switch on the focus demand is set toward FAR.

1 Press **Set** once and **Left Arrow** three times.

The display switches to the **Focus screen**.

2 Press **Down Arrow**.

[CurveMode] is underlined.

3 Press **Set**.

The display switches to the **CurveMode screen**.

4 Press **Down Arrow**.

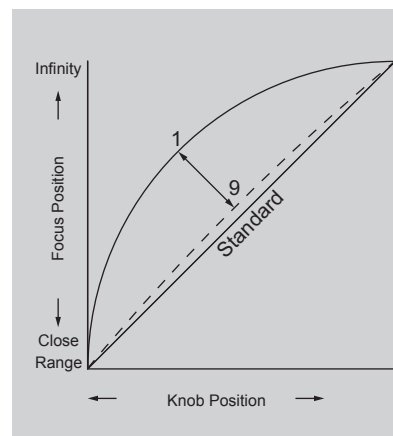
[ADemand] is underlined.
The previous or default value is highlighted.

5 Press **Right Arrow** or **Left Arrow**.

Press left or right until you reach the desired function.

6 Press **Set**.

The display reverts to **Screen A**.



Options	1	to	9
Description	Large curve		Small curve

Default value: 5

MENU → **Set** → **Left Arrow** × 3 → Focus ▾ [1] [9] [i] → **Down Arrow** → **Set** → **Down Arrow** → **Right Arrow** or **Left Arrow** → **Set**

4.2.7 Info Screen Settings

The following setting items can be configured on the **Info screen**.

Checking Serial Numbers

Specifying the 3D Function (For information on specifying the 3D function, see the instruction manual of the BC-100 3D cable.)

Specifying Encoder Output

Serial Communication with Camera ON/OFF

Specifying the Input Route for Command Signals from the Camera

Specifying the / $\frac{1}{2}$ Technology Distance Unit

Checking Lens–Drive Unit Communication

Configuring Settings in System Mode (Used by Canon Service Technicians Only)

Checking Serial Numbers

Check lens and drive unit serial numbers as needed.

Initial Top Screen

MENU ▾ [1
[Basic] [Adj]
[I-Gain] [Trk]OFF
[A] Fr1P [I-Tq]H

Info Screen

◀Info ▶ [i]
S/N
3D: OFF
Encoder: OFF

Info ▶ [i]
◀S/N
3D: OFF
Encoder: OFF

Info ▶ [i]
^S/N
Lens: 00000000
D.U.: 00000000

1 Press **Set** once and **◀** twice.

The display switches to the **Info screen**.

2 Press **◀**.

[S/N] is underlined.

3 Press **Set**.

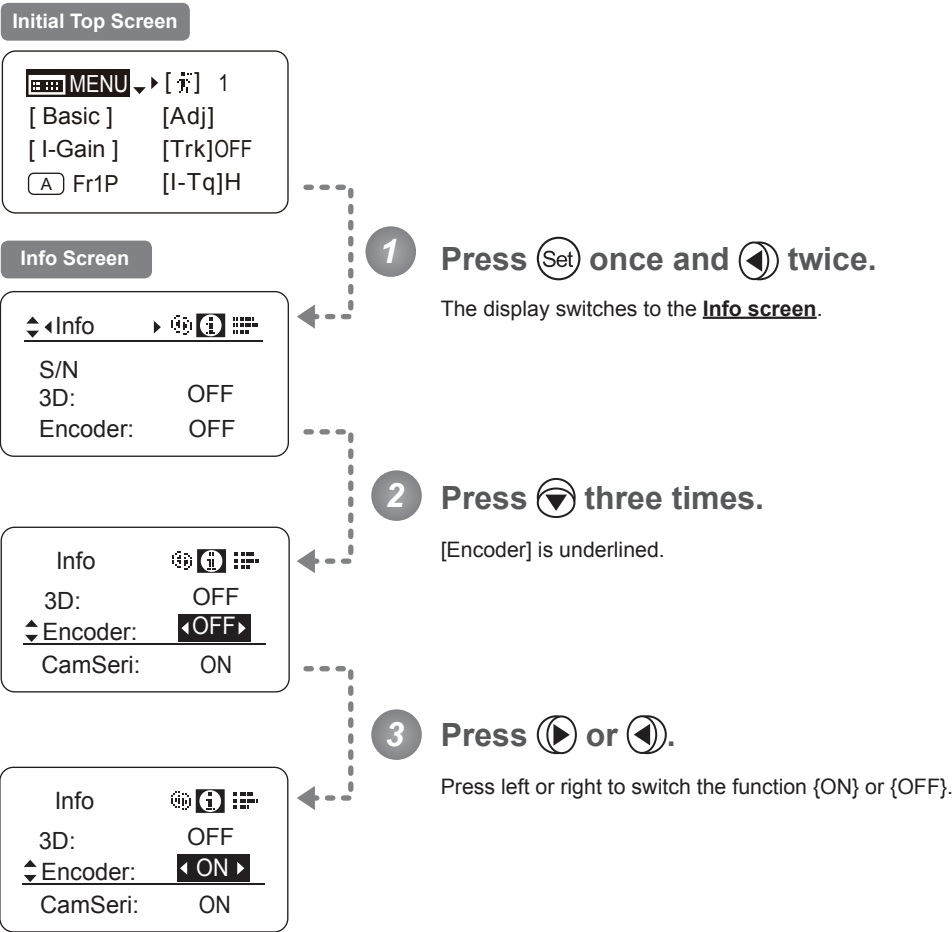
The lens and drive unit serial numbers are displayed.

Note: The serial number of the lens is not displayed when no power is being supplied to the lens from the camera mount.

MENU → **Set** → **◀** × 2 → ◀Info ▶ [i] 1 → **◀** → **Set**

Specifying Encoder Output

Enable or disable encoder output as needed. Enabling output enables virtual connector output. For details, contact Canon or your dealer.



