

## BCTV Zoom Lens

# INFORMATION DISPLAY

取扱説明書（情報ディスプレイ編）

OPERATION MANUAL (DISPLAY)

使用说明书（信息显示屏汇编）

ご使用の前に必ずこの取扱説明書をお読みください。

なお、取扱説明書は必要に応じてご覧になれるよう大切に保管してください。

この取扱説明書は IRSE S・IASE S および IASE-C S などのレンズにご使用になれます。

Read this operation manual before using the product.

Keep the manual in place for future reference.

This operation manual refers to the IRSE S, the IASE S and IASE-C S, etc.

在使用本产品之前，请务必先仔细阅读本使用说明书。

请务必妥善保管好本书，以便日后能随时查阅（保留备用）。请在充分理解内容的基础上，正确使用。本使用说明书可用于 IRSE S、IASE S、IASE-C S。



# ENGLISH

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# Introduction

Thank you for purchasing a Canon BCTV zoom lens.

Documentation includes the Lens Manual, Information Display CD-ROM, and Pocket Guide.

This Information Display Manual describes operating instructions and procedures for the information display. Refer to the manual as needed.

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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.

 <b>Warning</b>	Indicates a potentially hazardous situation that poses a risk of serious injury or death. Always observe warnings to ensure safe use.
 <b>Caution</b>	Indicates a potentially hazardous situation that poses a risk of injury or damage. Always observe precautions to ensure safe use.
<b>Note</b>	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

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### 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

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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

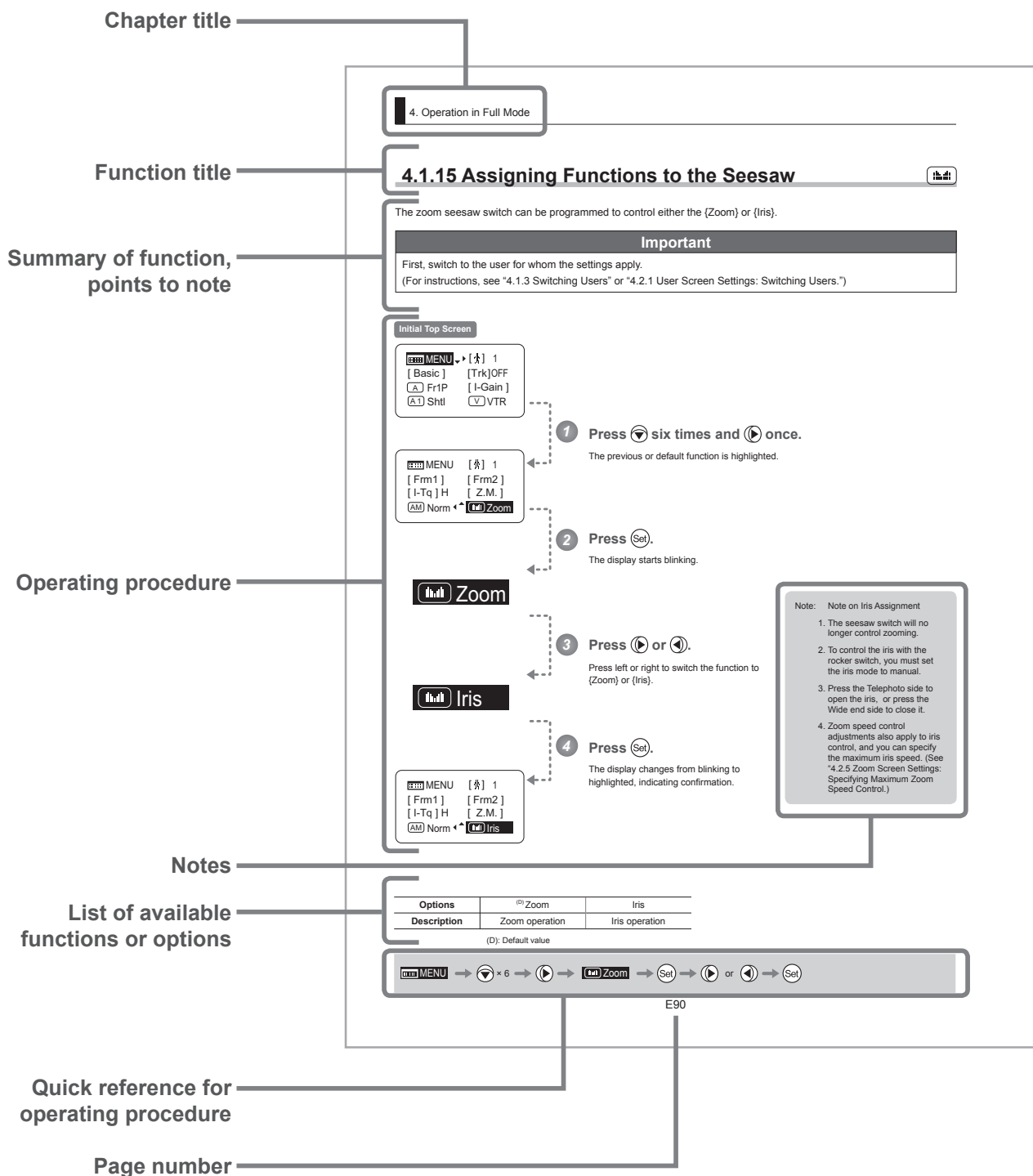
### **Canon Europe Ltd.**

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

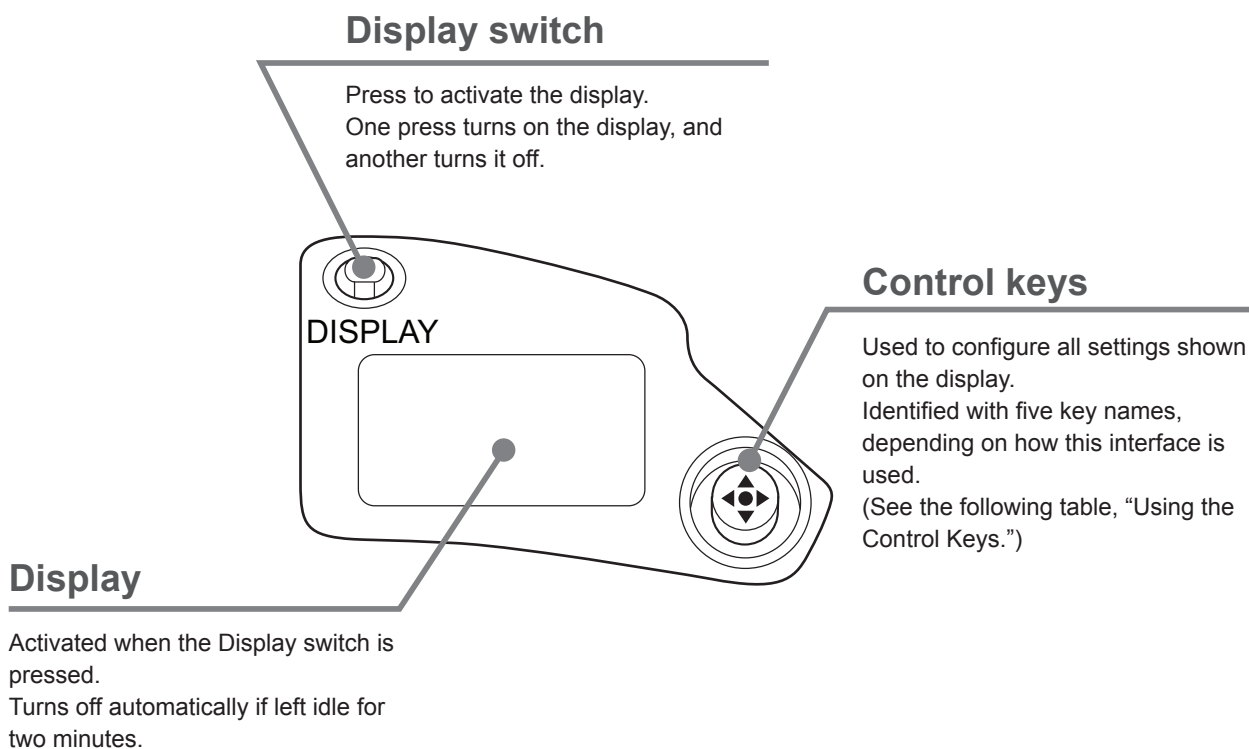
The following conventions are used in this manual.

Convention	Description	Example
"R" Type	IRSE S lenses are identified as "R" type lenses.	With "R" type lenses
"A" Type	IASE S lenses are identified as "A" type lenses.	"A" type lenses only
** <b>screen</b>	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 {Sped}.
















Lens Type	Operation	Mode
"R" Type	Zoom	Manual or Servo
	Focus	Manual
"A" Type	Zoom	Manual or Servo
	Focus	Manual or Servo

## Part Names

### Part Names and Functions



### Using the Control Keys

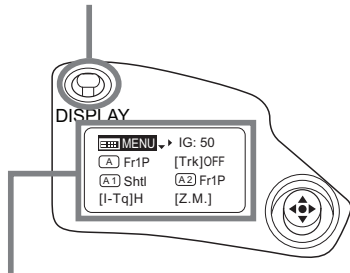
Key	Operation	Details	Manual Convention
Set key	Press 	Pressed when {  } is displayed, or when entering a selection.	
Right key	Move right 	Can be used when {  } is displayed.	
Left key	Move left 	Can be used when {  } is displayed.	
Up key	Move up 	Can be used when {  } is displayed.	
Down key	Move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

# Basic Sequence of Operations

**1** Turn on the lens.

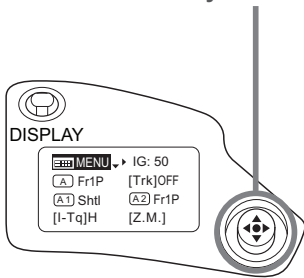
Note: For instructions on turning the lens on, refer to the camera manual.

**2** Press the Display switch.



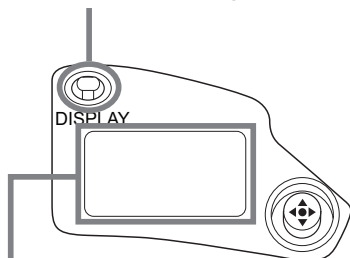
The display is now illuminated.

**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.

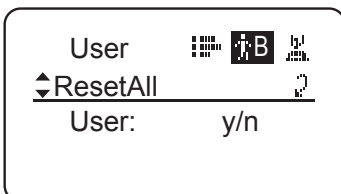
When the display is deactivated manually, changes to settings are saved and the display is turned off.

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

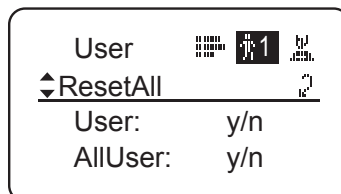
## Important

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

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# 1. Screen Organization

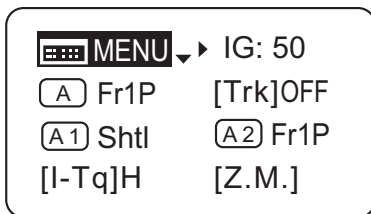
Screens contain 19 setting items in Basic mode, 34 in Full mode, and 3 in Analog mode, with Basic and Full modes also including a “follow” screen containing three setting items that have relative values. To access frequently used items on the **Top screen**, press the Display switch. All settings can 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 8 setting items in Basic mode, 14 in Full mode, and 3 in Analog mode.

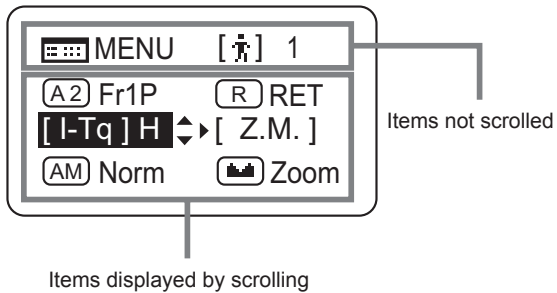
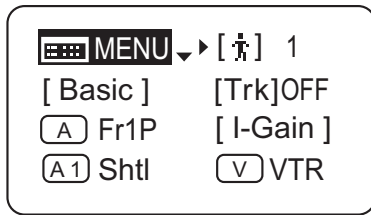
### Initial Top Screen in Basic Mode



### Top Screen in Basic Mode

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

## Initial Top Screen in Full Mode



## Top Screen in Full Mode

Of the 14 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. Zoom tracking ON/OFF
5. AUX switch assignment
6. Iris gain settings
7. AUX1 switch assignment
8. VTR switch assignment
9. AUX2 switch assignment
10. RET switch assignment
11. Iris torque settings
12. Zoom curve mode settings
13. Iris A/M switch setting
14. Seesaw switch assignment

## 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

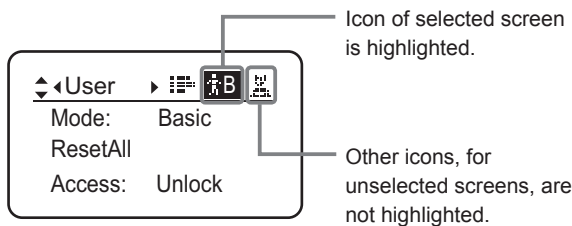
(For instructions on configuring the settings, see the “Menu Screen” section in the descriptions of each mode.)









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**.<sup>1</sup>

### Menu Screen in Basic Mode

In Basic mode, the 19 setting items and three “follow” settings with relative values are organized by function into the following 8 screens.

(“R” type lenses have 7 screens.)




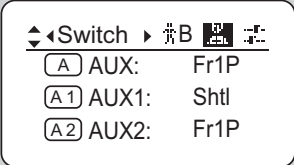
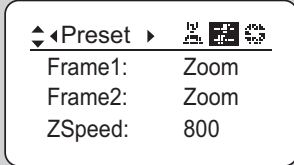
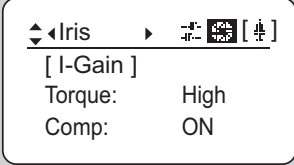
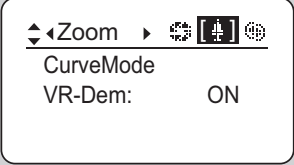
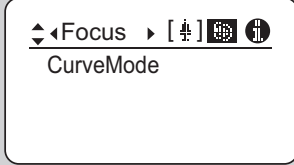
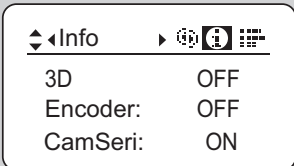
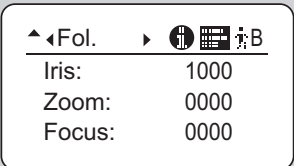
1. User screen 
2. Switch screen 
3. Preset screen 
4. Iris screen 
5. Zoom screen 
6. Focus screen<sup>2</sup> 
7. Info screen 
8. Fol. screen 

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

<sup>2</sup>: Not shown in “R” type lenses.

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.

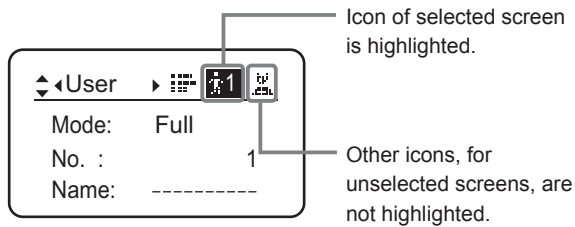
### Menu Screen in Basic Mode









<p><b>User screen</b></p> 	<p><b>Switch screen</b></p> 	<p><b>Preset screen</b></p> 
<p><b>Iris screen</b></p> 	<p><b>Zoom screen</b></p> 	<p><b>Focus screen</b></p> 
<p><b>Info screen</b></p> 	<p><b>Fol. screen</b></p> 	

## Menu Screen in Full Mode

In Full mode, the 34 setting items and three “follow” settings with relative values are organized by function into the following 8 screens.

(“R” type lenses have 7 screens.)



1. User screen 
2. Switch screen 
3. Preset screen 
4. Iris screen 
5. Zoom screen 
6. Focus screen<sup>\*2</sup> 
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**.

\*2: Not shown in “R” type lenses.

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 ▶  

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 ▶  

3D: OFF

Encoder: OFF

CamSeri: ON

**Fol. screen**

◀Fol. ▶   1

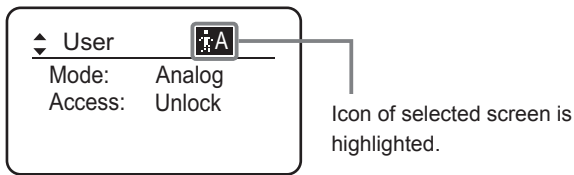
Iris: 1000

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:** This mode is selected when the digital functions are not used at all.

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



# 3

## Operation in Basic Mode

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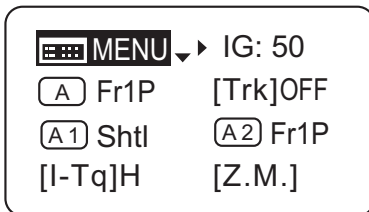
## 3. Operation in Basic Mode

### 3.1 Configuration from the Top Screen

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

A total of 8 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.

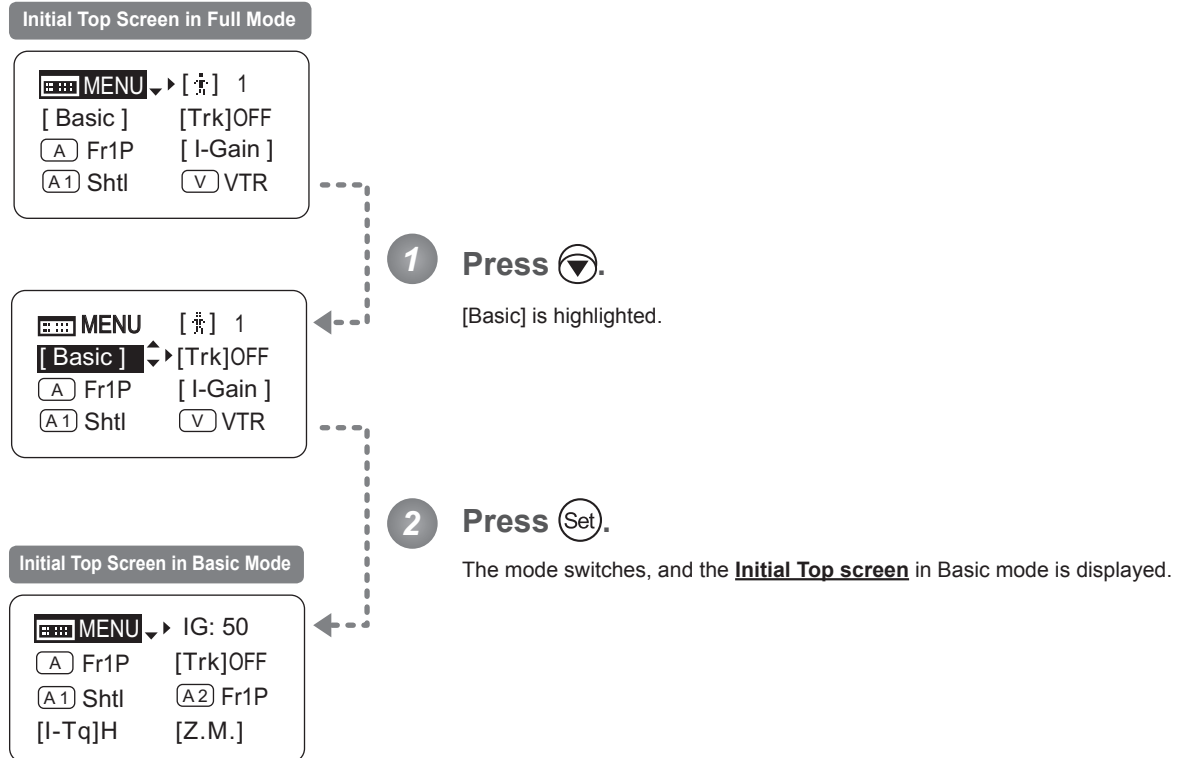
#### Initial Top Screen in Basic Mode



### 3.1.1 Selecting Basic Mode

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

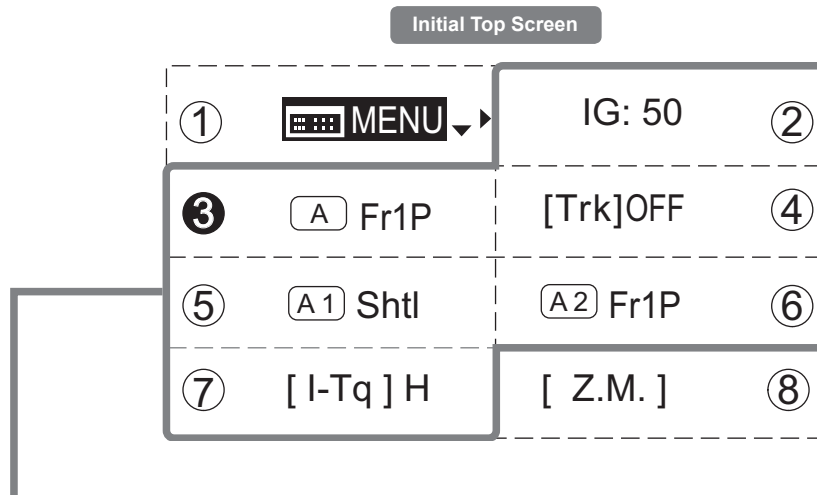
#### Switching from Full to Basic Mode




## 3.1.2 Top Screen


A total of 8 items can be configured on the **Top screen** in Basic mode, and these items are configured on the **Initial Top screen**. (See the following figure.)