Options	^(D) OFF	ON
Description	Output disabled	Output enabled

(D): Default value



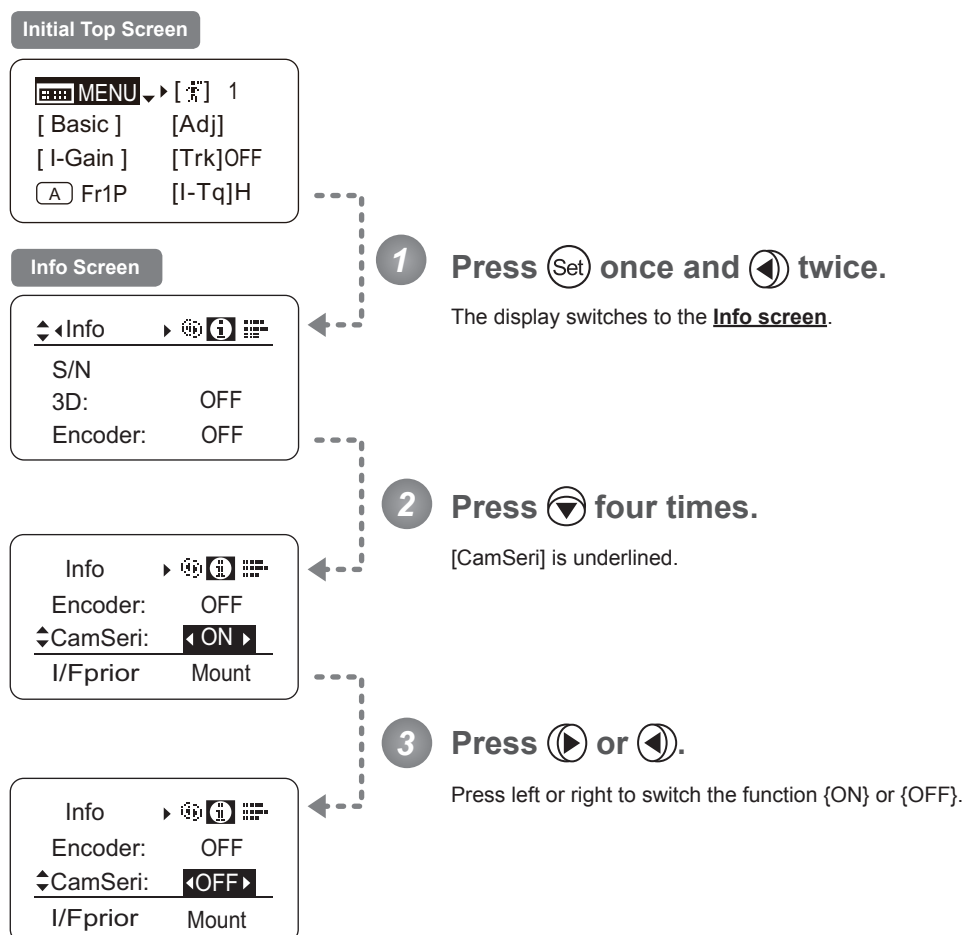


Serial Communication with Camera ON/OFF

Two types of camera–lens interfaces are available: analog control or control via serial communication. This setting enables you to switch between auto control detection and analog control.

By default, this setting is ON, enabling auto detection of whether serial or analog control is used.

To restrict the interface to analog control, set it to OFF.



Options	^(D) ON	OFF
Description	Serial communication with the camera Enabled	Serial communication with the camera Disabled

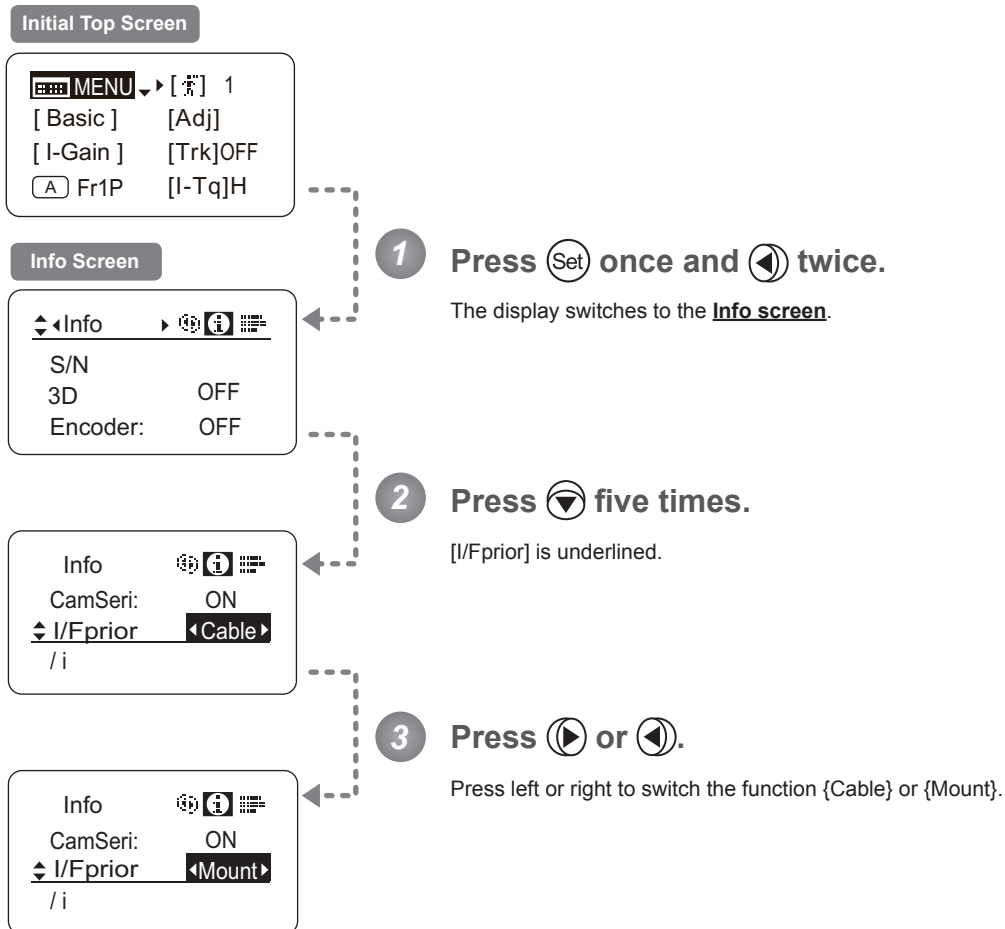
(D): Default value



Specifying the Input Route for Command Signals from the Camera

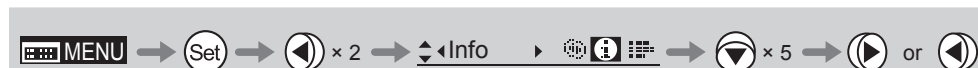
There are two input routes for command signals from the camera: via the mount and via the 12-pin cable. This setting specifies the input route for command signals from the camera. The default setting is “Mount,” and in this case command signals received via the mount are given priority.

However, the command signals via the 12-pin cable are received automatically if no command signals are input via the mount. When the “Cable” setting is selected, only command signals received via the 12-pin cable are used.



Options	^(D) Mount	Cable
Description	Via mount	Via 12-pin cable

(D): Default value



Specifying the $\frac{1}{i}$ Technology Distance Unit

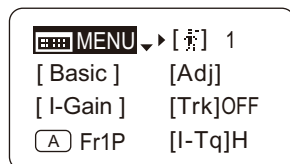
When $\frac{1}{i}$ Technology is used (only when a PL mount camera is attached), it is possible to specify the initial setting for the unit (feet or meters) used to express distances in information sent to the camera. Accordingly, information sent for the actual subject distance, hyperfocal distance, subject distance at close range and infinity, and entrance pupil position is expressed in the specified unit.

Note

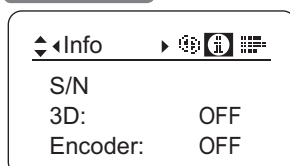
Any distance unit set on the camera takes precedence.

$\frac{1}{i}$ is trademark of Cooke Optics Limited.

Initial Top Screen



Info Screen

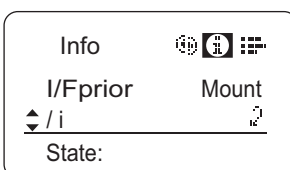


1 Press Set once and $\leftarrow$ twice.

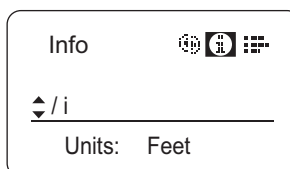
The display switches to the Info screen.

2 Press $\downarrow$ six times.

[$\frac{1}{i}$] is underlined.



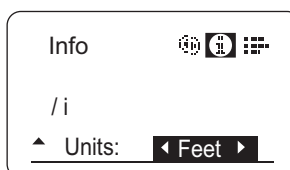
3 Press Set .



4 Press $\downarrow$.

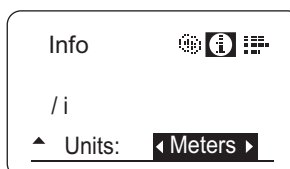
[Units] is underlined.

The previous or default value is highlighted.



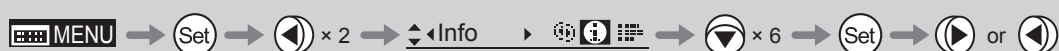
5 Press $\rightarrow$ or $\leftarrow$.

Press left or right to switch the function {Feet} or {Meters}.



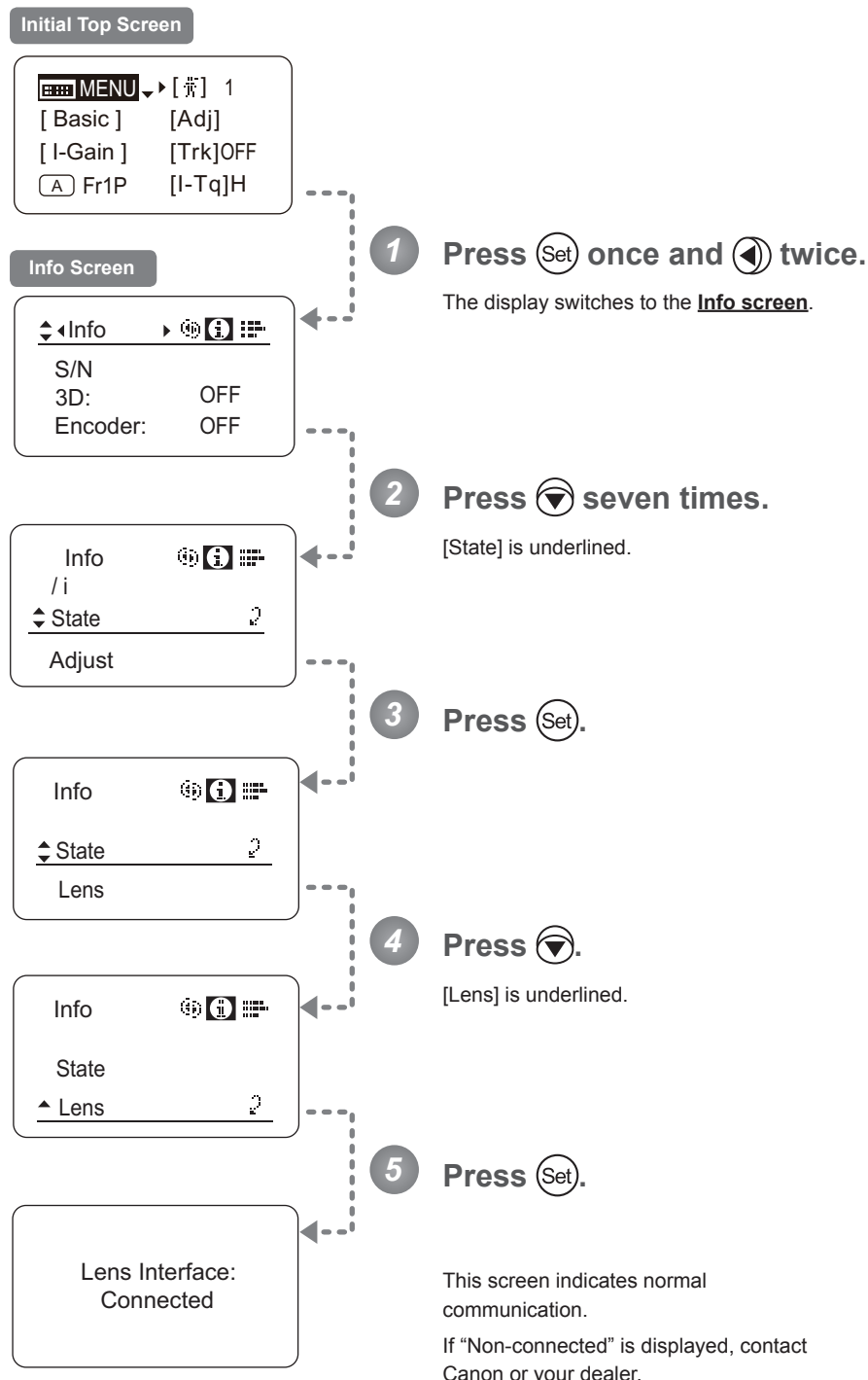
Options	^(D) Feet	Meters
Description	Expressed in feet	Expressed in meters