Status of some items can be checked simply by accessing this screen. (Shown in the figure below.<sup>\*1</sup>)

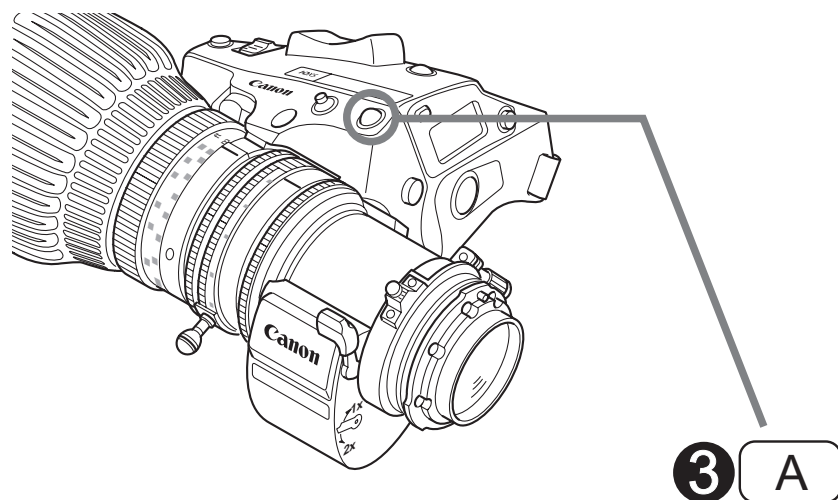


\*1

Inside  : Items that show the current setting status.

Example:  Shtl indicates that the AUX1 switch is assigned to the Shuttle function.

- ③: White numbers against a black background indicate the number of the switch on a drive unit to which the function is assigned. See the following lens illustration.



Actual forms may vary depending on models and specifications.

---

**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 “3.1.5 Assigning Functions to the AUX Switch.”

---

**④** **[Trk] Zoom tracking**

Switch to ON when using zoom tracking.

See “3.1.4 Zoom Tracking ON/OFF.”

---

**⑤** **A1 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** **A2 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 “3.1.7 Assigning Functions to the AUX2 Switch.”

---

**⑦** **[I-Tq] Iris torque**

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

See “3.1.8 Specifying Iris Torque.”

---

**⑧** **[Z.M.] Zoom curve mode**

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

See “3.1.9 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.

**Initial Top Screen**

MENU ▾ IG: 50

(A) Fr1P [Trk]OFF

(A1) Shtl (A2) Fr1P

[I-Tq]H [Z.M.]

**Screen A**

MENU ▾ **IG: 50**

(A) Fr1P [Trk]OFF

(A1) Shtl (A2) Fr1P

[I-Tq]H [Z.M.]

**IG: 50**

**IG: 51**

MENU ▾ **IG: 51**

(A) Fr1P [Trk]OFF

(A1) Shtl (A2) Fr1P

[I-Tq]H [Z.M.]

**1 Press** .

Your selection is now highlighted.

**2 Press** .

The display starts blinking.

**3 Press** or .

Press left or right until you reach the desired value.

**4 Press** .

The display changes from blinking to highlighted, indicating confirmation.

**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.

<b>Options</b>	01	to	99
<b>Description</b>	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 Zoom Tracking ON/OFF

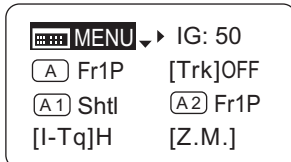
[Trk]

Activate or deactivate zoom tracking as needed.

### Important

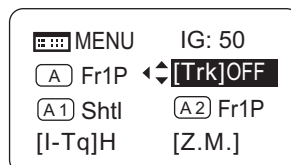
In Basic mode, any adjustments to this setting are not retained when the lens is turned off, and the default value is restored on startup.

#### Initial Top Screen



1 Press and then .

The default setting is highlighted.



2 Press .

The display starts blinking.

[Trk]OFF

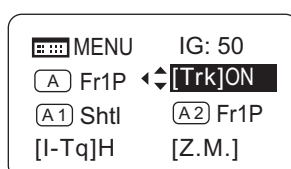
3 Press or .

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	<sup>(D)</sup> OFF	ON
---------	--------------------	----

(D): Default value

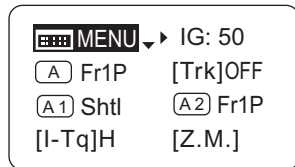


### 3.1.5 Assigning Functions to the AUX Switch

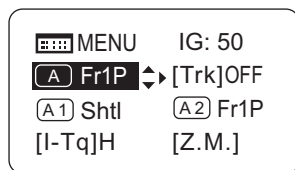
A

Assign your desired functions to the AUX switch.

**Initial Top Screen**



**1 Press** .  
The default function is highlighted.



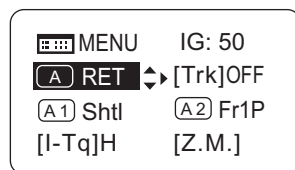
**2 Press** .  
The display starts blinking.



**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	<sup>(D)</sup> 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

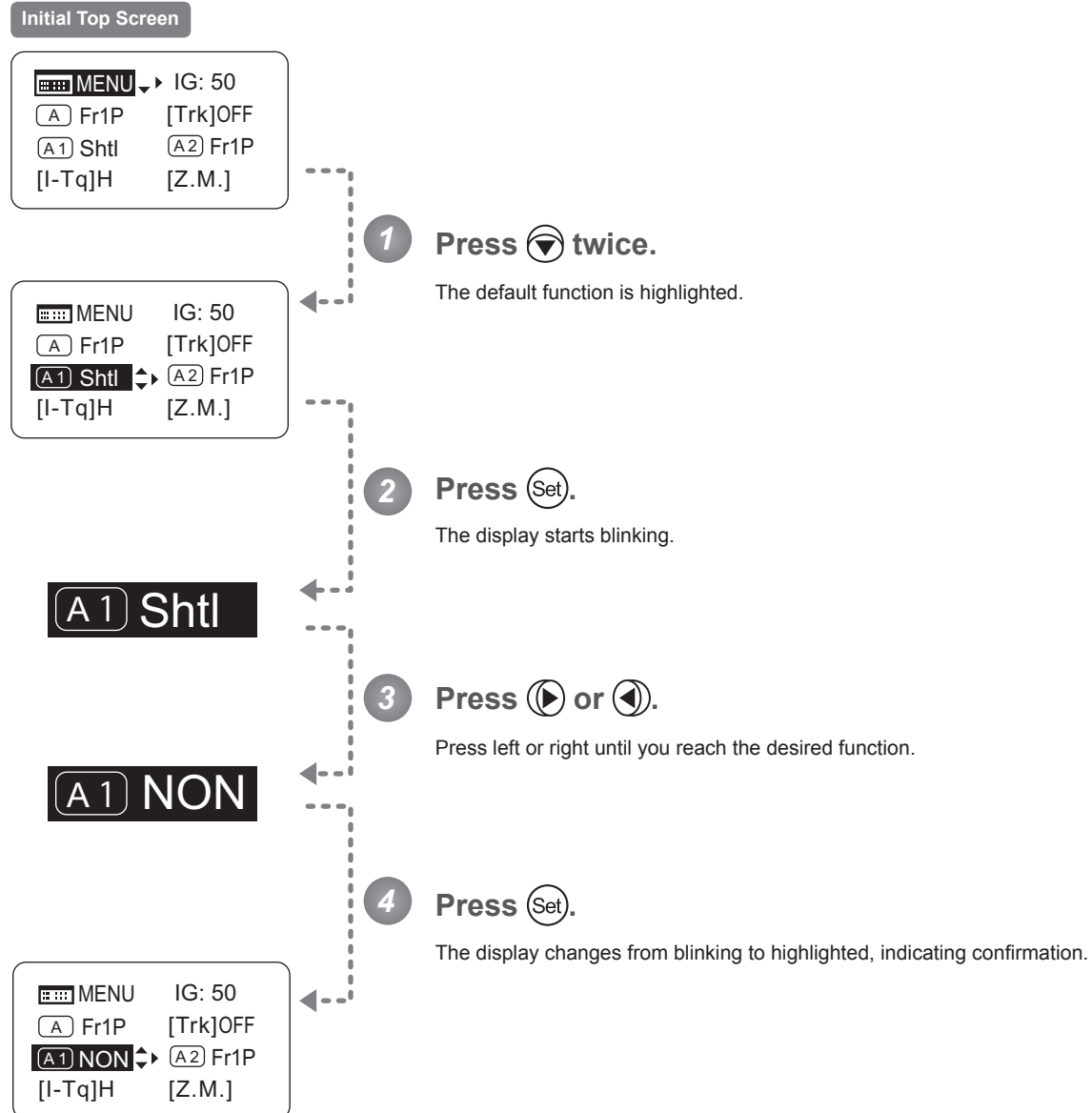




## 3.1.6 Assigning Functions to the AUX1 Switch

A1

Assign your desired functions to the AUX1 switch.



Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	<sup>(D)</sup> 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

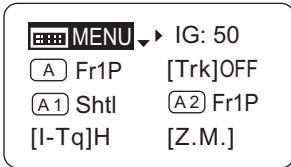


### 3.1.7 Assigning Functions to the AUX2 Switch

A2

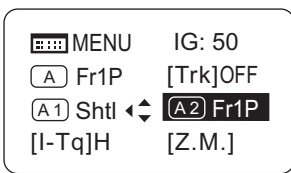
Assign your desired functions to the AUX2 switch.

**Initial Top Screen**



**1** Press twice and once.

The default function is highlighted.



**2** Press .

The display starts blinking.



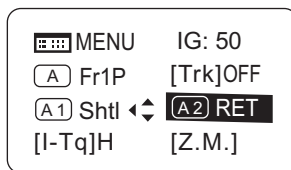
**3** Press or .

Press left or right until you reach the desired function.



**4** Press .

The display changes from blinking to highlighted, indicating confirmation.



Options	<sup>(D)</sup> 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

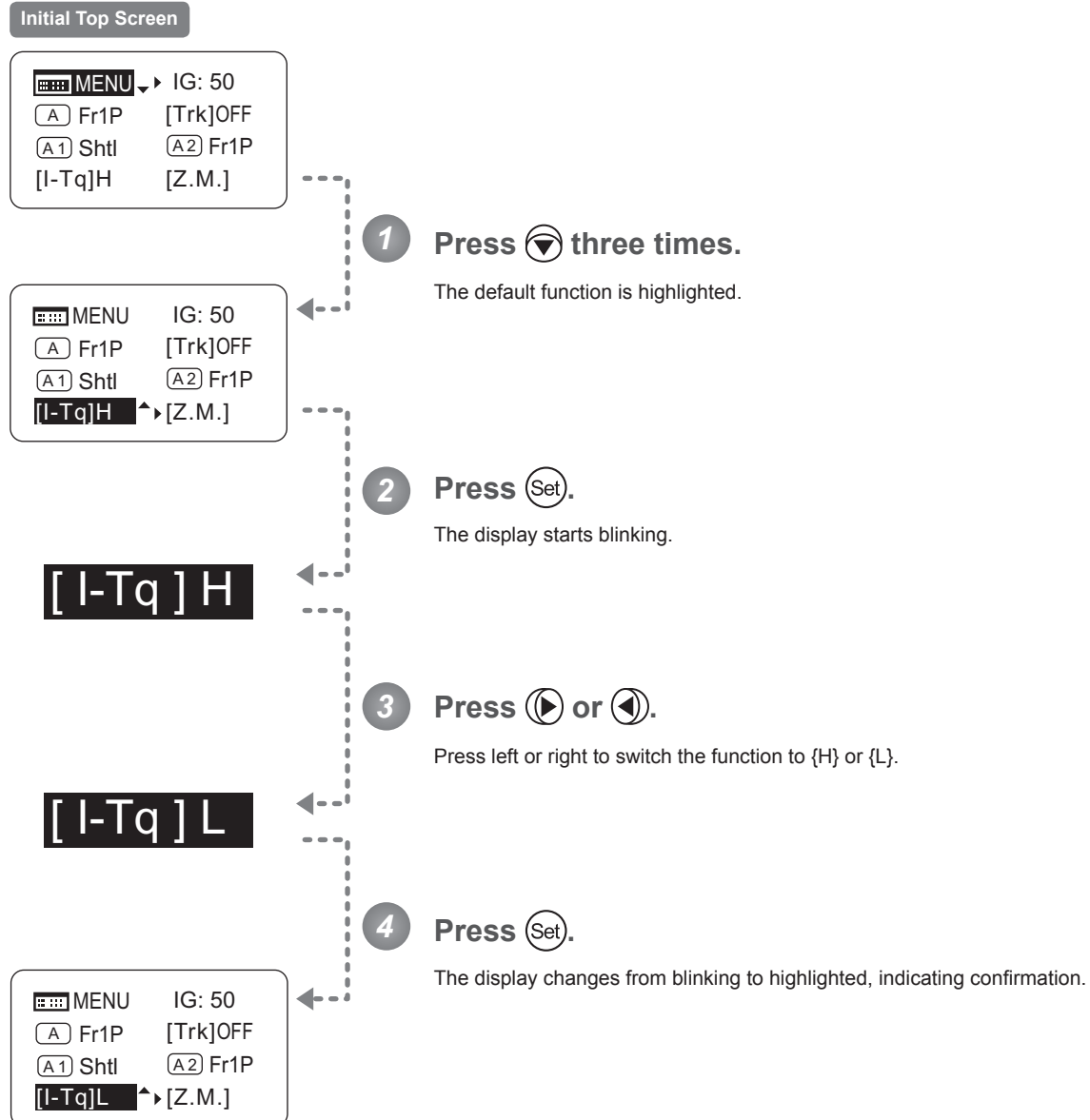
(D): Default value



## 3.1.8 Specifying Iris Torque

[I-Tq]

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



Options	<sup>(D)</sup> H	L
Description	High torque	Low torque

(D): Default value



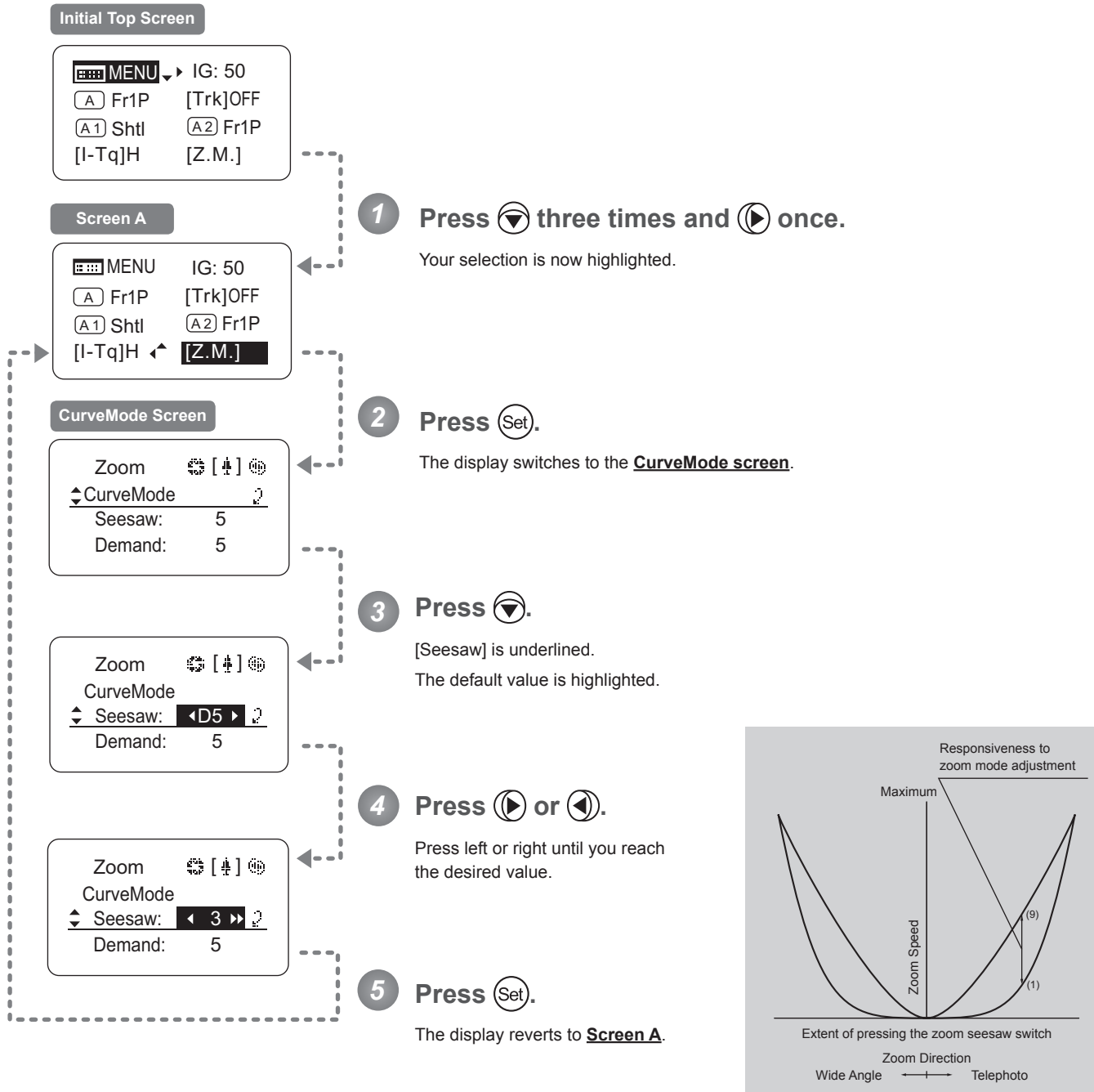
### 3.1.9 Specifying Zoom Curve Mode

[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.)



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

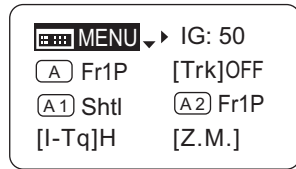
(D): Default value



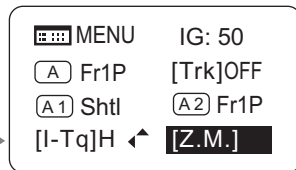
## Specifying Analog Demand Responsiveness

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.)

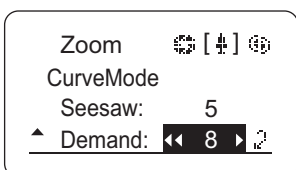
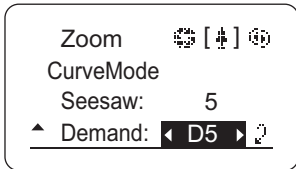
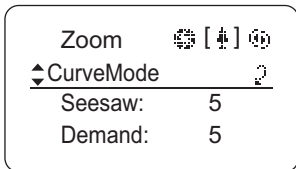
### Initial Top Screen



### Screen A



### CurveMode Screen



**1** Press three times and once.

Your selection is now highlighted.

**2** Press .

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

**3** Press twice.

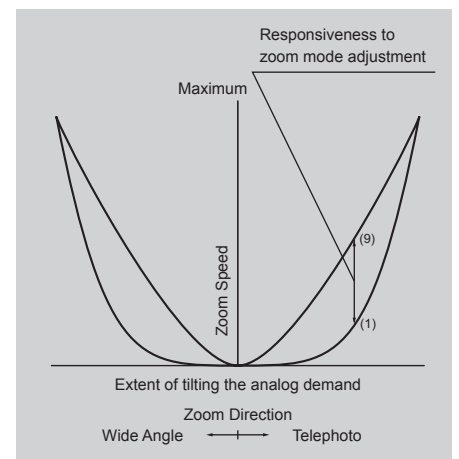
[Demand] is underlined.  
The default value is highlighted.

**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



## 3.2 Configuration from the Menu Screen

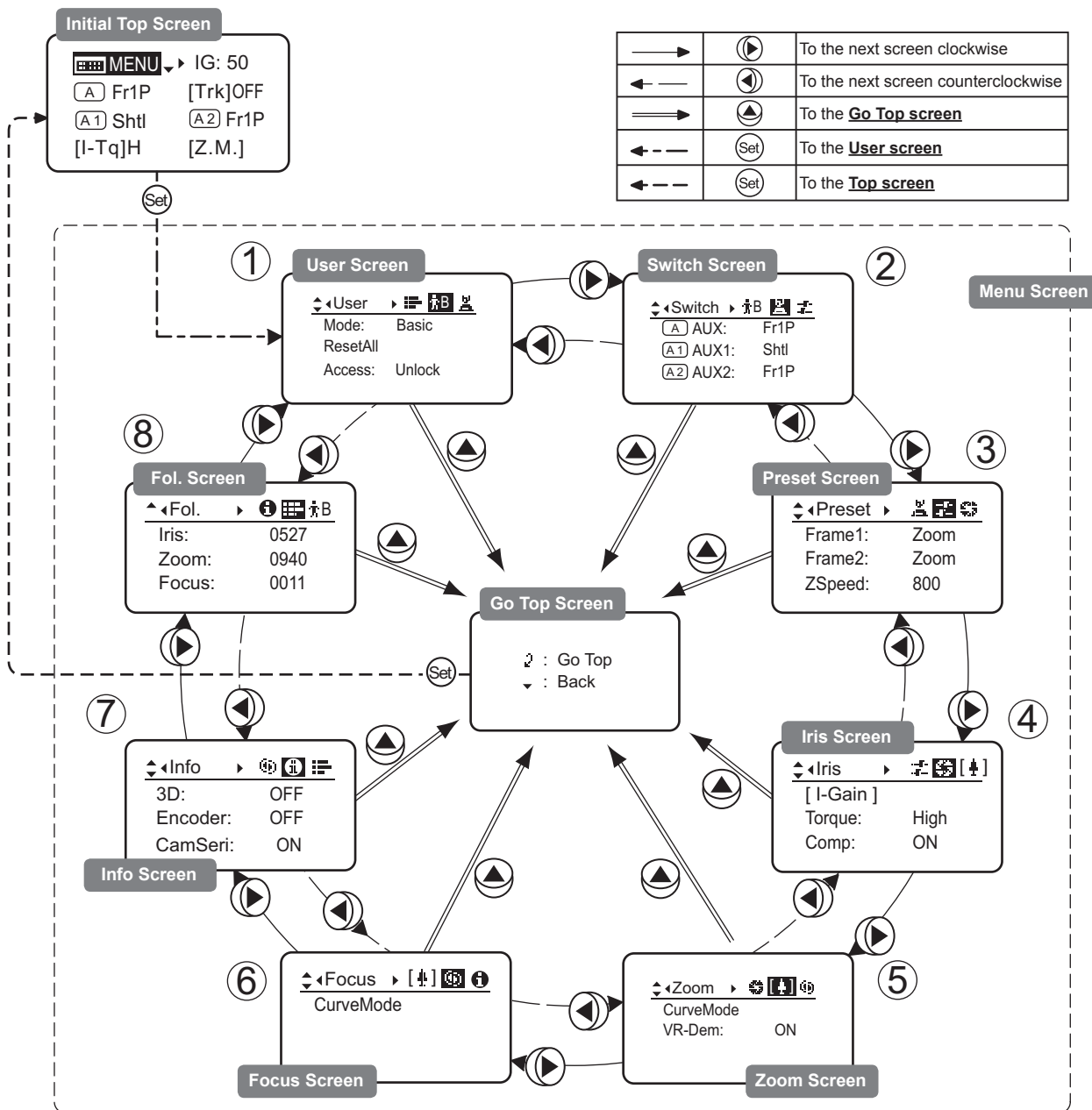
In Basic mode, you can view and configure 19 setting items and a “follow” screen with three setting items that have relative values from the **Menu screen**.\*

Specifically, the **Menu screen** in Basic mode is organized into 8 (or for “R” type lenses, 7) screens by function: **User screen**, **Switch screen**, **Preset screen**, **Iris screen**, **Zoom screen**, **Focus screen** (only for “A” type lenses), **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**.