(D): Default value



Checking Lens–Drive Unit Communication

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



Note: “Non-connected” is displayed when no power is being supplied to the lens from the camera mount.



4.2.8 Fol. Screen Settings

The following setting items can be configured on the **Fol. screen**.

Viewing Lens Follow Settings (Iris, Zoom, Focus)

Viewing Lens Follow Settings (Iris, Zoom, Focus)

Indicates values in the full range of mechanical iris, zoom, and focus operations, expressed as relative values in the range of 0–1000.

Initial Top Screen

MENU ▾ [1

[Basic] [Adj]

[I-Gain] [Trk]OFF

(A) Fr1P [I-Tq]H

Fol. Screen

^◀Fol. ▶ [1

Iris: 1000

Zoom: 0000

Focus: 0000

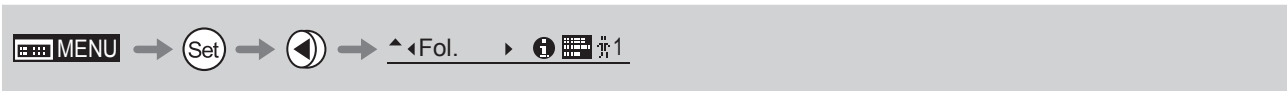
1

Press (Set) and then (◀▶).

The display switches to the **Fol. screen**, showing relative follow iris, zoom, and focus values.

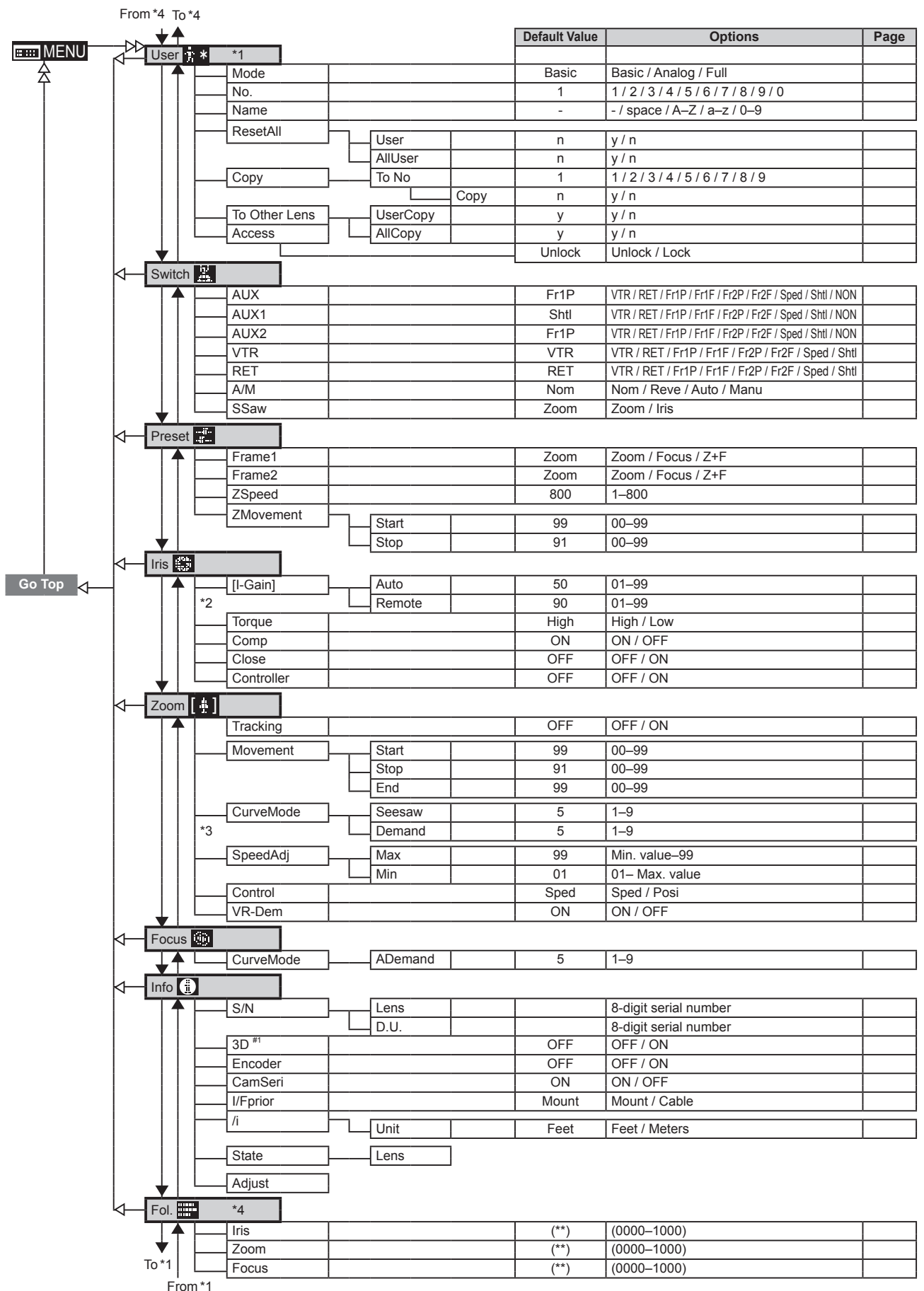
Note:

As long as the **Fol. screen** is shown, the display will not turn off automatically after 2 minutes if left idle. To turn off the display, press the Display switch.



4.3 List of Settings

	Default Value	Options	Page
Top			
MENU		To *1 on the next page	
[]	1	1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 0	
[Basic]	Basic	Basic	
[Adj]	n	n / y	
[I-Gain]			
		To *2 on the next page	
[Trk]	OFF	OFF / ON	
(A)	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
[I-Tq]	H	H / L	
(A 1)	Shtl	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
(V)	VTR	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl	
(A 2)	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
(R)	RET	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl	
[Z.M.]			
		To *3 on the next page	
(thalt)	Zoom	Zoom / Iris	
(AM)	Norm	Norm / Reve / Auto / Manu	
Escape Operation	Jump to user 0 setting status	Hold down both the Display switch and Set key for at least 2 seconds.	



⏪ : Set key operation	⏩ : Right key operation
⏴ : Up key operation	⏶ : Left key operation

() : Indicates values that cannot be changed.
#1 : For information on specifying the 3D communication, see the "3D Cable Instruction Manual."

Memo

5

Operation in Analog Mode

5. Operation in Analog Mode

5.1 Configuration from the Top Screen

To access the **Top screen**, press the Display switch.

A total of 3 items can be configured on the **Top screen** in Analog mode. The first screen displayed is referred to as the **Initial Top screen**. Status of some items can be checked simply by accessing this screen.

Initial Top Screen in Analog Mode

A screenshot of the Initial Top Screen in Analog Mode. It features a black background with white text. At the top left, there is a small icon of a keypad followed by the word 'MENU' in a bold, sans-serif font. To the right of 'MENU' is a small downward-pointing arrow and a rightward-pointing arrow, followed by the text 'IG: 50'. Below this, the text '[Basic]' is displayed in a smaller font.

MENU ▾ ▸ IG: 50
[Basic]

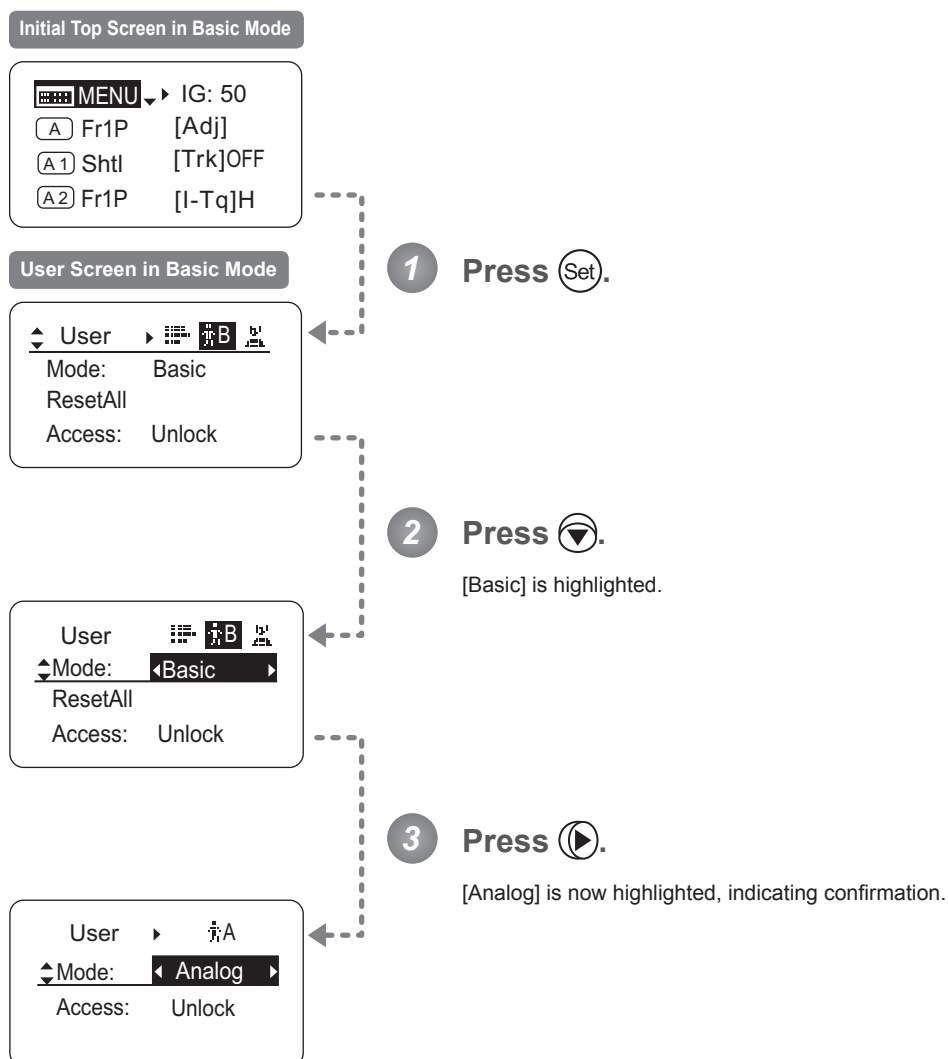
5.1.1 Selecting Analog Mode

Basic mode is the default mode, but Analog mode can be accessed as follows.

Use this mode for operation of a conventional analog drive unit. Digital functions are not available in this mode.

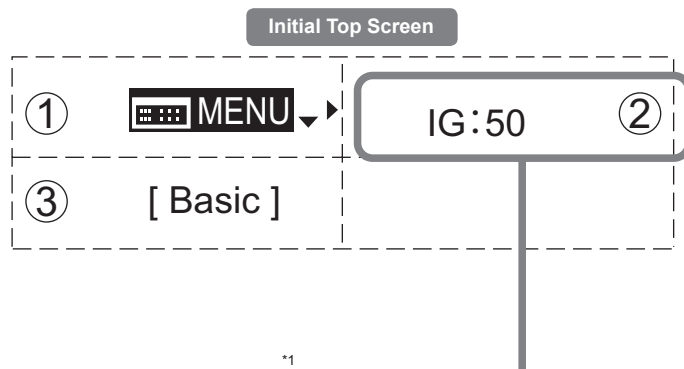
- Switches labeled VTR, RET, IRIS A/M, and IRIS INST control the respective functions. The rocker switch serves as a regular zoom switch.
- AUX and MEMO switches are disabled.
- To set auto iris gain adjustment, use either display or trimmer operations.
- Shuttle shot, frame preset, speed preset, and zoom tracking are not available.