①	User Screen.....	3.2.1
②	Switch Screen.....	3.2.2
③	Preset Screen.....	3.2.3
④	Iris Screen.....	3.2.4
⑤	Zoom Screen.....	3.2.5
⑥	Focus Screen.....	3.2.6
⑦	Info Screen.....	3.2.7
⑧	Fol. Screen.....	3.2.8

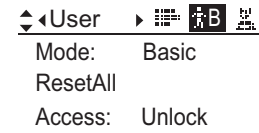
## 3.2.1 User Screen Settings




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

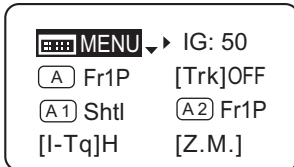
## Switching Modes

Switch to Full or Analog mode as needed.

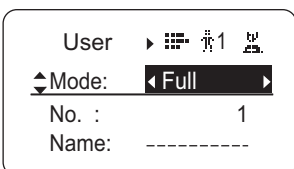
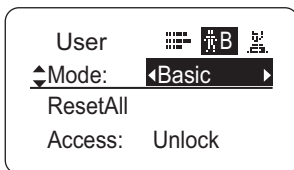
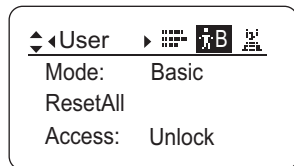
### Important

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

#### Initial Top Screen



#### 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	<sup>(D)</sup> Basic	Full	Analog
Save Settings	Basic Mode	Full Mode	Analog Mode

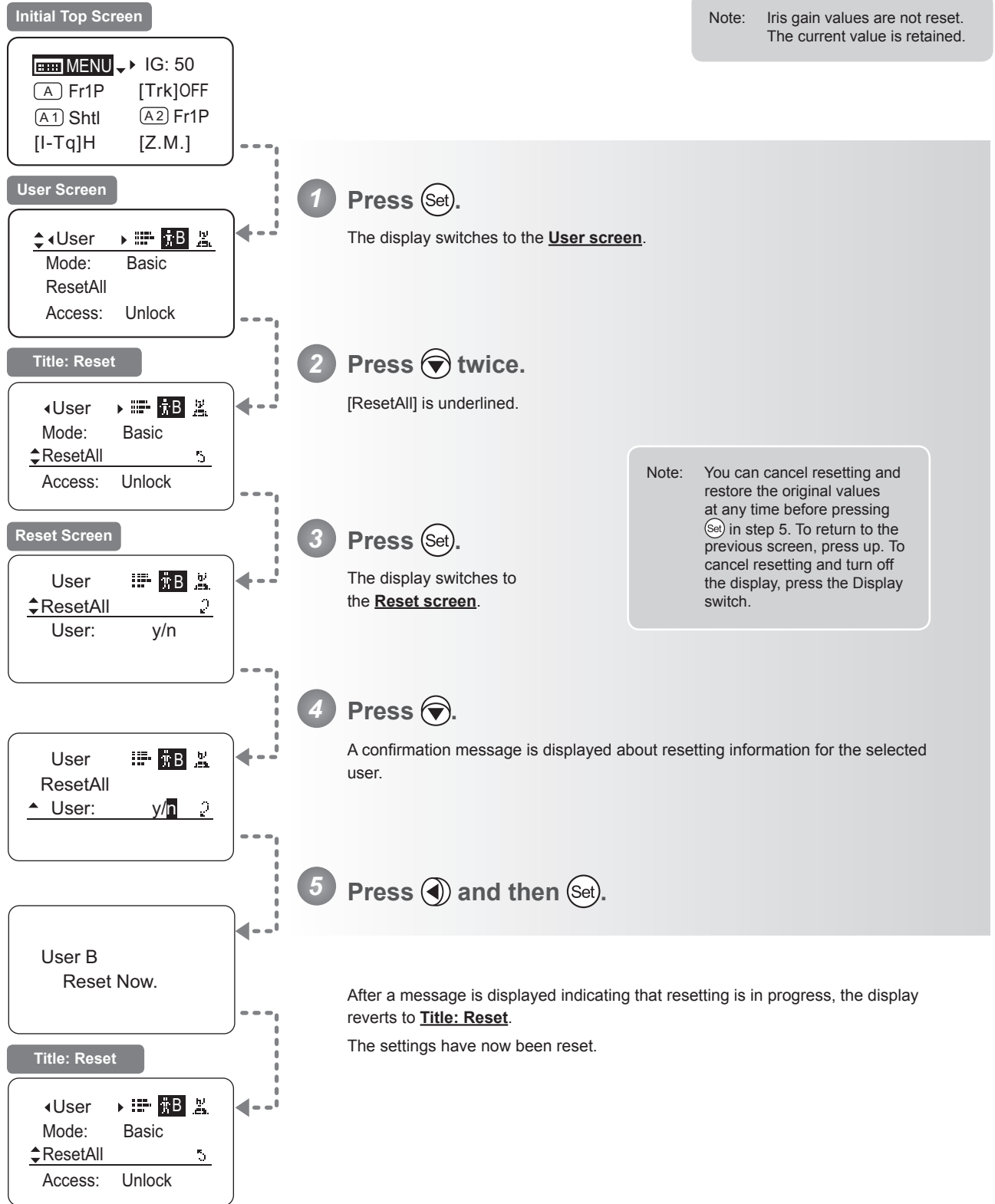
(D): Default value





## Resetting Values

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



## Locking Functions

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

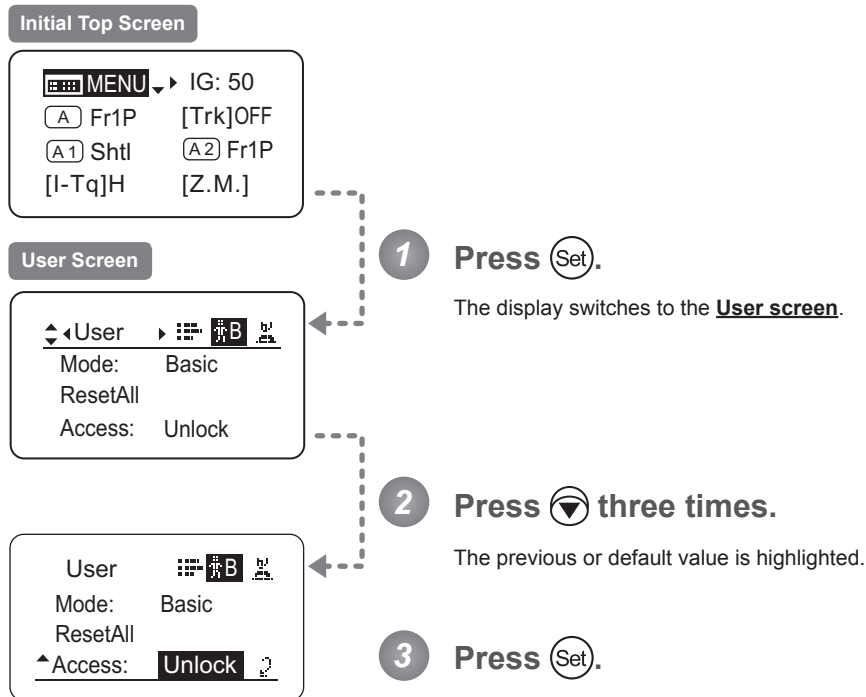


### Note

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

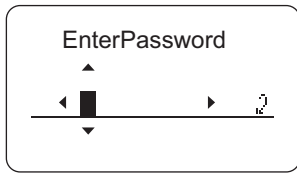
- Preset data (Shuttle shot position, Frame preset position, Preset speed)
- Auto iris gain setting

## (1) Locking Settings



Continued on next page

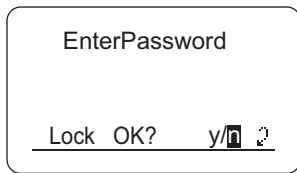
Continued from previous page



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

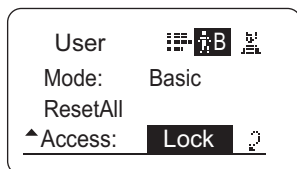
Entering Passwords

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.

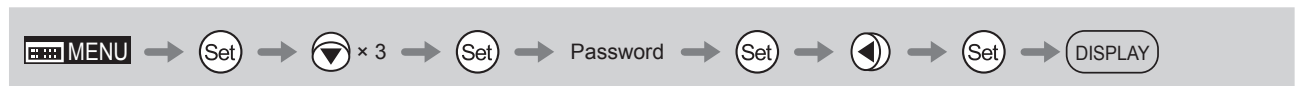
Characters supported in passwords

<b>Options</b>	<sup>(D)</sup> _-ABCDEFGHIJKLMN OPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789
<b>Max. Digits</b>	8

(D): Default value  
 \_ : Space

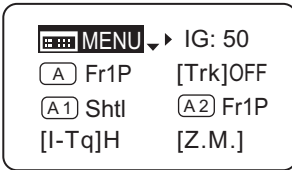
<b>Options</b>	<sup>(D)</sup> Unlock	Lock
----------------	-----------------------	------

(D): Default value

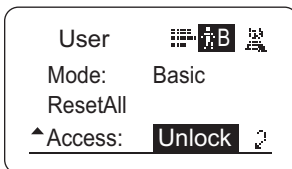
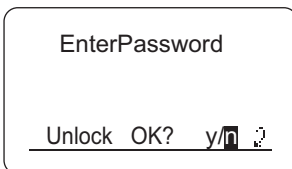
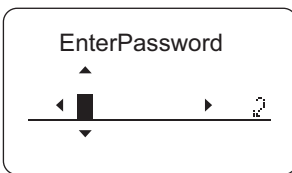
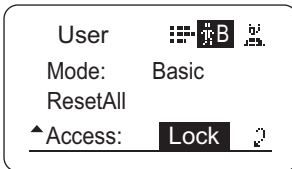
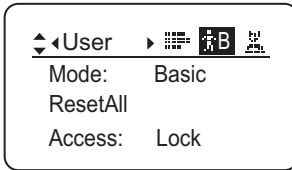


## (2) Unlocking Settings

### Initial Top Screen



### User Screen



**1** Press **Set**.

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

**2** Press **Down Arrow** three times.

The previous or default value is highlighted.

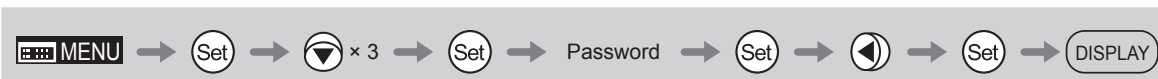
**3** Press **Set**.

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

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

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

The settings are now unlocked.



## 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**

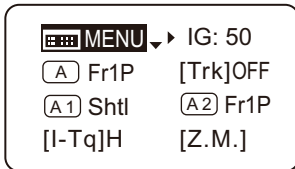
Assigning Functions to the AUX2 Switch **Top**

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

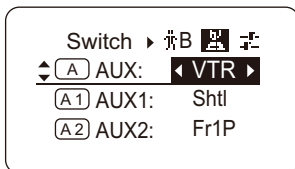
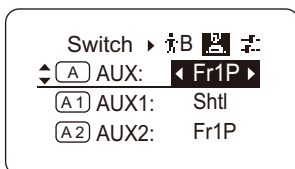
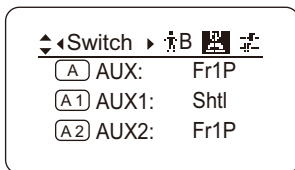
## Assigning Functions to the AUX Switch Top

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

### Initial Top Screen



### Switch Screen



**1** Press and then .

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

**2** Press .

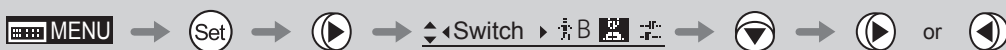
[AUX] is underlined.  
The previous or default function is highlighted.

**3** Press or .

Press left or right until you reach the desired function.

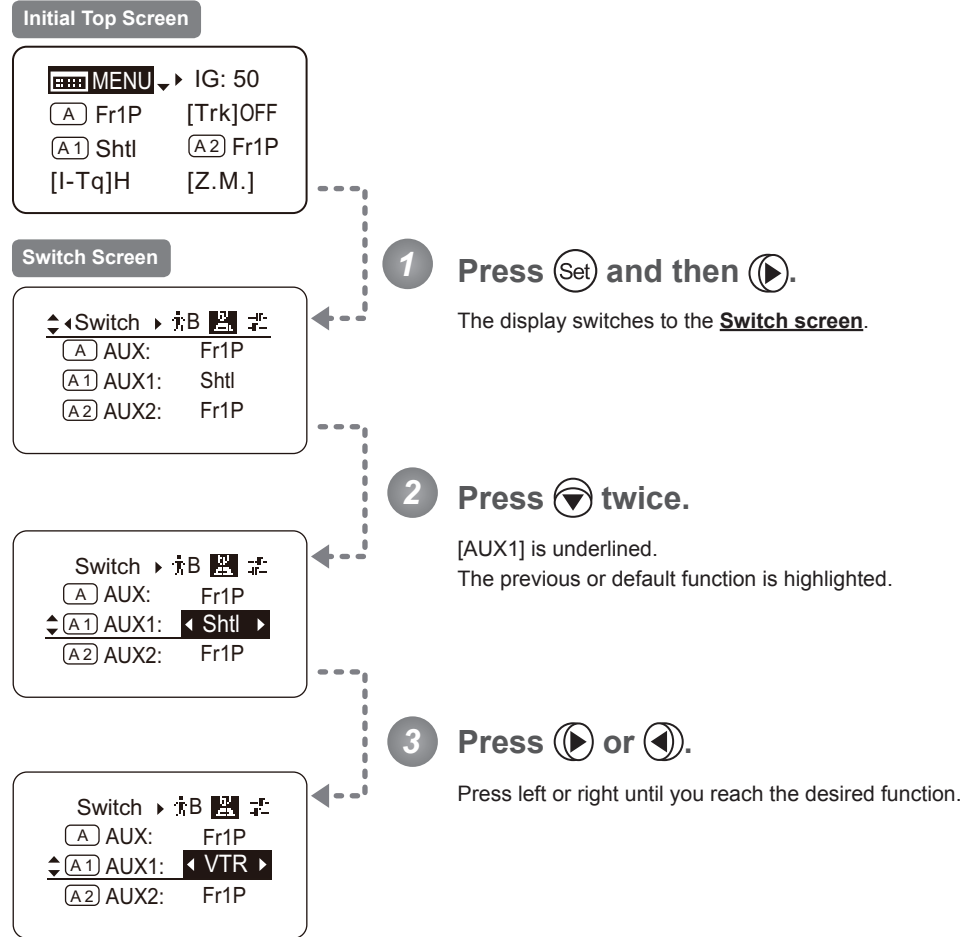
Options	<sup>(D)</sup> Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(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.



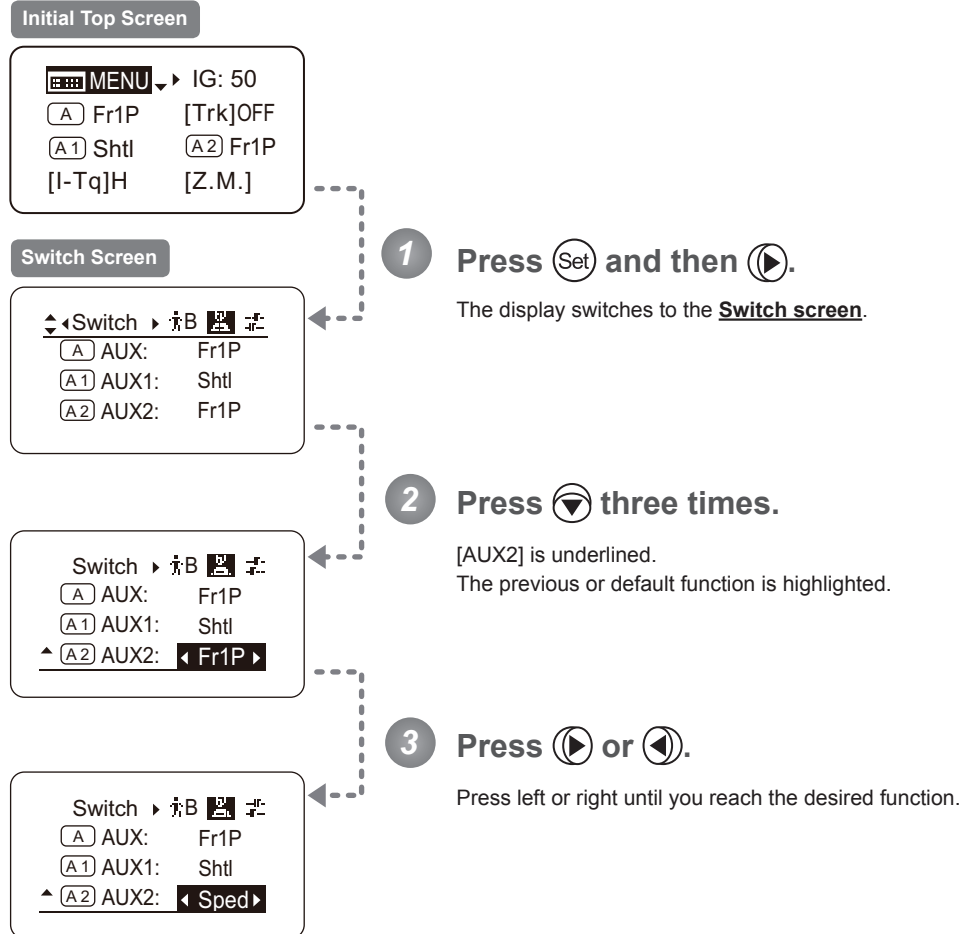
Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	<sup>(D)</sup> Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value



## Assigning Functions to the AUX2 Switch Top

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



Options	<sup>(D)</sup> Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
<b>Description</b>	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

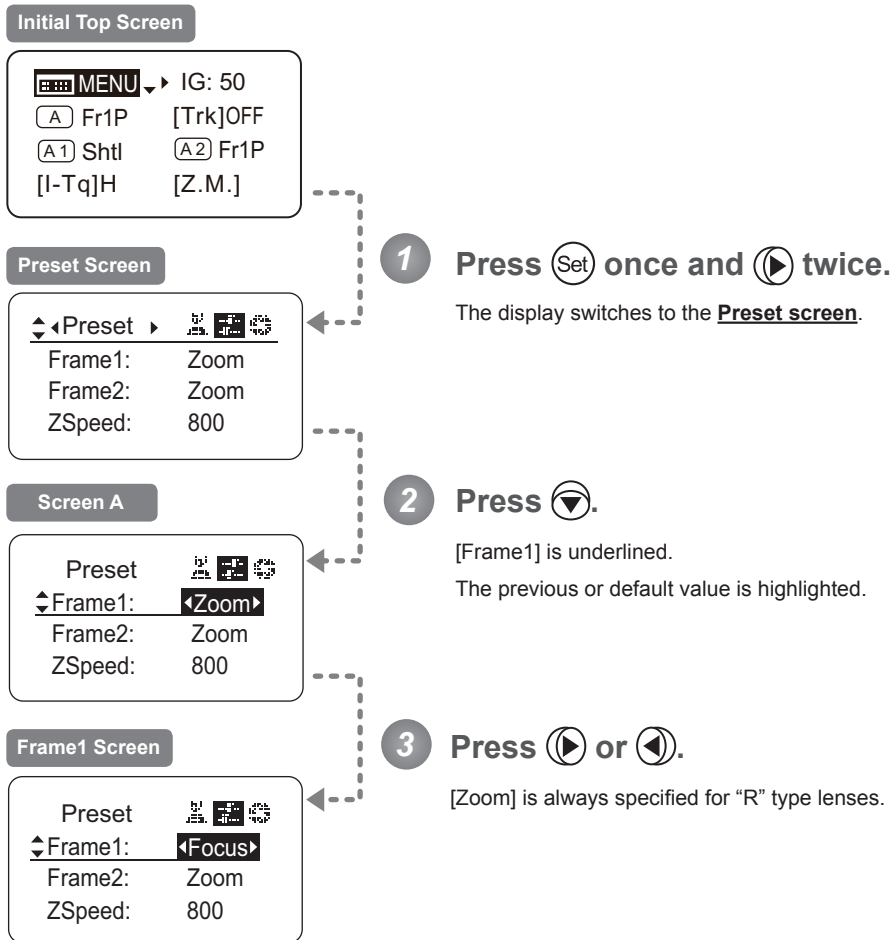
Switching What Frame Preset 2 Controls

Specifying the Preset Mode Zoom Speed

## Switching What Frame Preset 1 Controls

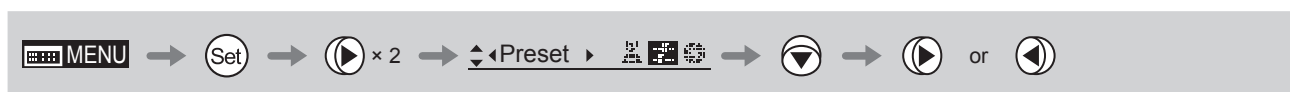
Switch what frame preset 1 controls, as needed.

- 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	<sup>(D)</sup> Zoom	Focus	Z+F
Description	Control zooming	Control focusing	Control zooming and focusing

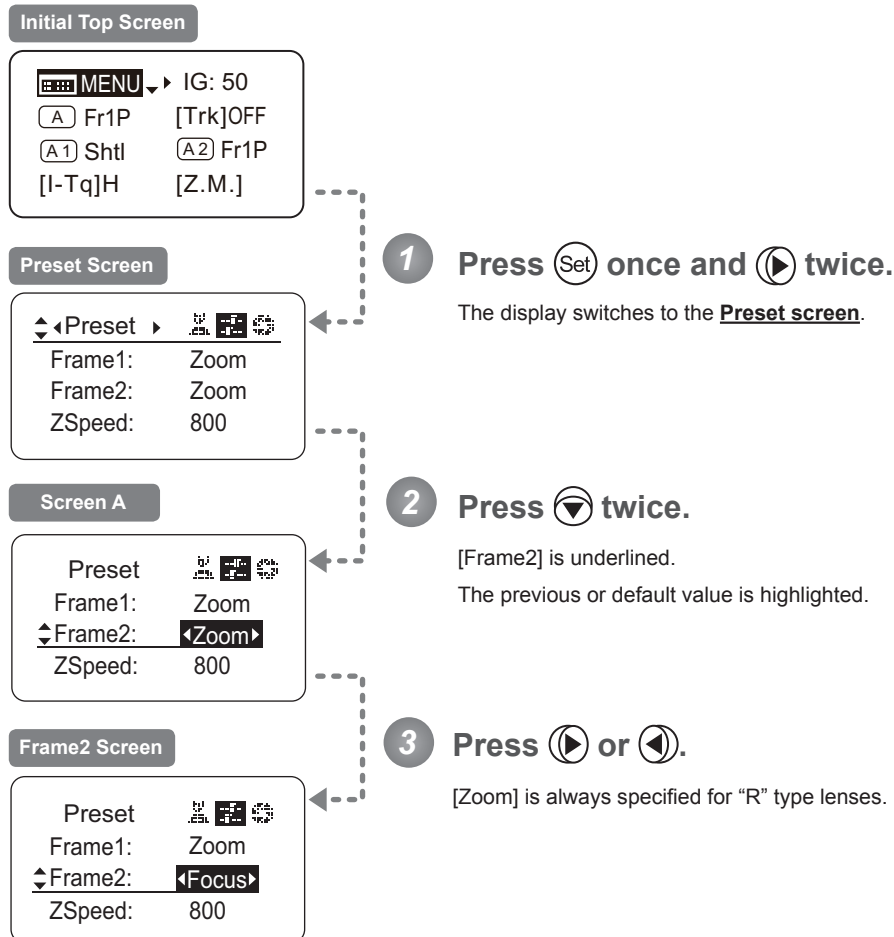
(D): Default value



## Switching What Frame Preset 2 Controls

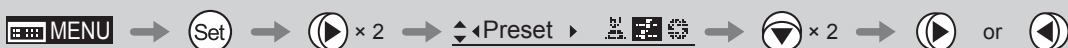
Switch what frame preset 2 controls, as needed.

- 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



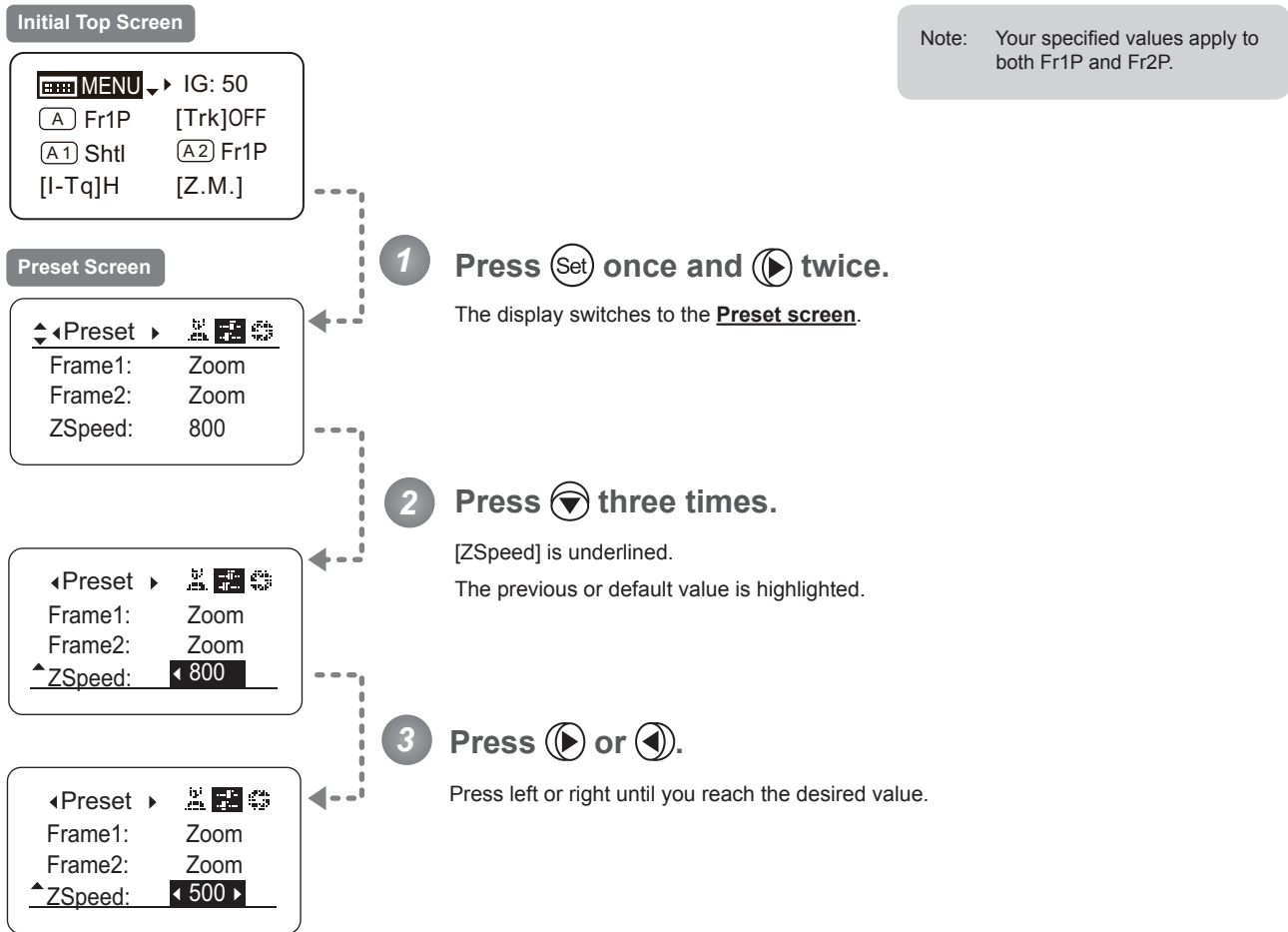
Options	<sup>(D)</sup> Zoom	Focus	Z+F
Description	Control zooming	Control focusing	Control zooming and focusing

(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.



<b>Options</b>	1	to	<sup>(D)</sup> 800
<b>Description</b>	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

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

## Specifying Iris Gain

### (1) Specifying Auto Iris Gain

Top

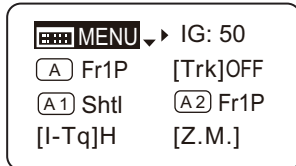
Although this value is factory-set, it can be adjusted as needed.

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

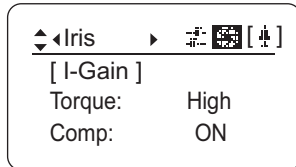
Regardless of the method of adjustment used, the most recent setting takes precedence.

The same auto iris gain value applies to all users.

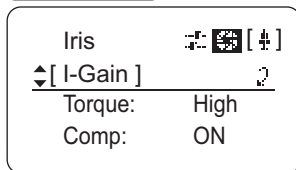
#### Initial Top Screen



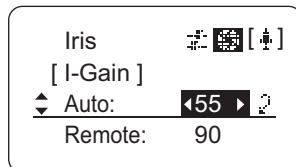
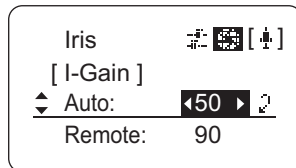
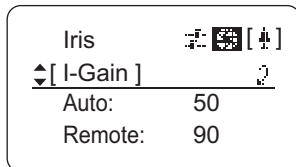
#### Iris Screen



#### Screen A



#### [I-Gain] Screen



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

The display switches to the Iris screen.

2 Press **Down Arrow**.

[I-Gain] is underlined.

3 Press **Set**.

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

4 Press **Down Arrow**.

[Auto] 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.

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

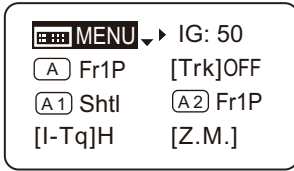
Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.



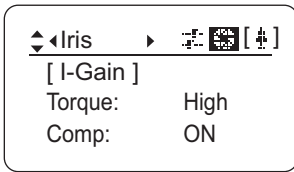
## (2) Specifying Remote Iris Gain

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

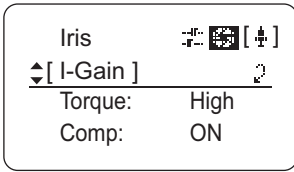
### Initial Top Screen



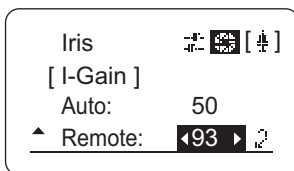
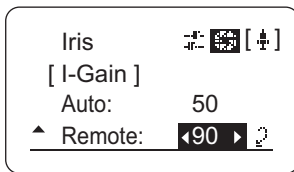
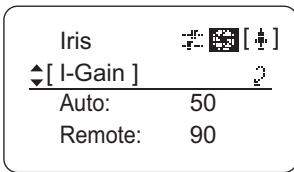
### Iris Screen



### Screen A



### [I-Gain] Screen



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

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

**2** Press **Down Arrow**.

[I-Gain] is underlined.

**3** Press **Set**.

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

**4** Press **Down Arrow** twice.

[Remote] 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**.

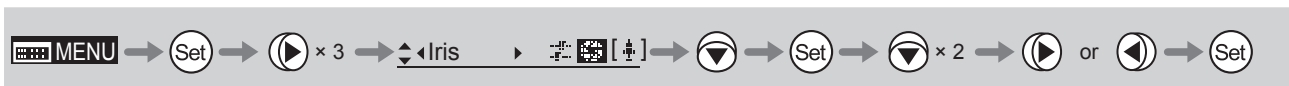
The display reverts to **Screen A**.

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

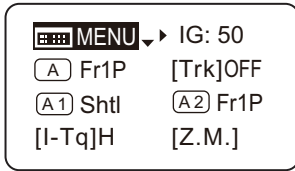
Default value: 90



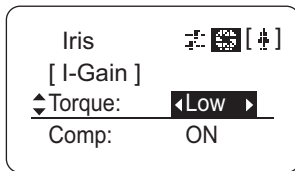
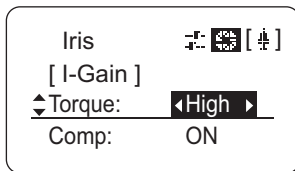
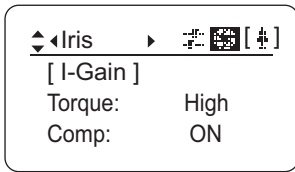
## Specifying Iris Torque Top

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

### Initial Top Screen



### Iris Screen



**1** Press once and three times.

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

**2** Press twice.

[Torque] is underlined.

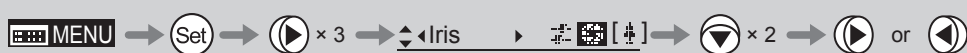
The previous or default function is highlighted.

**3** Press or .

Press left or right to switch the function to {High} or {Low}.

Options	<sup>(D)</sup> High	Low
Description	High torque	Low torque

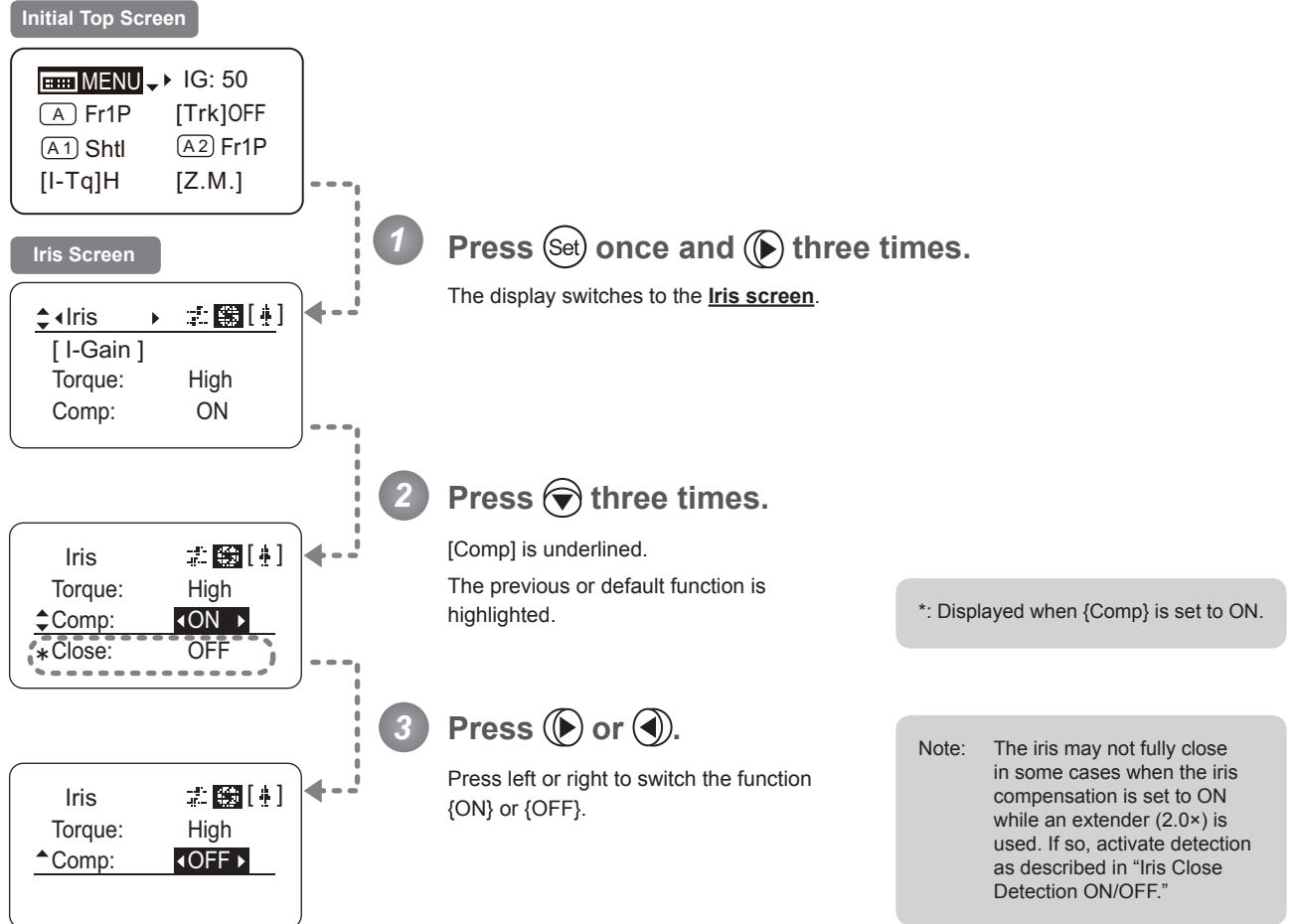
(D): Default value





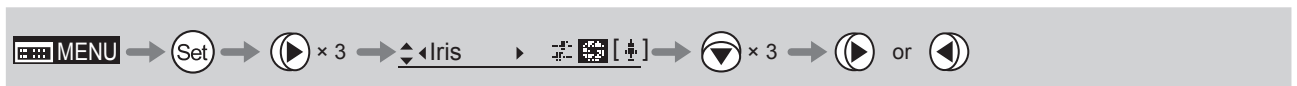
## Iris Compensation ON/OFF

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.



Options	<sup>(D)</sup> ON	OFF
Description	Iris compensation	No iris compensation

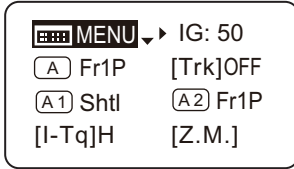
(D): Default value



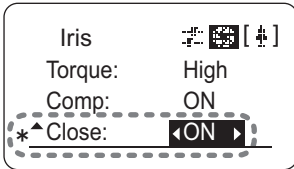
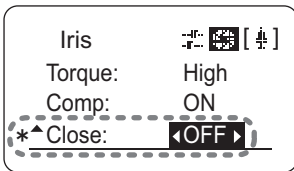
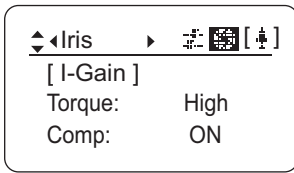
## Iris Close Detection ON/OFF

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.

### Initial Top Screen



### Iris Screen



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

The display switches to the Iris screen.

**2** Press **Down Arrow** four times.

[Close] is underlined.

The previous or default function is highlighted.

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

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

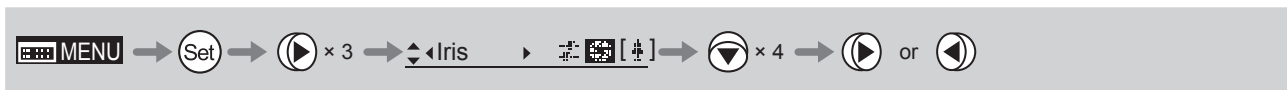
Note: With some cameras, iris compensation may conflict with iris control by the camera, preventing correct iris close detection. If so, deactivate iris close detection.

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

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

Options	<sup>(D)</sup> OFF	ON
Description	No close detection	Close detection

(D): Default value



## 3.2.5 Zoom Screen Settings

---

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

Specifying Seesaw Switch Responsiveness

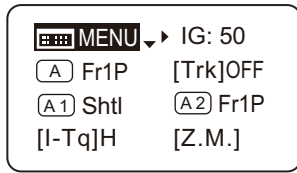
Specifying Analog Demand Responsiveness

Demand-Based Zoom Speed Adjustment ON/OFF

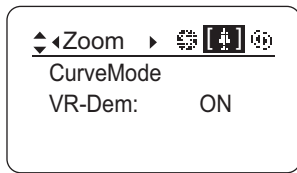
## Specifying Seesaw Switch Responsiveness

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.)

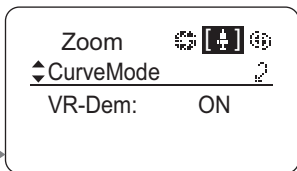
**Initial Top Screen**



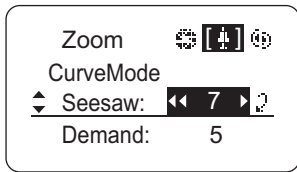
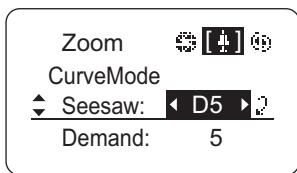
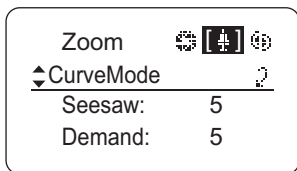
**Zoom Screen**



**Screen A**



**CurveMode Screen**



**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 .**

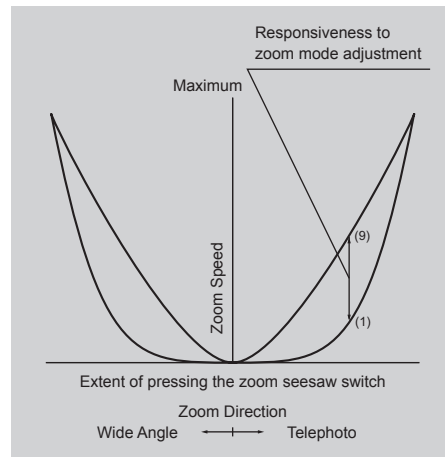
[Seesaw] is underlined.  
 The previous or default value is highlighted.

**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
---------	---	---	---	---	-------	---	---	---	---

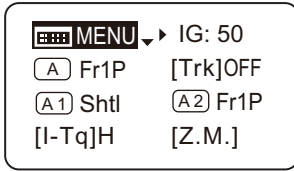
(D): Default value



## 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.)

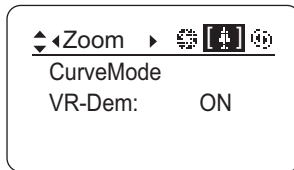
**Initial Top Screen**



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

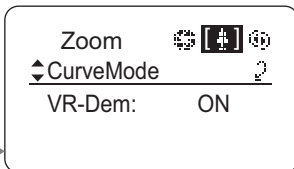
The display switches to the **Zoom screen**.

**Zoom Screen**



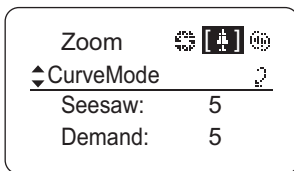
**2** Press **▼**.  
 [CurveMode] is underlined.

**Screen A**



**3** Press **Set**.  
 The display switches to the **CurveMode screen**.

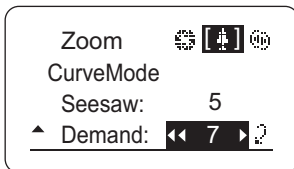
**CurveMode Screen**



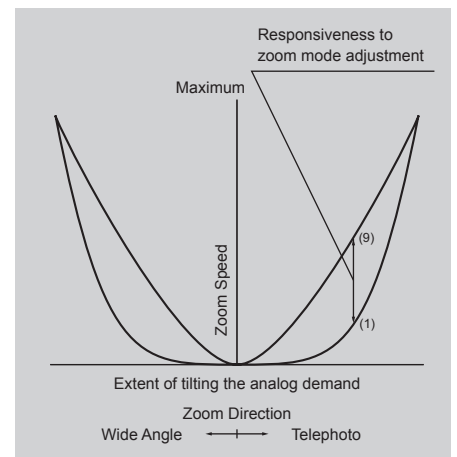
**4** Press **▼** twice.  
 [Demand] is underlined.  
 The previous or default value is highlighted.