Switching from Basic to Analog Mode



5.1.2 Top Screen

A total of 3 items can be configured on the **Top screen** in Analog mode, as shown on the **Initial Top screen**. Status of some items can be checked simply by accessing this screen. (Shown in the figure below.^{*1})



^{*1}

Inside : Items that show the current setting status.
Example: [IG:50] indicates a value of 50 for auto iris gain.

① **Menu screen**

See “5.2 Configuration from the Menu Screen.”

② **IG Auto iris gain**

Adjust the auto iris gain value as needed.

See “5.1.3 Specifying Auto Iris Gain.”

③ **[Basic] Switching to Basic Mode**

Switch to Basic mode as needed.

See “5.1.4 Switching to Basic Mode.”

5.1.3 Specifying Auto Iris Gain

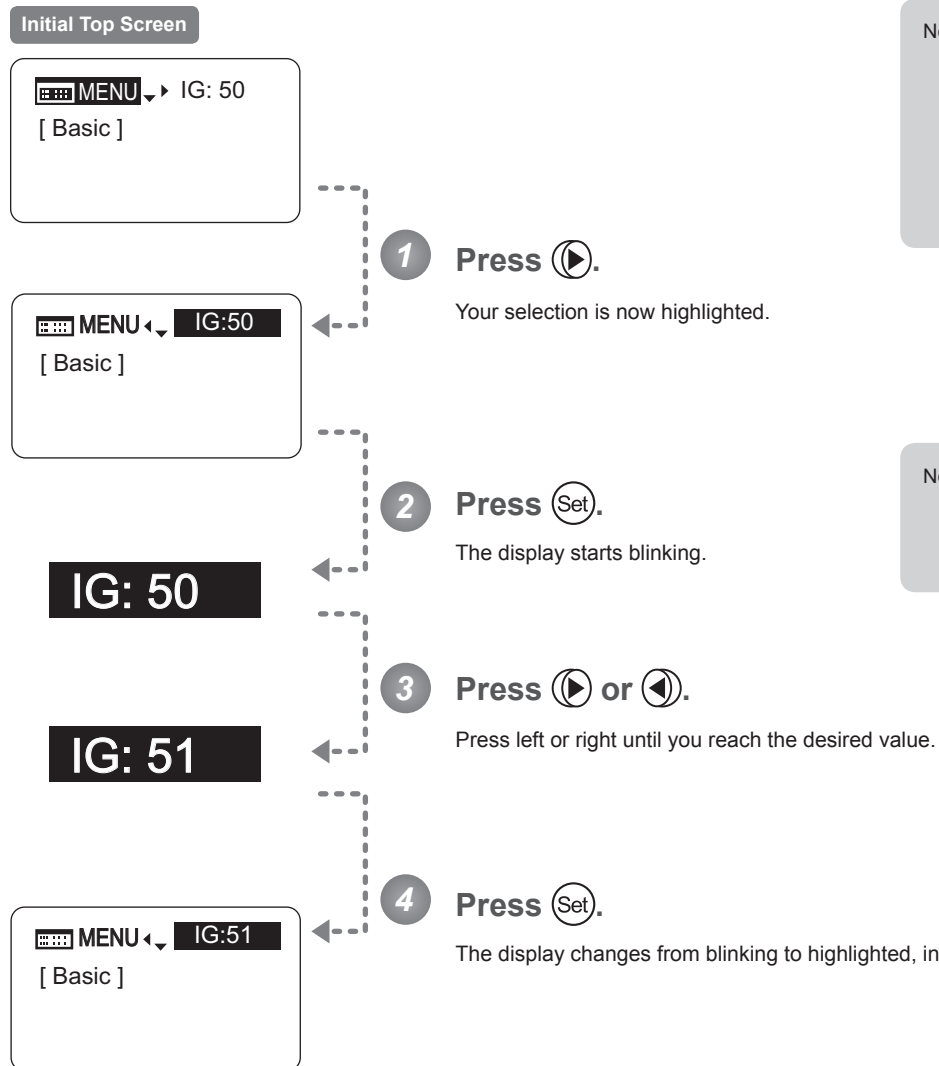
[IG]

Although this value is factory-set, it can be adjusted as needed.

To adjust the value, use either the auto iris gain adjustment trimmer (refer to the Lens Manual) or display operations.

Regardless of the method of adjustment used, the most recent setting takes precedence.

The same auto iris gain value applies to all users.



Note: Do the following when adjusting gain while checking iris operation.

- Confirm that the drive unit A/M switch is set to [Auto] mode.
- Set the camera iris mode to [Auto].

Note: As you look at the lens iris ring, set it to the position of maximum gain at which "focus hunting" does not occur.

Options	01	to	99
Description	Minimum gain		Maximum gain

Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.



5.1.4 Switching to Basic Mode

[Basic]

Switch to Basic mode from the Top screen as needed.

Switching from Analog to Basic Mode

Initial Top Screen in Analog Mode

MENU ▾ IG: 50
[Basic]

1 Press .
[Basic] is highlighted.

MENU IG: 50
[Basic] ▸

2 Press .

The mode switches, and the Initial Top screen in Basic mode is displayed.