**5** Press **▶** or **◀**.

Press left or right until you reach the desired function.



**6** Press **Set**.  
 The display reverts to **Screen A**.



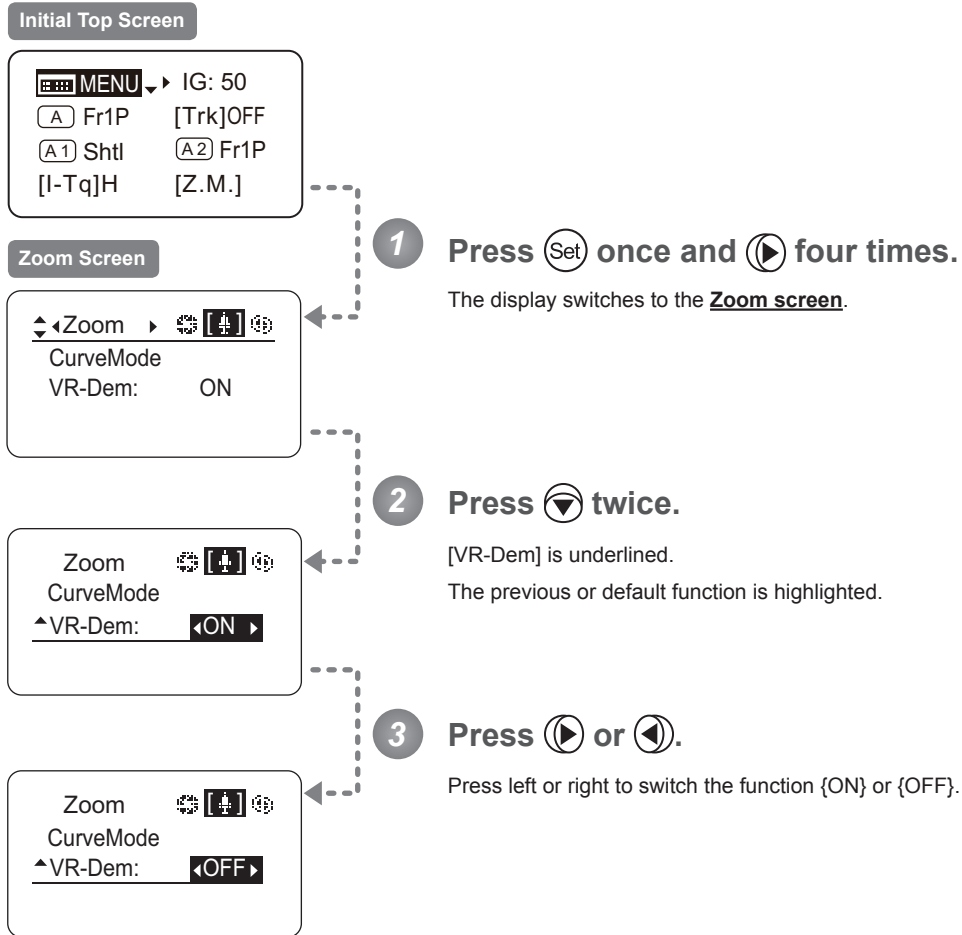
Options	1	2	3	4	(D) 5	6	7	8	9
---------	---	---	---	---	-------	---	---	---	---

(D): Default value



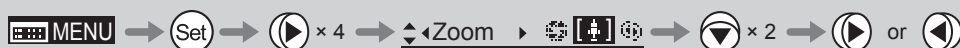
## Demand-Based Zoom Speed Adjustment ON/OFF

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



Options	<sup>(D)</sup> 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**.

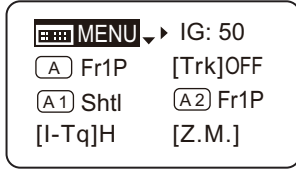
Specifying Focus Demand Responsiveness (“A” Type Lenses Only)

## Specifying Focus Demand Responsiveness (“A” Type Lenses Only)

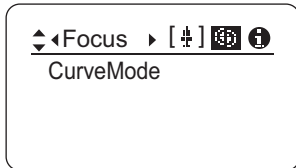
Specify responsiveness in analog focus demand operations as needed.

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

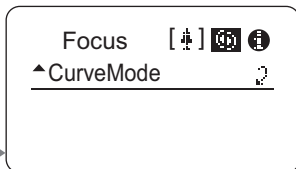
**Initial Top Screen**



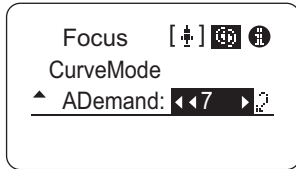
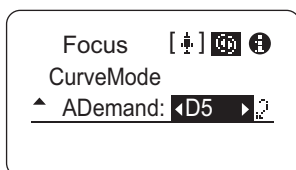
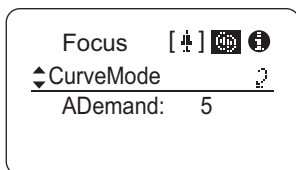
**Focus Screen**



**Screen A**



**CurveMode Screen**



**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**.

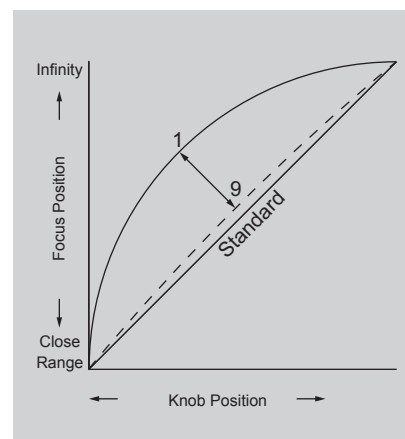
[ADemand] is underlined.  
The previous or default value is highlighted.

**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





## 3.2.7 Info Screen Settings

---

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

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

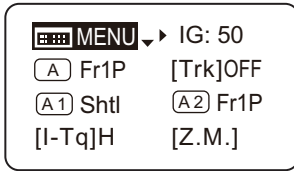
Specifying Encoder Output

Serial Communication with Camera ON/OFF

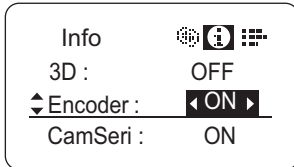
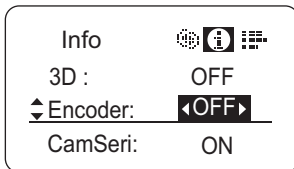
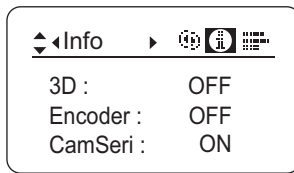
## Specifying Encoder Output

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

### Initial Top Screen



### Info Screen



**1** Press **Set** once and **Left Arrow** twice.

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

**2** Press **Down Arrow** twice.

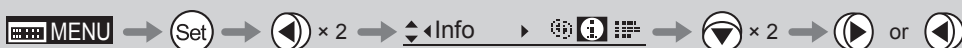
[Encoder] is underlined.

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

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

Options	<sup>(D)</sup> OFF	ON
Description	Output disabled	Output enabled

(D): Default value

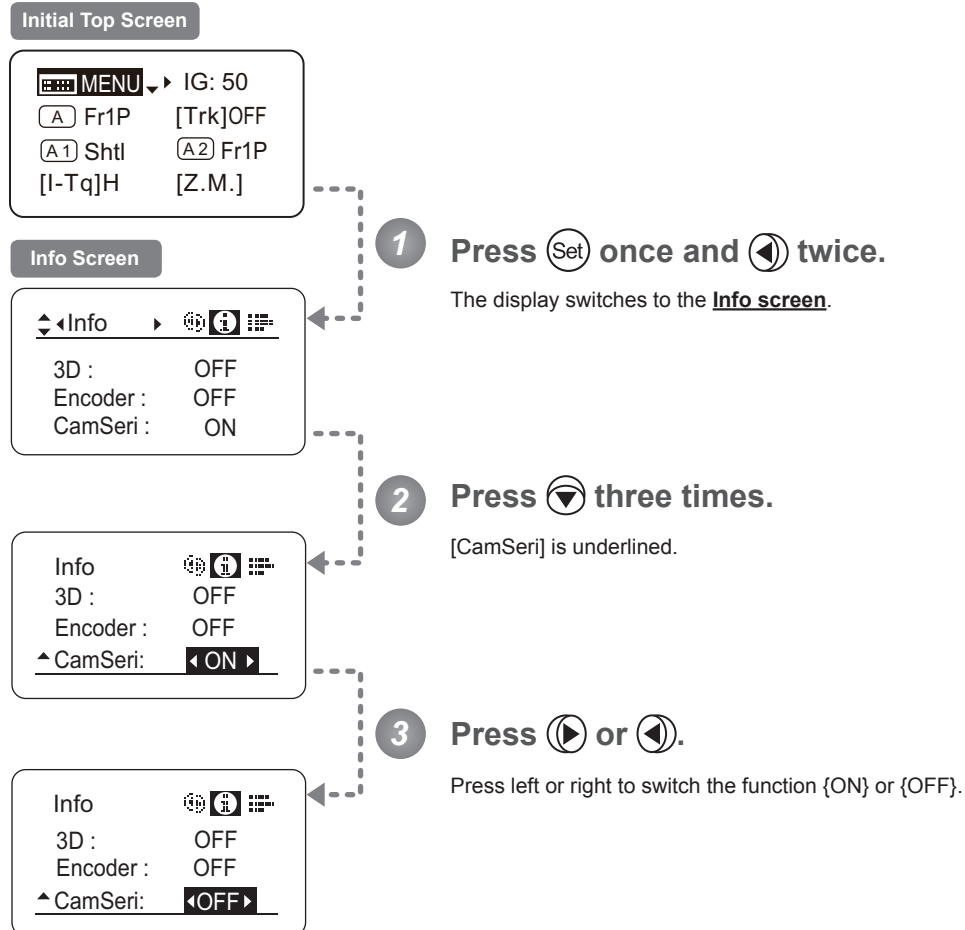


## Serial Communication with Camera ON/OFF

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.

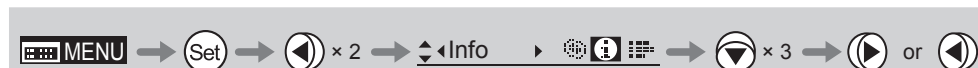
By default, this setting is ON, enabling auto detection of whether serial or analog control is used.

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



Options	<sup>(D)</sup> ON	OFF
Description	Serial communication with the camera Enabled	Serial communication with the camera Disabled

(D): Default value



## 3.2.8 Fol. Screen Settings

---

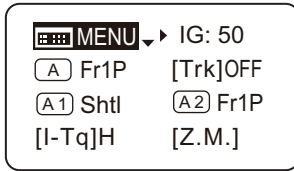
The following setting items can be configured on the **Fol. screen**.

Viewing Lens Follow Settings (Iris, Zoom, Focus)

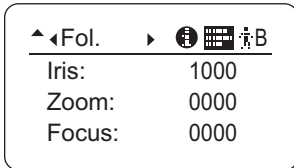
## Viewing Lens Follow Settings (Iris, Zoom, Focus)

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



### Fol. Screen



1

Press **Set** and then **◀**.

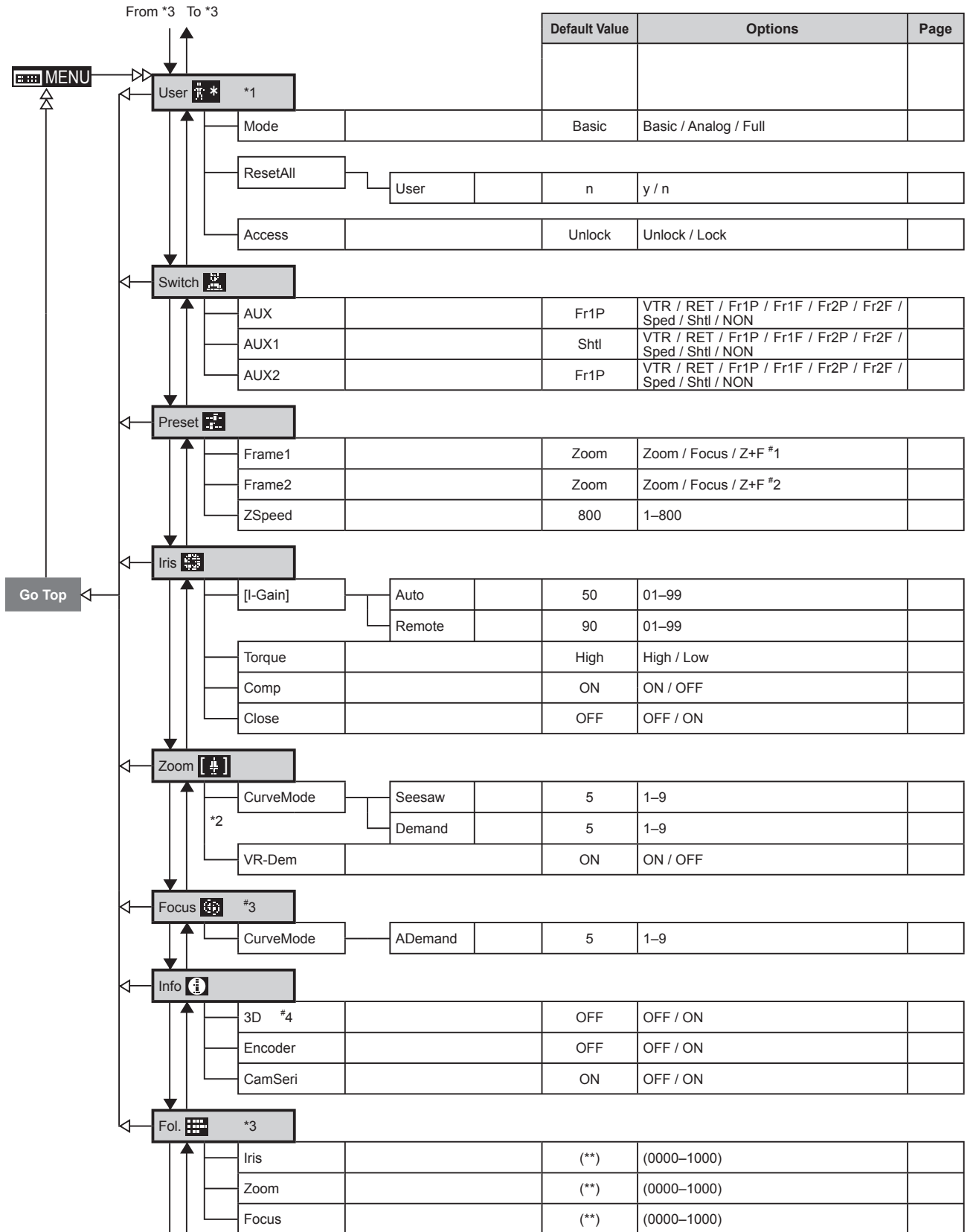
The display switches to the **Fol. screen**, showing relative follow iris, zoom, and focus values.

**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.



## 3.3 List of Settings

		Default Value	Options	Page
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Top</div>				
	MENU		To *1 on the next page	
	IG	50	01-99	
	[A]	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
	[Trk]	OFF	OFF / ON	
	[A 1]	Shtl	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
	[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.		



From \*1

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

To \*1

#1-2 : Only Zoom is shown for "R" type lenses.  
 #3 : Not shown for "R" type lenses.  
 #4 : For information on specifying the 3D communication, see the "3D Cable Instruction Manual."  
 ( ) : Indicates values that cannot be changed.

Memo

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# 4

## Operation in Full Mode

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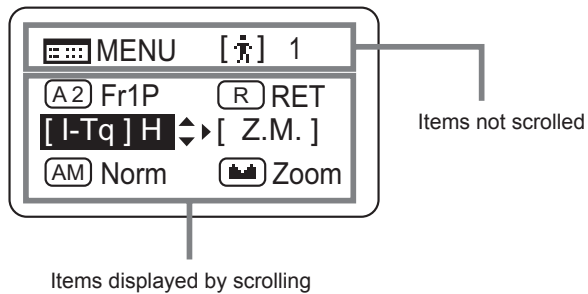
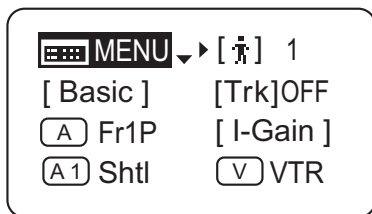
# 4. Operation in Full Mode

## 4.1 Configuration from the Top Screen

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

A total of 14 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.

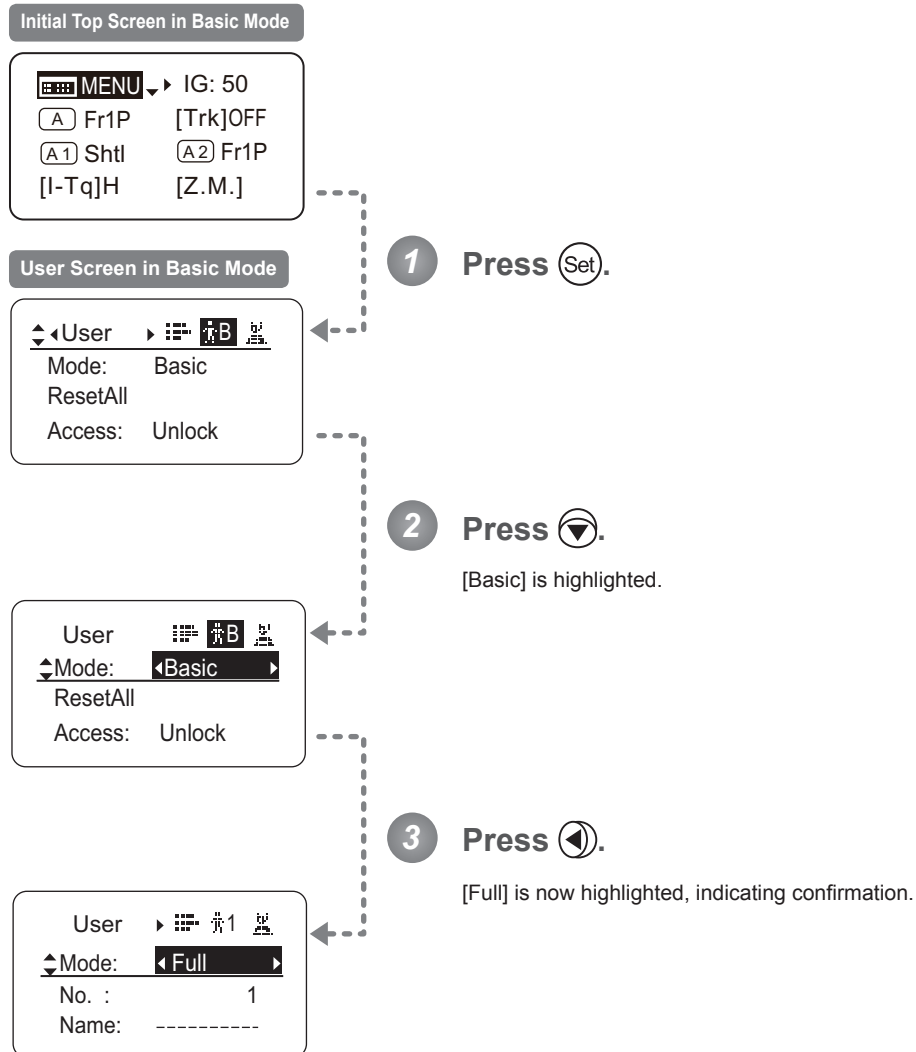
Initial Top Screen in Full Mode



## 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

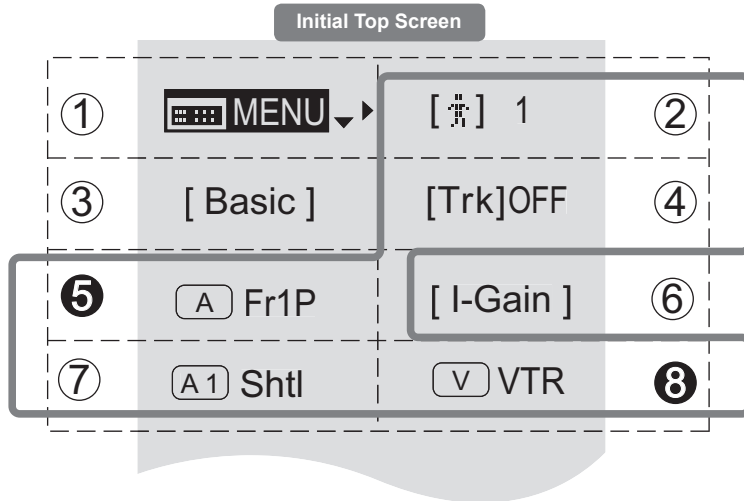


## 4.1.2 Top Screen


A total of 14 items can be configured on the **Top screen** in Full mode, and 8 items are shown on the **Initial Top screen**. The other 6 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.<sup>\*1</sup>)

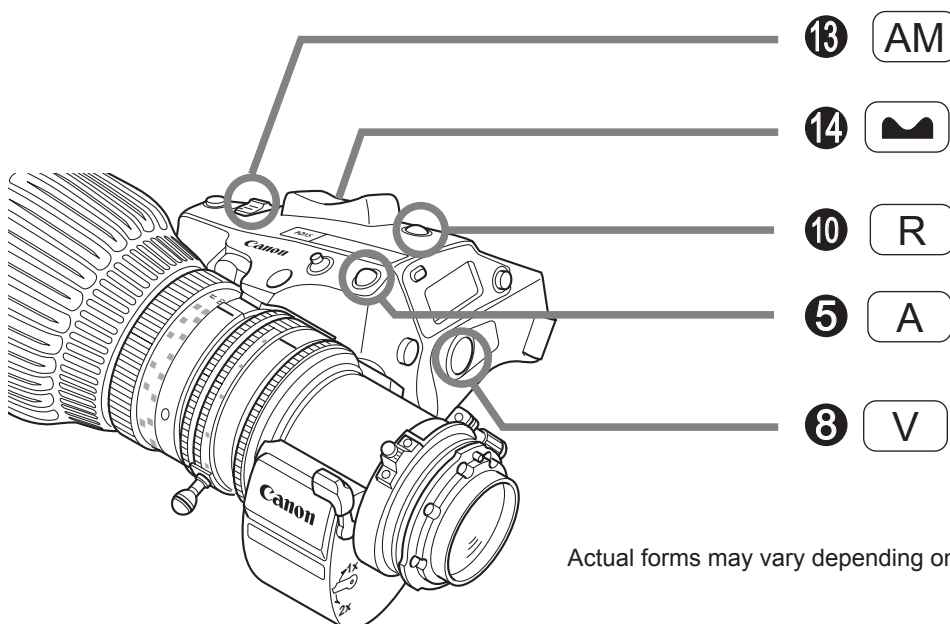
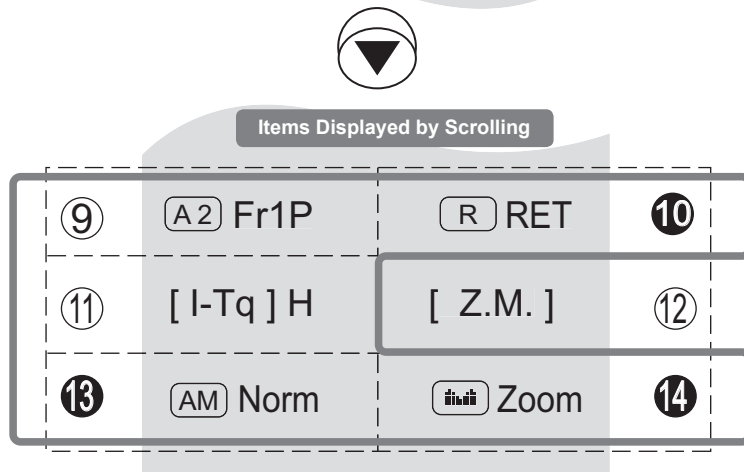


<sup>\*1</sup>

Inside  : Items that show the current setting status.

Example:  **Shtl** indicates that the AUX1 switch is assigned to the Shuttle function.

 : White numbers against a black background indicate the number of the switch on a drive unit to which the function is assigned. See the following lens illustration.



Actual forms may vary depending on models and specifications.

### 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 [Trk] **Zoom tracking**

Switch to ON when using zoom tracking.

See “4.1.5 Zoom Tracking ON/OFF.”

### ⑤ **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 “4.1.6 Assigning Functions to the AUX Switch.”

### ⑥ [I-Gain] **Iris gain**

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

See “4.1.7 Specifying Iris Gain.”

### ⑦ **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 “4.1.8 Assigning Functions to the AUX1 Switch.”

### ⑧ **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 “4.1.9 Assigning Functions to the VTR Switch.”

### ⑨ **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 “4.1.10 Assigning Functions to the AUX2 Switch.”

### ⑩ **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 “4.1.11 Assigning Functions to the RET Switch.”

### ⑪ [I-Tq] **Iris torque**

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

See “4.1.12 Specifying Iris Torque.”

### ⑫ [Z.M.] **Zoom curve mode**

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

See “4.1.13 Specifying Zoom Curve Mode.”

### ⑬ **Iris A/M switch**

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

See “4.1.14 Specifying Iris A/M Switch.”

### ⑭ **Seesaw**

Enable iris control using the zoom seesaw switch.

See “4.1.15 Assigning Functions to the Seesaw.”

### 4.1.3 Switching Users



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.

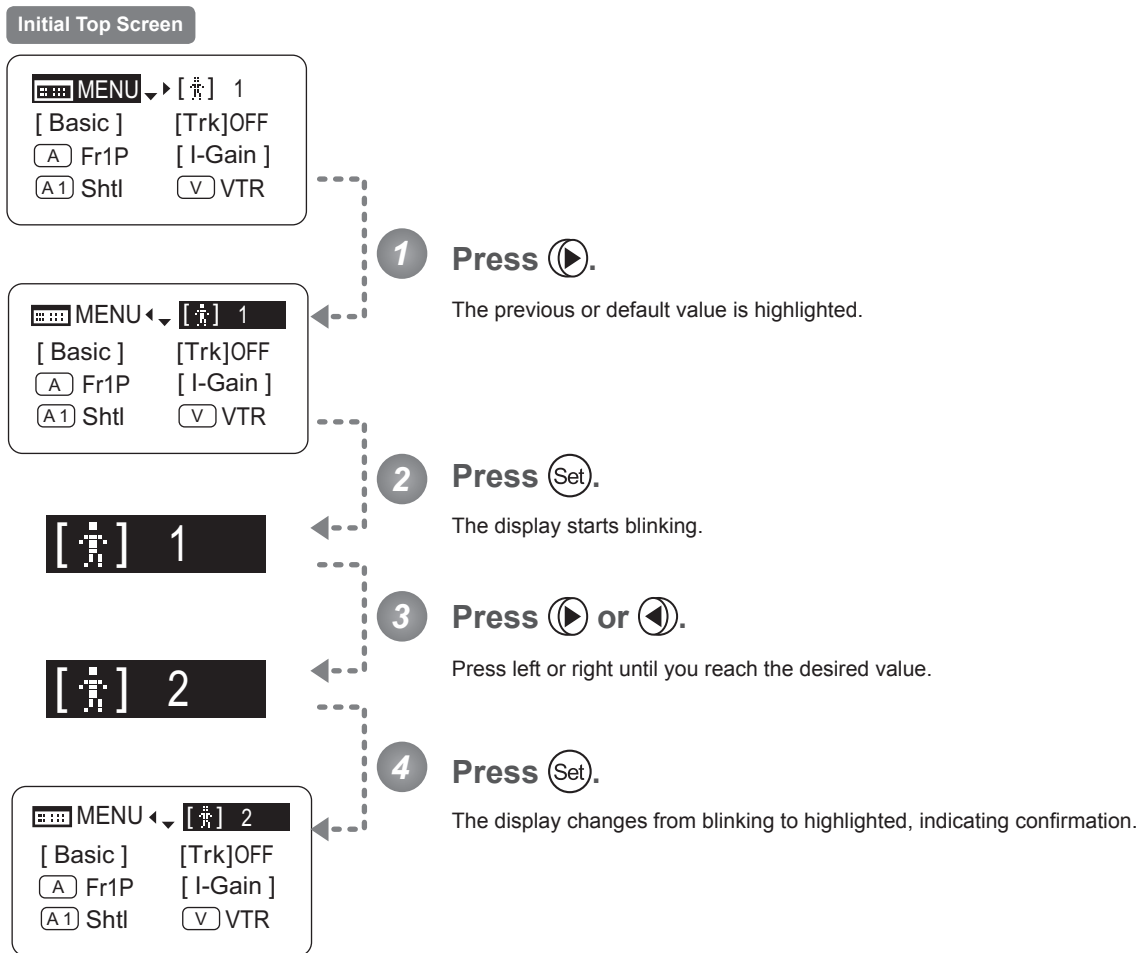
**User 0**

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 “4.1.16 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.”



Options	0	<sup>(D)</sup> 1	2	3	4	5	6	7	8	9
<b>Save Settings</b>	Not supported Although settings cannot be saved, they can be changed temporarily. Switching users or turning the lens off will restore default values.	Can be saved for each user								

(D): Default value

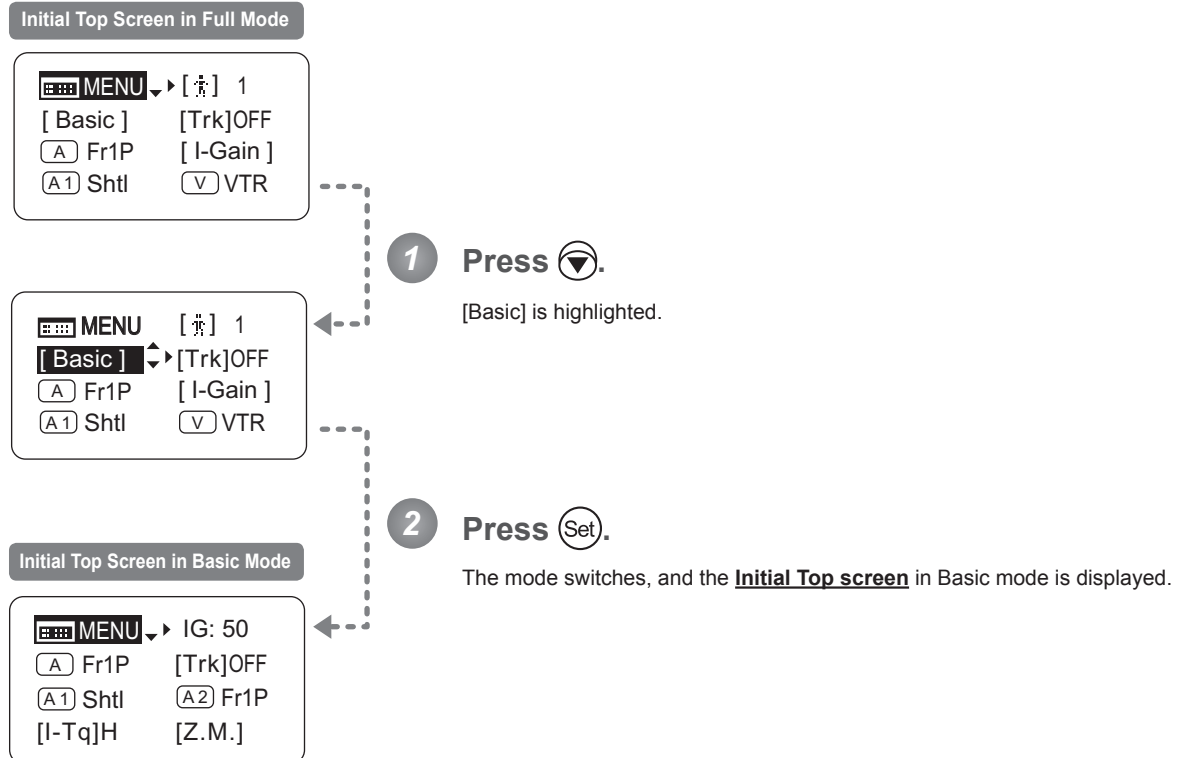


## 4.1.4 Switching to Basic Mode

[Basic]

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

### Switching from Full to Basic Mode



## 4.1.5 Zoom Tracking ON/OFF

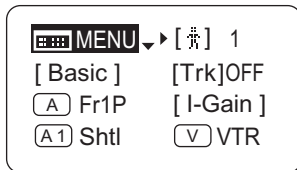
[Trk]

Activate or deactivate zoom tracking as needed.

### Important

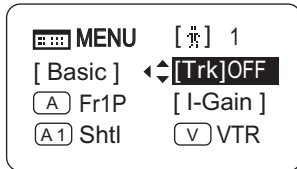
First, switch to the user for whom the settings apply.  
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



1 Press and then .

The previous or default value is highlighted.



2 Press .

The display starts blinking.

[Trk]OFF

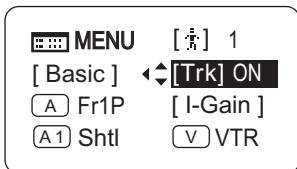
3 Press or .

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	<sup>(D)</sup> OFF	ON
---------	--------------------	----

(D): Default value





## 4.1.6 Assigning Functions to the AUX Switch

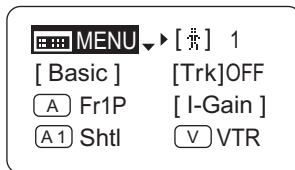
A

Assign your desired functions to the AUX switch.

### Important

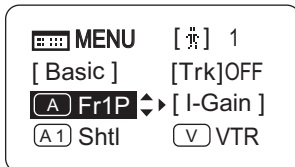
First, switch to the user for whom the settings apply.  
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



**1** Press twice.

The previous or default function is highlighted.



**2** Press .

The display starts blinking.



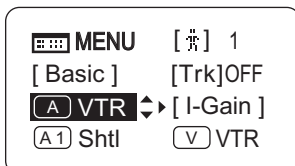
**3** Press or .

Press left or right until you reach the desired function.



**4** Press .

The display changes from blinking to highlighted, indicating confirmation.



Options	<sup>(D)</sup> 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



## 4.1.7 Specifying Iris Gain

[I-Gain]

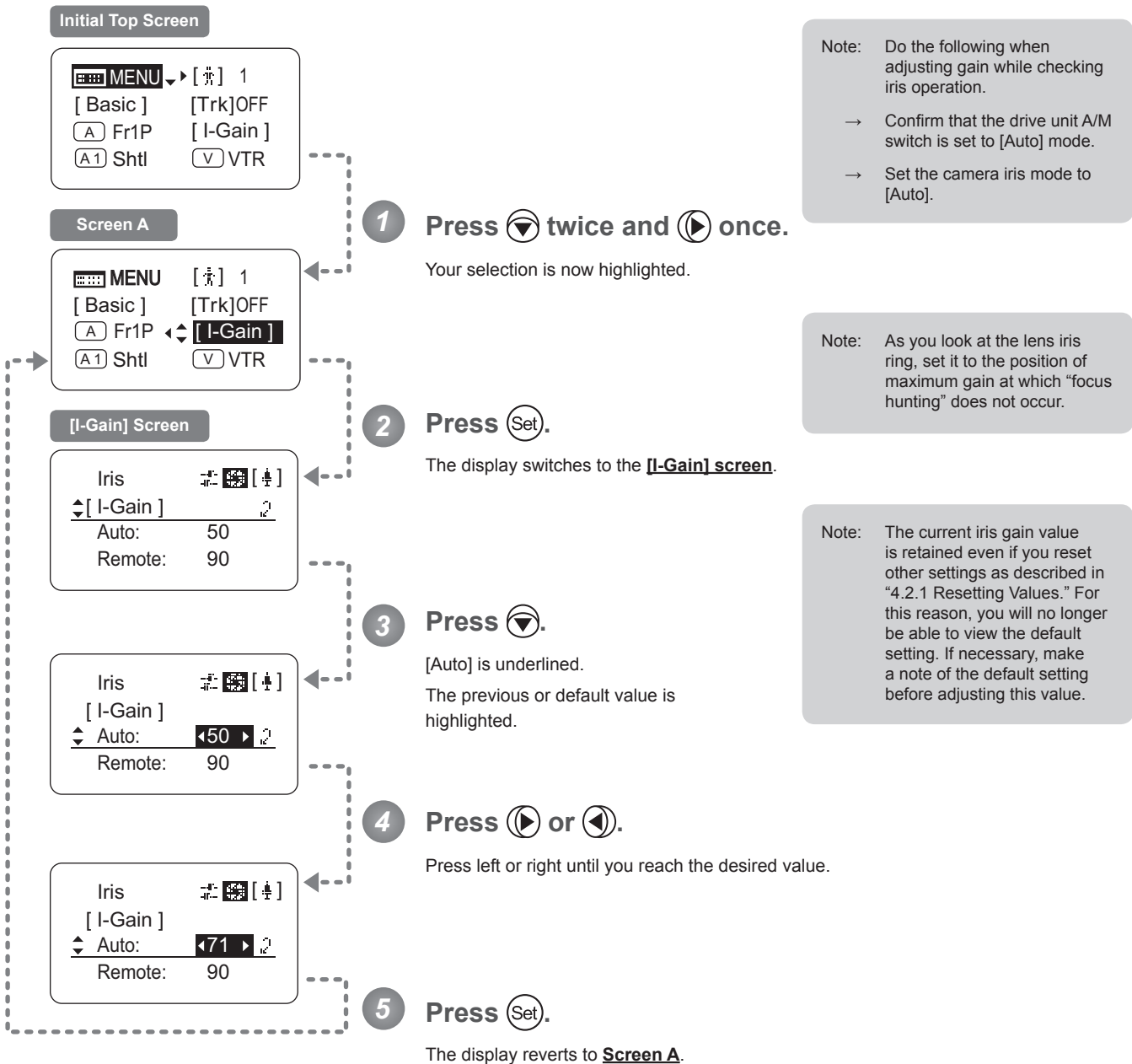
### Specifying Auto Iris Gain

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.



<b>Options</b>	01	to	99
<b>Description</b>	Minimum gain		Maximum gain

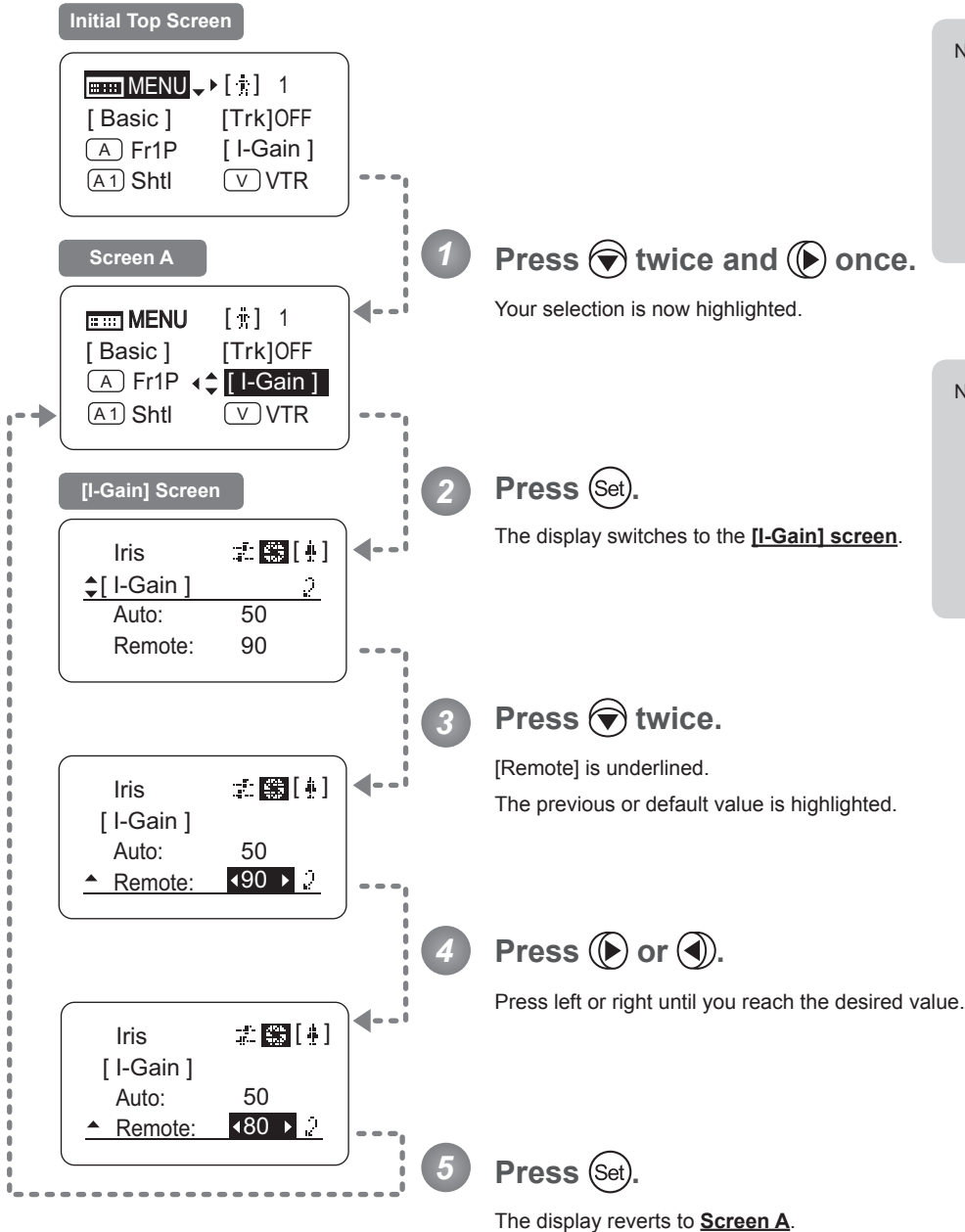
Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.



## 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.

<b>Options</b>	01	to	99
<b>Description</b>	Minimum gain		Maximum gain

Default value: 90



## 4.1.8 Assigning Functions to the AUX1 Switch

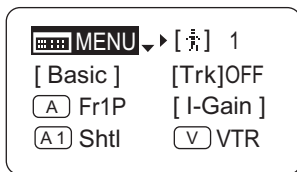
A1

Assign your desired functions to the AUX1 switch.

### Important

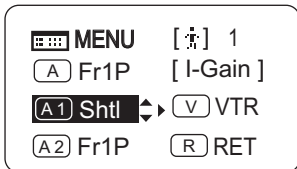
First, switch to the user for whom the settings apply.  
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



1 Press three times.

The previous or default function is highlighted.



2 Press .

The display starts blinking.



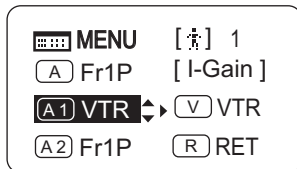
3 Press or .

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	<sup>(D)</sup> 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



## 4.1.9 Assigning Functions to the VTR Switch



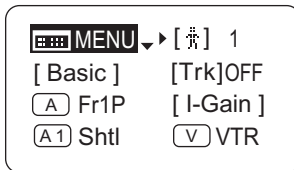
Assign your desired functions to the VTR switch.

### Important

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

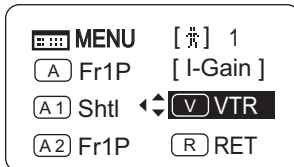
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



- 1 Press three times and once.

The previous or default function is highlighted.



- 2 Press .

The display starts blinking.



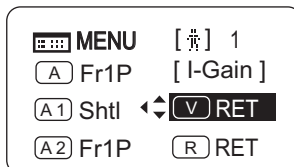
- 3 Press or .

Press left or right until you reach the desired function.



- 4 Press .

The display changes from blinking to highlighted, indicating confirmation.