Initial Top Screen in Basic Mode

MENU ▾ IG: 50
[A] Fr1P [Adj]
[A1] Shtl [Trk]OFF
[A2] Fr1P [I-Tq]H



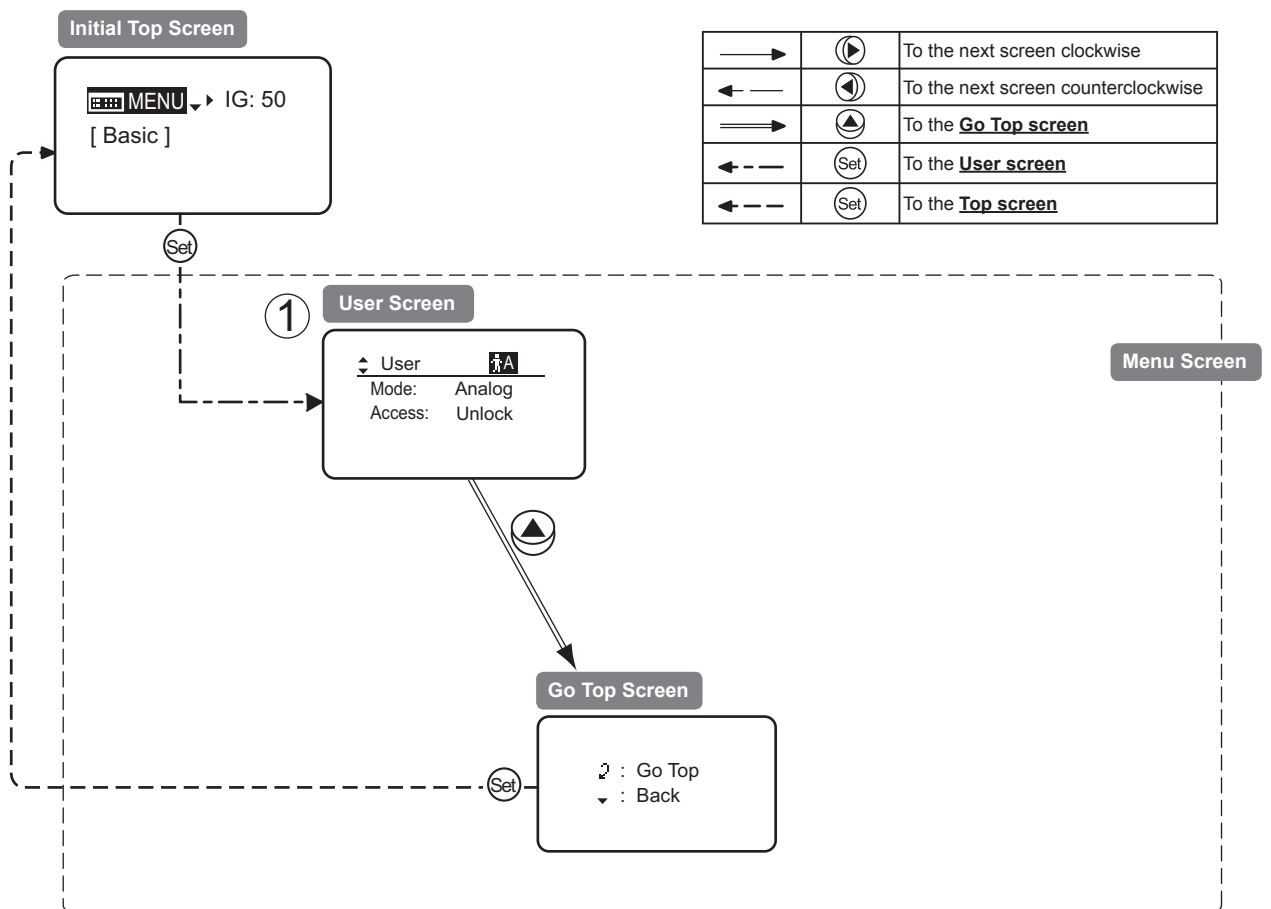
5.2 Configuration from the Menu Screen

In Analog mode, you can view and configure 2 setting items from the **Menu screen**.*

From the **Menu screen** in Analog mode, you can access a **User screen**.

Select [MENU] on the **Top screen** and press the Set key to access the **User screen**. (See the following figure.)

*: There is no single **Menu screen**. Instead, screens accessed by selecting [MENU] and pressing the Set key are collectively referred to as the **Menu screen**.



① User Screen..... 5.2.1

5.2.1 User Screen Settings

The following setting items can be configured on the User screen.

Switching Modes
Locking Functions

User Screen in Analog Mode

↕◀User	▶A
Mode:	Analog
Access:	Unlock

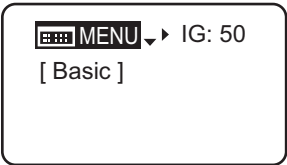
Switching Modes

Switch to Basic or Full mode, as needed.

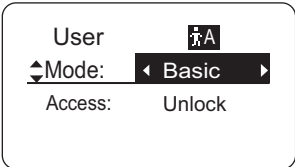
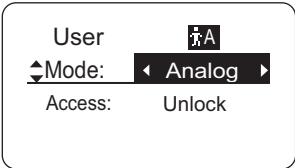
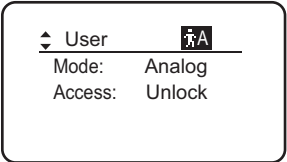
Important

The new mode setting is retained even after the lens is turned off.