Options	<sup>(D)</sup> 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



## 4.1.10 Assigning Functions to the AUX2 Switch

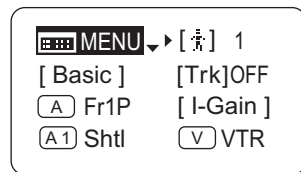
A2

Assign your desired functions to the AUX2 switch.

### Important

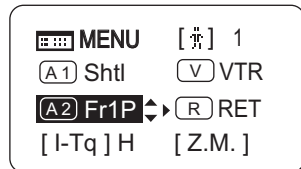
First, switch to the user for whom the settings apply.  
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



1 Press four times.

The previous or default function is highlighted.



2 Press .

The display starts blinking.



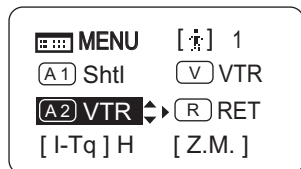
3 Press or .

Press left or right until you reach the desired function.



4 Press .

The display changes from blinking to highlighted, indicating confirmation.



Options	<sup>(D)</sup> 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



## 4.1.11 Assigning Functions to the RET Switch

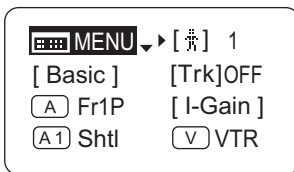
R

Assign your desired functions to the RET switch.

### Important

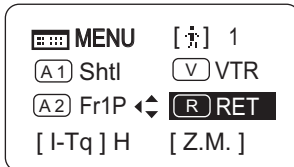
First, switch to the user for whom the settings apply.  
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



**1** Press four times and once.

The previous or default function is highlighted.



**2** Press .

The display starts blinking.



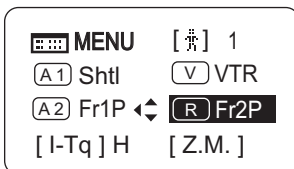
**3** Press or .

Press left or right until you reach the desired function.



**4** Press .

The display changes from blinking to highlighted, indicating confirmation.



Options	VTR	<sup>(D)</sup> 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 Specifying Iris Torque

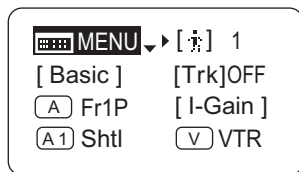
[I-Tq]

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

### Important

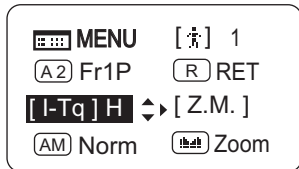
First, switch to the user for whom the settings apply.  
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



1 Press five times.

The previous or default function is highlighted.



2 Press .

The display starts blinking.

[ I-Tq ] H

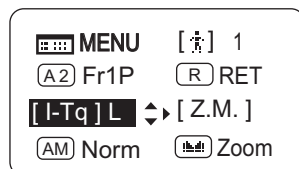
3 Press or .

Press left or right to switch the function to {H} or {L}.

[ I-Tq ] L

4 Press .

The display changes from blinking to highlighted, indicating confirmation.



Options	<sup>(D)</sup> H	L
Description	High torque	Low torque

(D): Default value





## 4.1.13 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 [ ] 1  
[ Basic ] [Trk]OFF  
(A) Fr1P [ I-Gain ]  
(A1) Shtl (V) VTR

#### Screen A

MENU [ ] 1  
(A2) Fr1P (R) RET  
[ I-Tq ] H [ Z.M. ]  
(AM) Norm Zoom

#### CurveMode Screen

Zoom [ ]  
CurveMode 2  
Seesaw: 5  
Demand: 5

Zoom [ ]  
CurveMode  
Seesaw: D5 2  
Demand: 5

Zoom [ ]  
CurveMode  
Seesaw: 3 2  
Demand: 5

1 Press five times and once.

Your selection is now highlighted.

2 Press .

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

3 Press .

[Seesaw] is underlined.

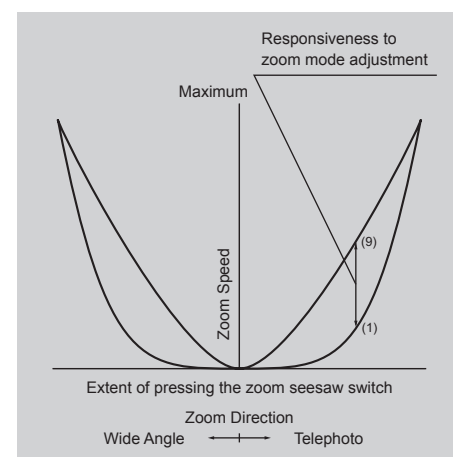
The previous or default value is highlighted.

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

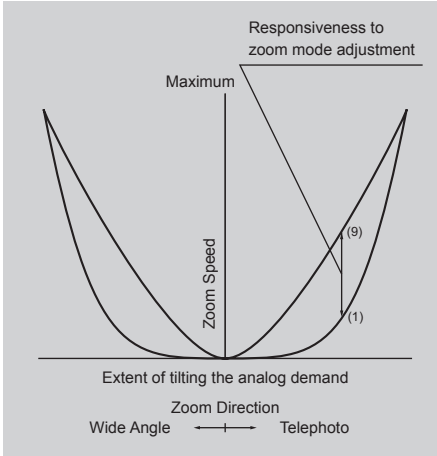
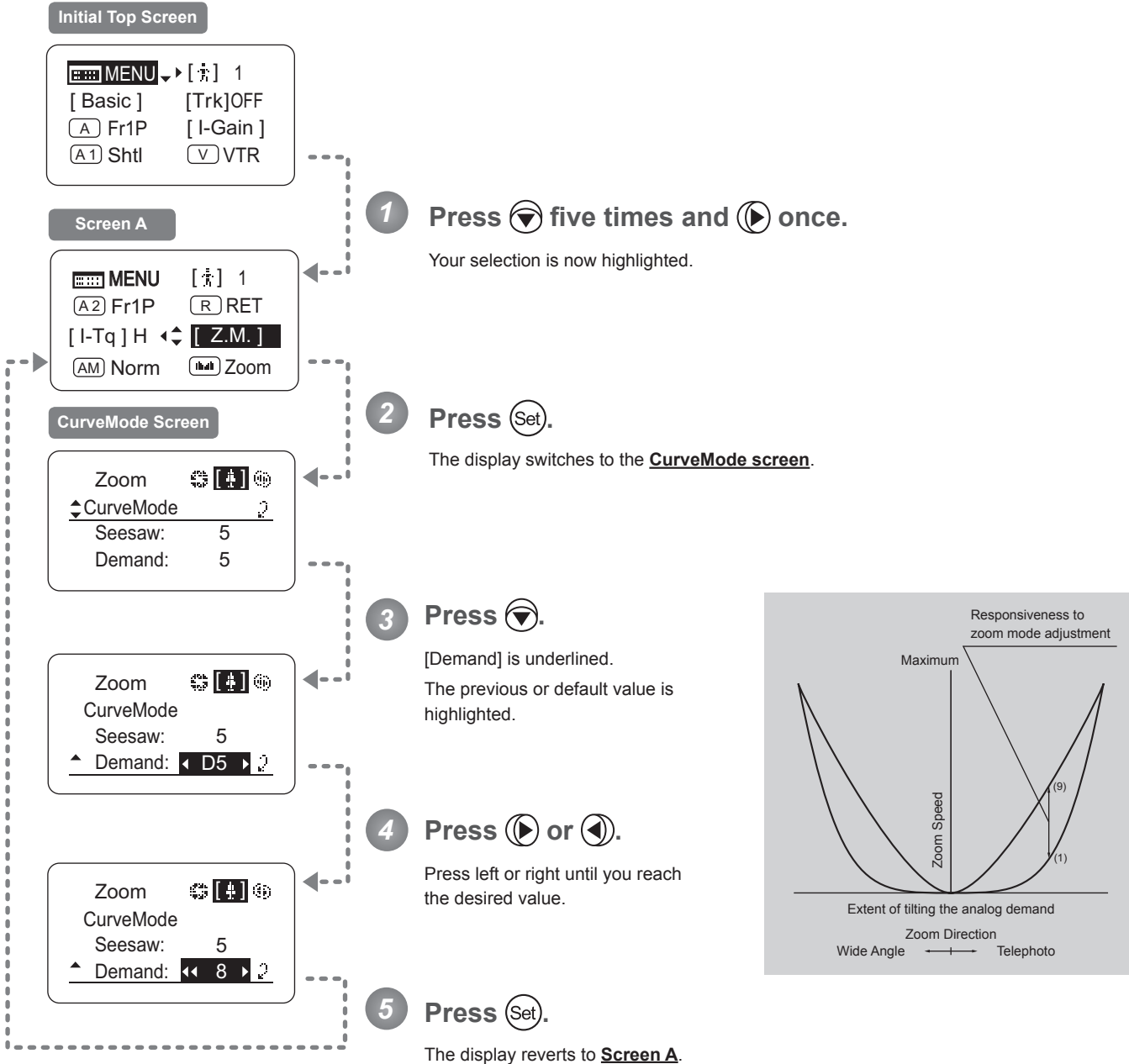
MENU → × 5 → → [Z.M.] → → → or →

## 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



## 4.1.14 Specifying Iris A/M Switch

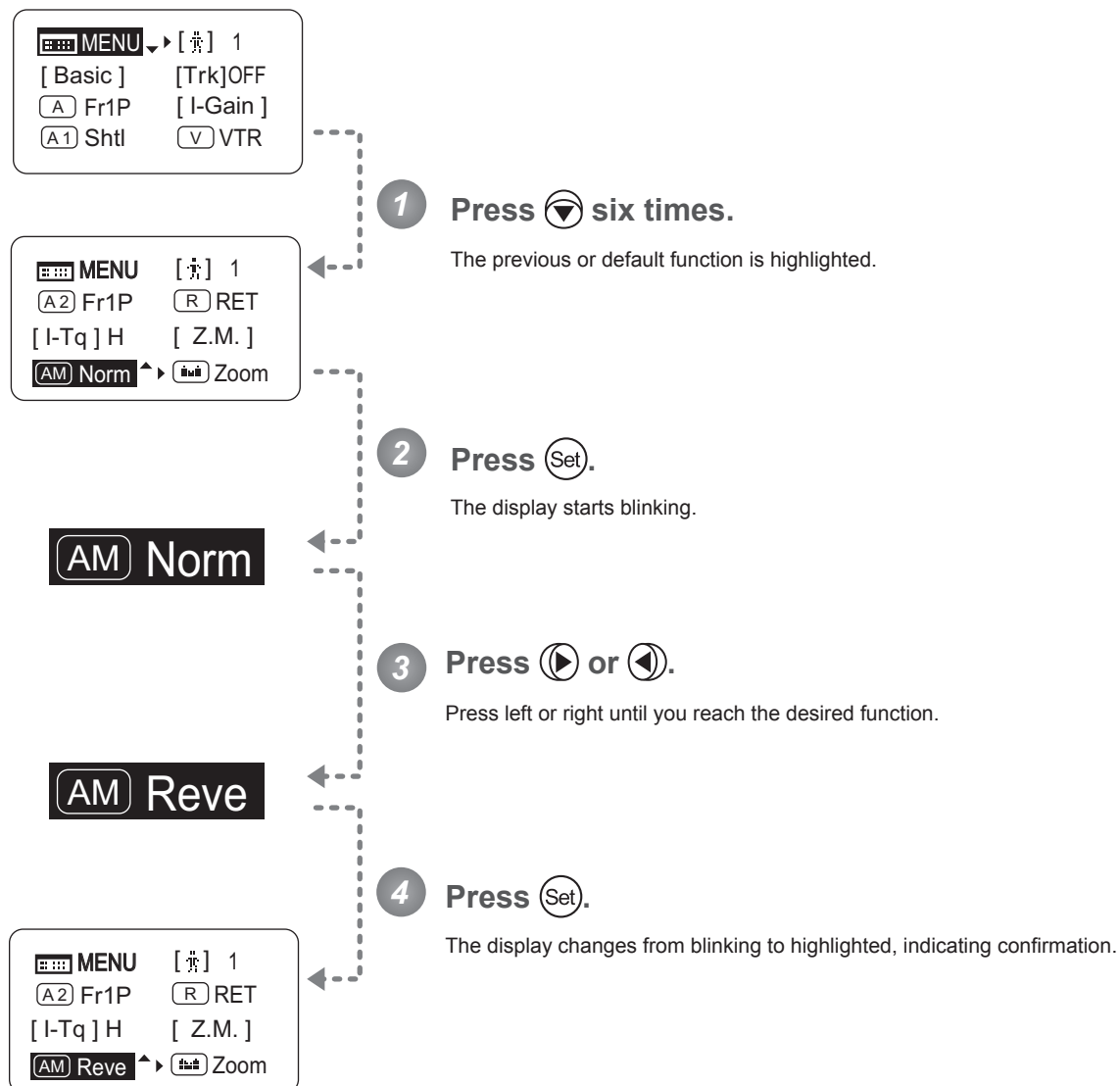
The iris A/M switch on the top of the drive unit can be programmed to activate a function of your choice.

### 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	<sup>(D)</sup> 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



## 4.1.15 Assigning Functions to the Seesaw

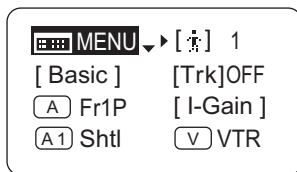


The zoom seesaw switch can be programmed to control either the {Zoom} or {Iris}.

### Important

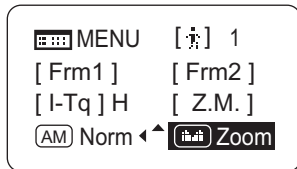
First, switch to the user for whom the settings apply.  
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



**1** Press six times and once.

The previous or default function is highlighted.



**2** Press .

The display starts blinking.



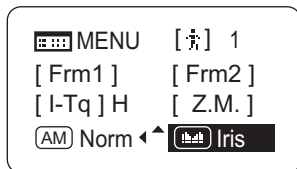
**3** Press or .

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	<sup>(D)</sup> Zoom	Iris
Description	Zoom operation	Iris operation

(D): Default value



## 4.1.16 Escape Operation

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

### Note

Not available when settings are locked.

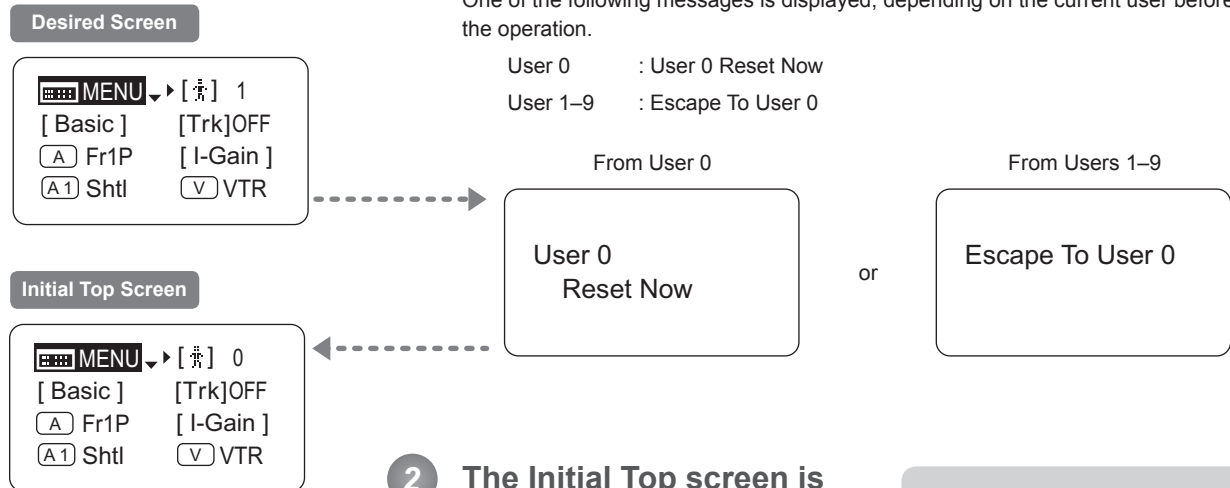
### Note

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

### 1 Hold down both the Display switch and (Set) for at least 2 seconds.

One of the following messages is displayed, depending on the current user before the operation.

User 0 : User 0 Reset Now  
User 1–9 : Escape To User 0



**Note:** Initial User When Restarted  
After restarting, control reverts to the user before this operation.  
However, if you switched users after this operation, control reverts to that user.

[ DISPLAY ] and (Set) 2 seconds

## 4.2 Configuration from the Menu Screen

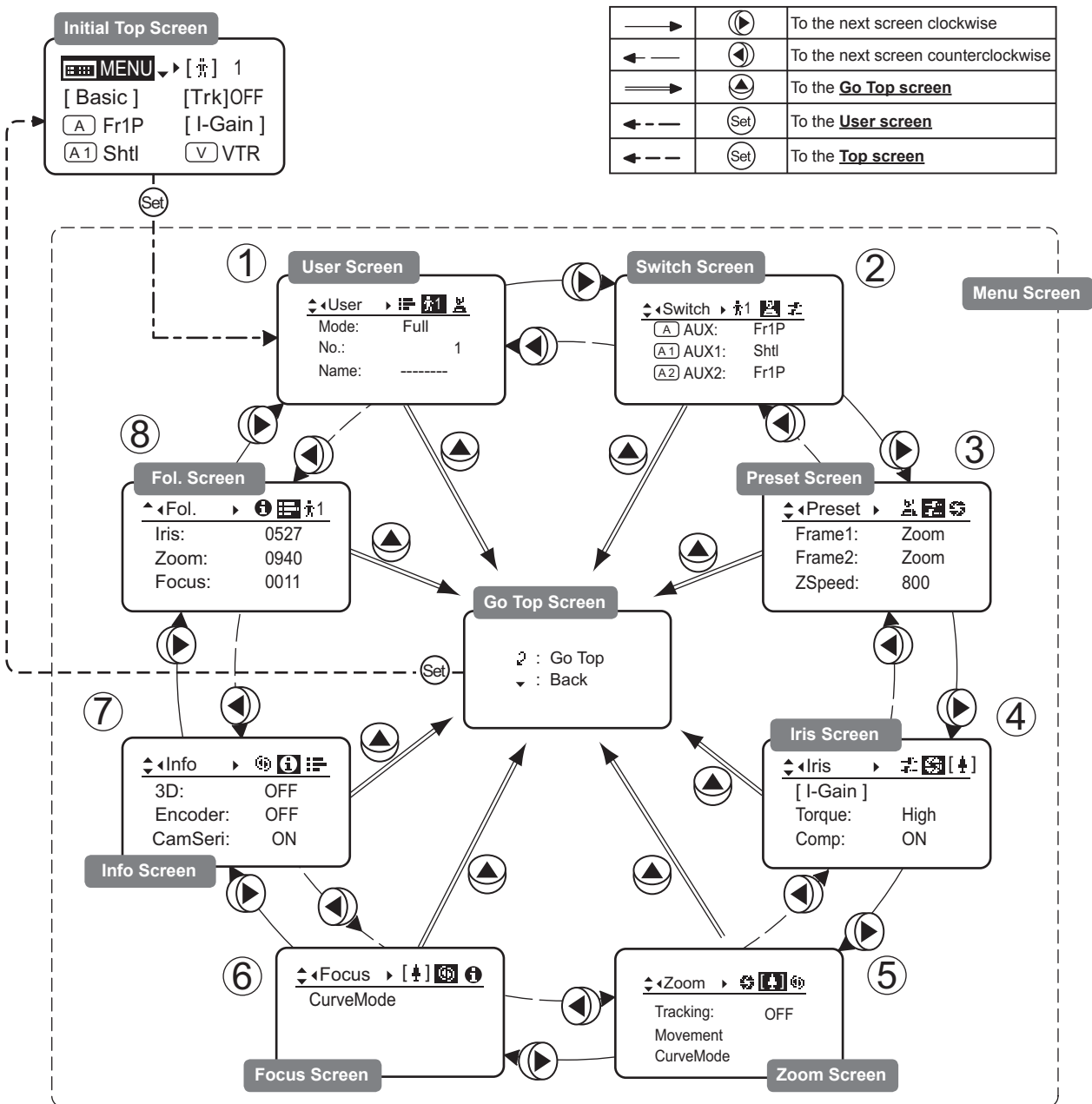
In Full mode, you can view and configure 34 setting items and a “follow” screen with three setting items that have relative values from the **Menu screen**.\*

Specifically, the **Menu screen** in Full mode is organized into 8 (or for “R” type lenses, 7) screens by function: **User screen**, **Switch screen**, **Preset screen**, **Iris screen**, **Zoom screen**, **Focus screen** (only for “A” type lenses), **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**.



①	User Screen.....	4.2.1
②	Switch Screen.....	4.2.2
③	Preset Screen.....	4.2.3
④	Iris Screen .....	4.2.4
⑤	Zoom Screen.....	4.2.5
⑥	Focus Screen .....	4.2.6
⑦	Info Screen .....	4.2.7
⑧	Fol. Screen .....	4.2.8

## 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:		-----	

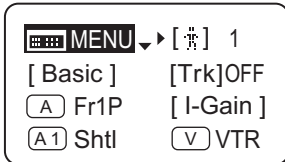
## Switching Modes

Switch to Basic or Analog mode as needed.