Initial Top Screen



User Screen



1 Press . The display switches to the User screen.

2 Press . [Mode] is underlined. The previous mode is highlighted.

3 Press or . Press left or right until you reach the desired mode.

Options	^(D) Basic	Full	Analog
Save Settings	Basic Mode	Full Mode	Analog Mode

(D): Default value

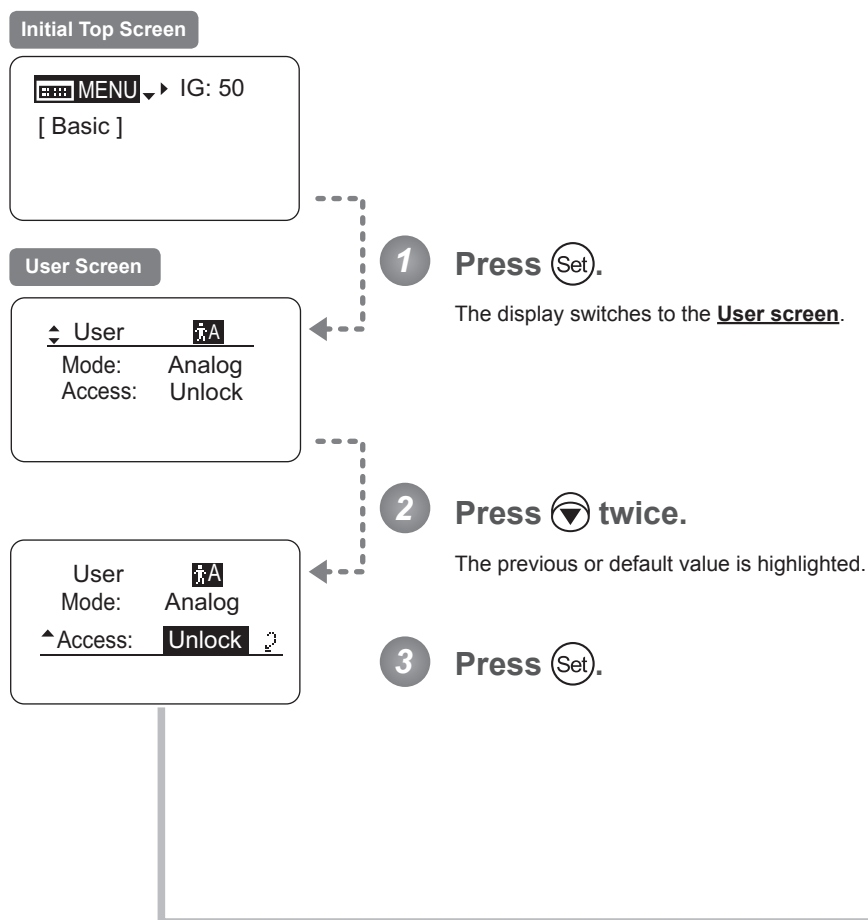


Locking Functions

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.

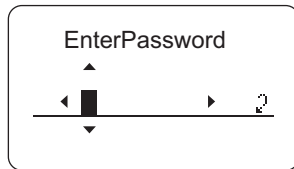
Two display operations are available in Analog mode: auto iris gain adjustment and user switching. However, you cannot switch users when functions are locked, because this function is also locked. Unlocking functions requires the password used to lock them.

(1) Locking Settings



Continued on next page

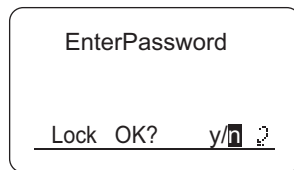
Continued from previous page



4 Enter the password and press **Set**.

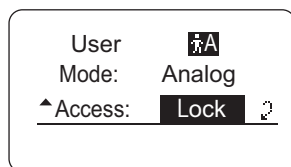
Entering Passwords

Press up/down to find characters and left/right to move the cursor or make corrections. Be careful not to press the Set key until you are finished entering the password.



5 Press **Left Arrow** and then **Set**.

The settings are now locked.



Note

Passwords

No master password is used on this model. The password you enter each time to lock settings is the password used to unlock them. For this reason, we recommend making a note of the password each time. If you forget the password, contact Canon or your dealer. Passwords can be blank or up to 8 digits.

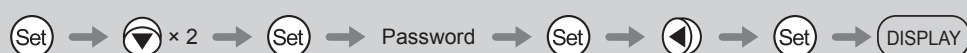
Characters supported in passwords

Options	^(D) _-ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789
Max. Digits	8

(D) : Default value
_ : Space

Options	^(D) Unlock	Lock
---------	-----------------------	------

(D): Default value



(2) Unlocking Settings

Initial Top Screen

MENU ▾ IG: 50
[Basic]

User Screen

↕ User A
Mode: Analog
Access: Lock

1 Press .

The display switches to the User screen.

2 Press twice.

The previous or default value is highlighted.

User A
Mode: Analog
↕ Access: **Lock** ↵

3 Press .

EnterPassword

◀ ▶ ↵

4 Enter the password and press .

Entering Passwords

Press up/down to find characters and left/right to move the cursor or make corrections.
Be careful not to press the Set key until you are finished entering the password.

EnterPassword

Unlock OK? y/n ↵

5 Press and then .

The settings are now unlocked.

User A
Mode: Analog
↕ Access: **Unlock** ↵

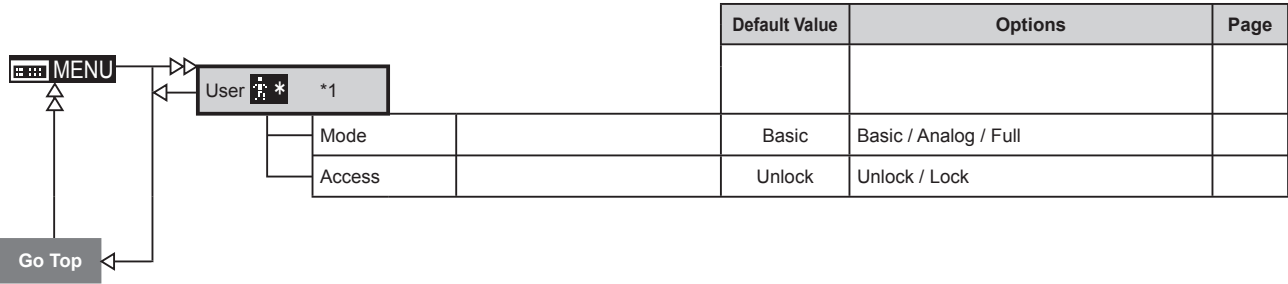
Options	^(D) Unlock	Lock
---------	-----------------------	------

(D): Default value

→ × 2 → → Password → → → →

5.3 List of Settings

		Default Value	Options	Page
Top				
	MENU		To *1 on the next page	
	IG	50	01–99	
	[Basic]		Basic	
Escape Operation		Jump to user 0 setting status	Hold down both the Display switch and Set key for at least 2 seconds.	



Default Value	Options	Page
Basic	Basic / Analog / Full	
Unlock	Unlock / Lock	

⬅ : Set key operation	⬇ : Right key operation
⬅ : Up key operation	⬆ : Left key operation