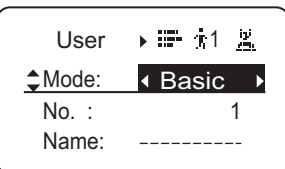
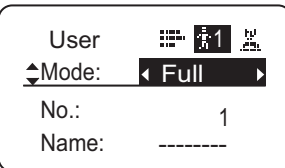
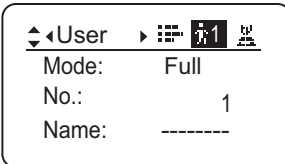
### Important

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	<sup>(D)</sup> Basic	Full	Analog
Save Settings	Basic Mode	Full Mode	Analog Mode

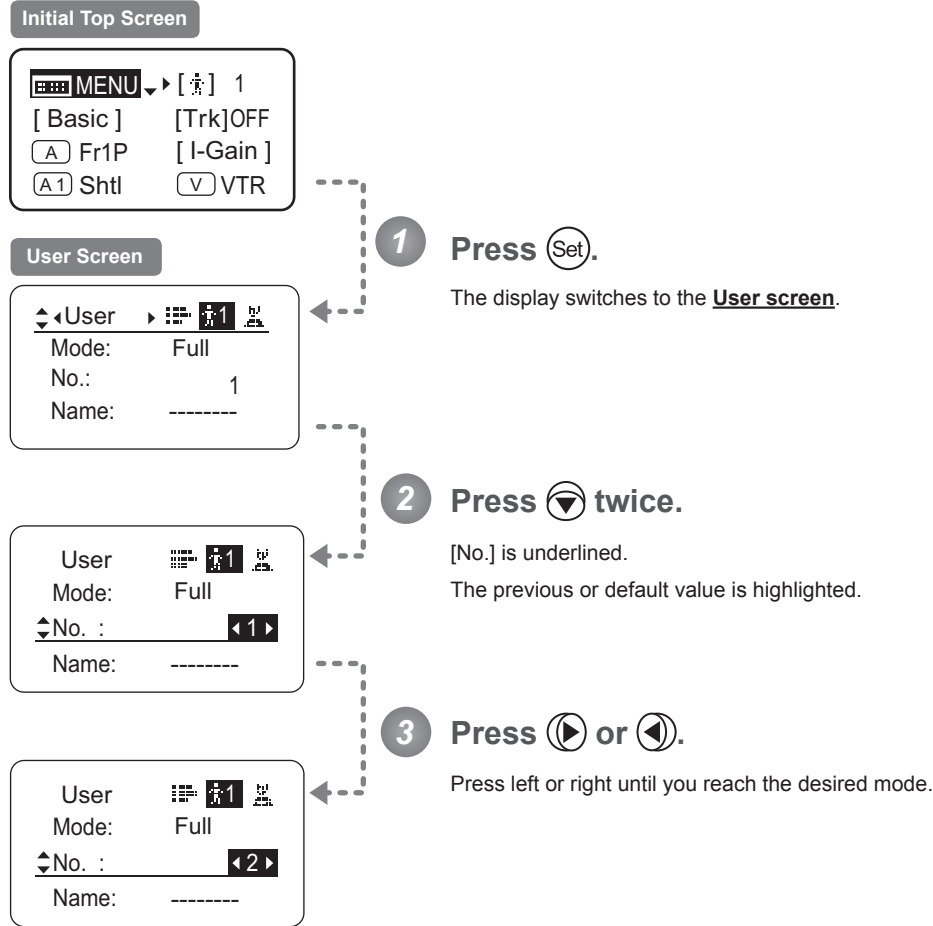
(D): Default value





# Switching Users Top

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



Options	0	<sup>(D)</sup> 1	2	3	4	5	6	7	8	9
<b>Save Settings</b>	Not supported Although settings cannot be saved, they can be changed temporarily. Switching users or turning the lens off will restore default values.	Can be saved for each user								

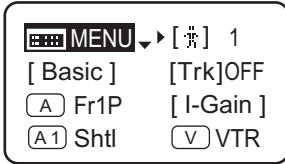
(D): Default value



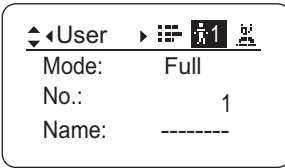
## Naming Users

Users can be named, as needed.

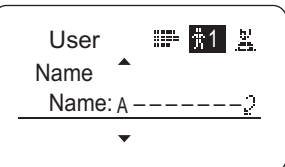
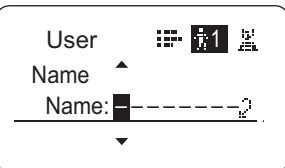
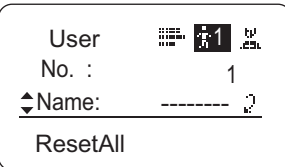
### Initial Top Screen



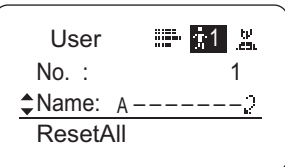
### User Screen



### Title: Name



### 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.”)

**1** Press .

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

**2** Press three times.

[Name] is underlined.

**3** Press .

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 to confirm the name.

The display reverts to **Title: Name**.

<b>Options</b>	(D) -ABCDEFGHIJKLMN OPQRSTUVWXYZ abcdefghijklmnopqrstuvwxy z0123456789
<b>Max. Digits</b>	8

(D) : Default value  
\_ : Space

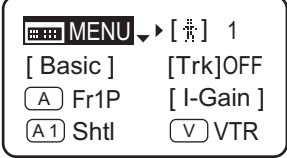


## Resetting Values

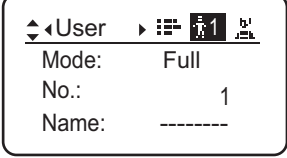
### (1) Resetting One User's Settings

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


**Initial Top Screen**



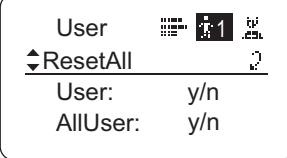
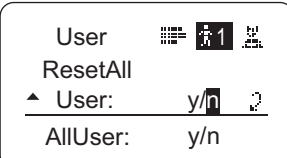
**User Screen**



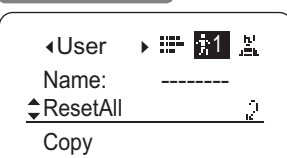
**Title: Reset**



**Reset Screen**










**Title: Reset**




**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 .**  
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 .**  
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:** 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.



## (2) Resetting All Users' Settings

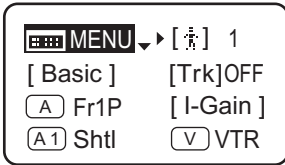
Reset all users' settings to default values as needed.

Note: There is no need to switch users.

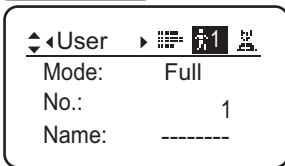
Note: Iris gain values, encoder output setting, and camera follow voltage adjustments are not reset. The current value is retained.

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

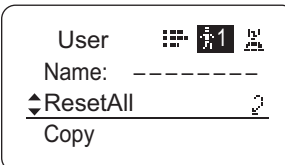
Initial Top Screen



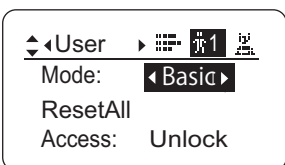
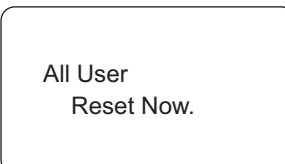
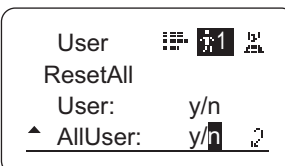
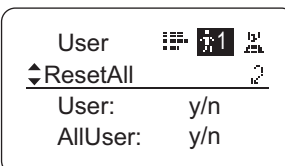
User Screen



Title: Reset



Reset Screen



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

**2 Press **Down Arrow** four times.**  
[ResetAll] is underlined.

**3 Press **Set**.**  
The display switches to the **Reset screen**.

**4 Press **Down Arrow** twice.**  
A confirmation message is displayed about resetting information for the all users.

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

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



## Copying Settings Between Individual Users

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

**Initial Top Screen**

```

MENU [ ] 1
[ Basic ] [Trk]OFF
(A) Fr1P [ I-Gain ]
(A1) Shtl (V) VTR

```

**User Screen**

```

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

```

**Screen A**

```

User [ ] 1
ResetAll
Copy [ ] 2
ToOtherLens

```

**Copy Screen**

```

User [ ] 1
Copy [ ] 2
To No. : 1
Copy: y/n

```

```

User [ ] 1
Copy [ ] 2
To No. : 1
Copy: y/n

```

```

User [ ] 1
Copy [ ] 2
To No. : 3
Copy: y/n

```

```

User [ ] 1
Copy [ ] 2
To No. : 3
Copy: y/n

```

**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.”)

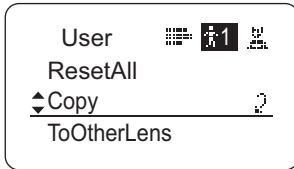
- 1 **Press (Set).**  
The display switches to the User screen.
- 2 **Press (Down Arrow) five times.**  
[Copy] is underlined.
- 3 **Press (Set).**  
The display switches to the Copy screen.
- 4 **Press (Down Arrow).**  
[To No.] is underlined.
- 5 **Press (Right Arrow) or (Left Arrow).**  
Press left or right until you reach the user to copy settings to.
- 6 **Press (Down Arrow).**  
[Copy] is underlined, and you can select {y} (yes) or {n} (no).

**Note:** You can cancel copying and restore the original values at any time before pressing (Set) in step 7. To return to the previous screen, press up. To cancel copying and turn off the display, press the Display switch.

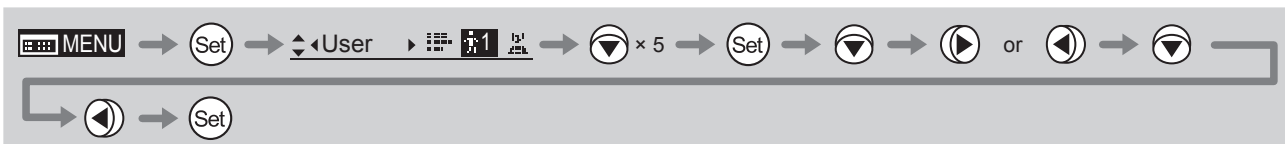
Continued from previous page

7 Press  and then .

Screen A



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

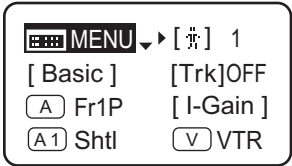


## Copying Settings Between Lenses

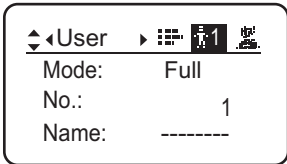
Setting information can be copied between information displays of drive units mounted on the display. You can copy either settings for individual users or for all users. Copying requires a dedicated cable, sold separately. For details, contact Canon or your dealer.

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

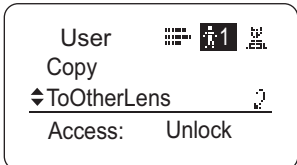
**Initial Top Screen**



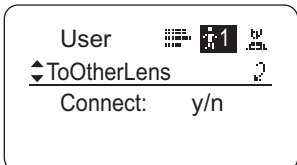
**User Screen**



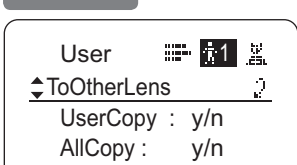
**Screen A**



**ToOtherLens Screen**



**Screen B**



**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.)

**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).**  
The display switches to Screen B.

**6 Press (Down Arrow).**

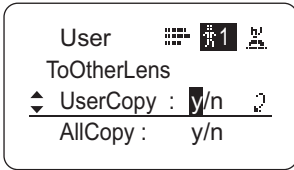
**Important**

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:** You can cancel copying and restore the original values at any time before pressing (Set) in step 11. To return to the previous screen, press up. To cancel copying and turn off the display, press the Display switch.

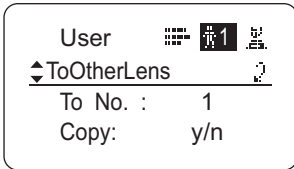
Continued from previous page

Copy Selection Screen



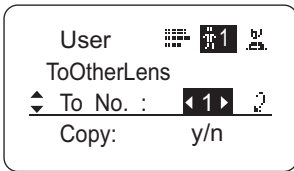
The display switches to the Copy selection screen.

Target User Selection Screen



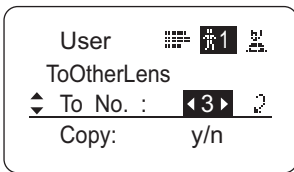
**7** Press **Set**.

The display switches to the Target user selection screen.



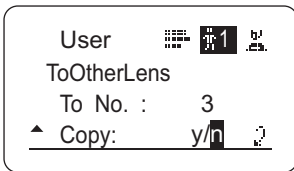
**8** Press **Down Arrow**.

[To No.] is underlined.



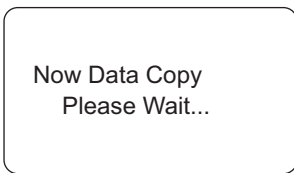
**9** Press **Left Arrow** or **Right Arrow**.

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



**10** Press **Down Arrow**.

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

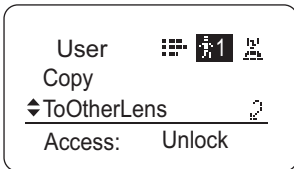


**11** Press **Left Arrow** and then **Set**.<sup>\*1</sup>

\*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.

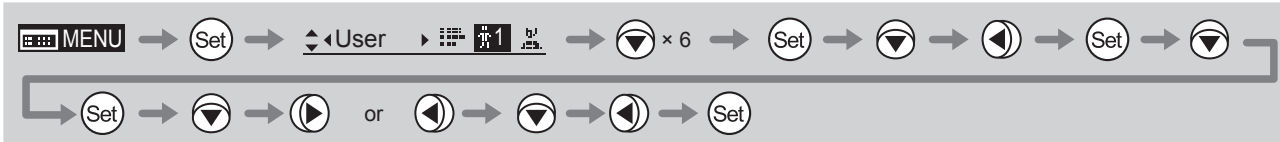
Screen A



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.<sup>\*2</sup>

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**

**User Screen**

**Screen A**

**ToOtherLens Screen**

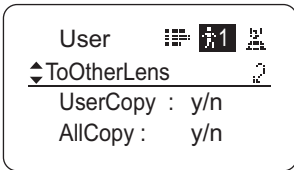
- 1 Press **Set**.  
The display switches to the **User screen**.
- 2 Press **Down Arrow** six times.  
[ToOtherLens] is underlined.
- 3 Press **Set**.  
The display switches to the **ToOtherLens screen**.
- 4 Press **Down Arrow**.  
[Connect] is underlined, and you can select {y} (yes) or {n} (no).
- 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

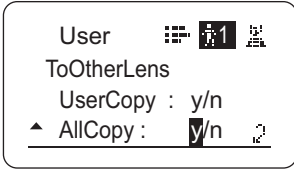
Screen B



The display switches to **Screen B**.

**6** Press twice.

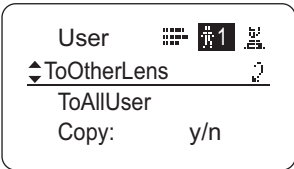
[AllCopy] is underlined, and you can select {y} (yes) or {n} (no).



**7** Press .

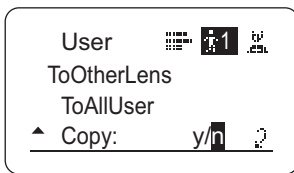
The display switches to the **AllCopy screen**.

AllCopy Screen

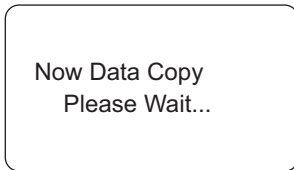


**8** Press .

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



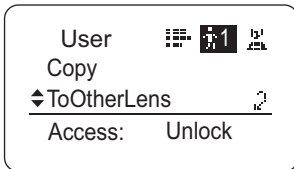
**9** Press and then .



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. <sup>\*2</sup>

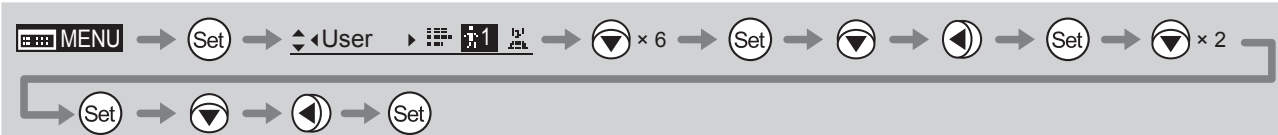
Screen A



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

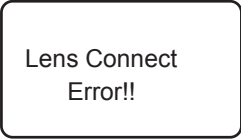
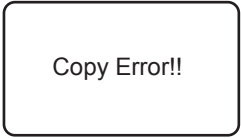
\*2: To avoid problems during copying, do not operate controls or press the Display switch on the source or target lenses. Do not perform other operations.

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
	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.
	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 <b>Screen A</b> , and follow the steps to copy again, from the start. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center; background-color: #cccccc; margin: 0;">Screen A</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>User</span> <span>☰ 1</span> <span>👤</span> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Copy</span> <span>↔</span> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>↕ ToOtherLens</span> <span>?</span> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Access: Unlock</span> </div> </div>
	Confirm that the source and target lenses are on.		

## 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.”



### Note

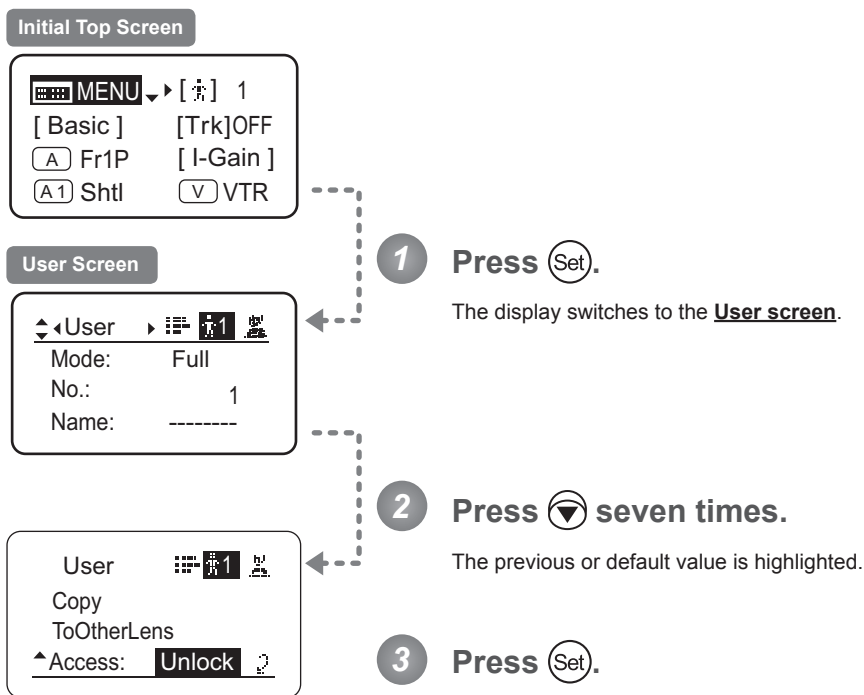
User numbers 0–9 in the user number field indicate users that are unlocked.  
 “Lock” in the user number field indicate users that are locked.

### Note

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

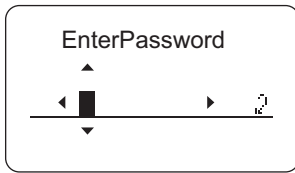
- Preset data (Shuttle shot position, Frame preset position, Preset speed)
- Zoom tracking position, on/off
- Auto iris gain setting
- Specifying encoder output
- Camera follow voltage adjustments

## (1) Locking Settings



Continued on next page

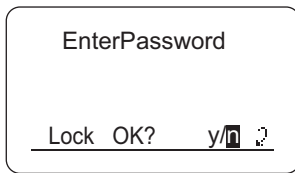
Continued from previous page



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

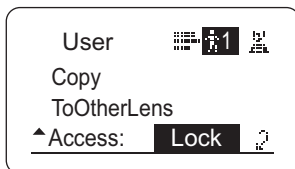
Entering Passwords

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.

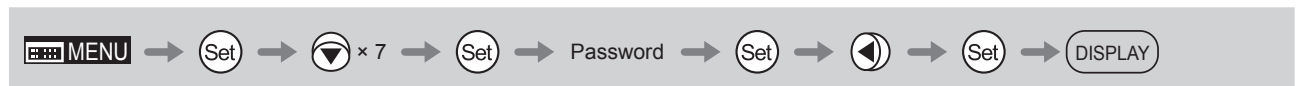
Characters supported in passwords

<b>Options</b>	<sup>(D)</sup> _-ABCDEFGHIJKLMN OPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789
<b>Max. Digits</b>	8

(D) : Default value  
\_ : Space

<b>Options</b>	<sup>(D)</sup> Unlock	Lock
----------------	-----------------------	------

(D): Default value

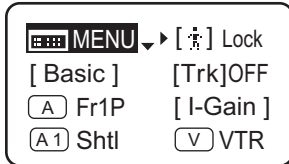


## (2) Unlocking Settings

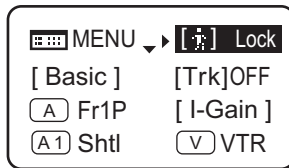
Settings can be unlocked in two ways, as follows.

### (Unlocking Setting 1)

Initial Top Screen



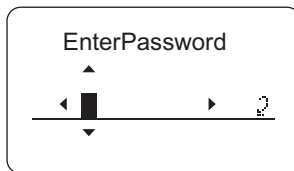
1 Press



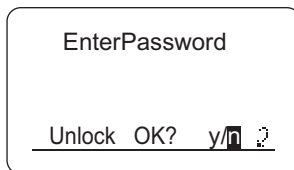
2 Press .  
The display starts blinking.



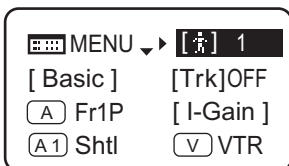
3 Press or .



4 Enter the password and press .  
The password you entered to lock settings is the password used to unlock them.



5 Press and then .  
"Lock" changes to the user number.  
(The previously locked user number is displayed.)



Options	<sup>(D)</sup> Unlock	Lock
---------	-----------------------	------

(D): Default value



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

MENU ▾ ▶ [ # ] Lock  
 [ Basic ] [Trk]OFF  
 (A) Fr1P [ I-Gain ]  
 (A1) Shtl (V) VTR

**User Screen**

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

User   
 Copy  
 ToOtherLens  
 ^ Access: Lock

EnterPassword  
 ▲  
 ───────────▶   
 ▼

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.

→ → × 7 → → Password → → →

## 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**.



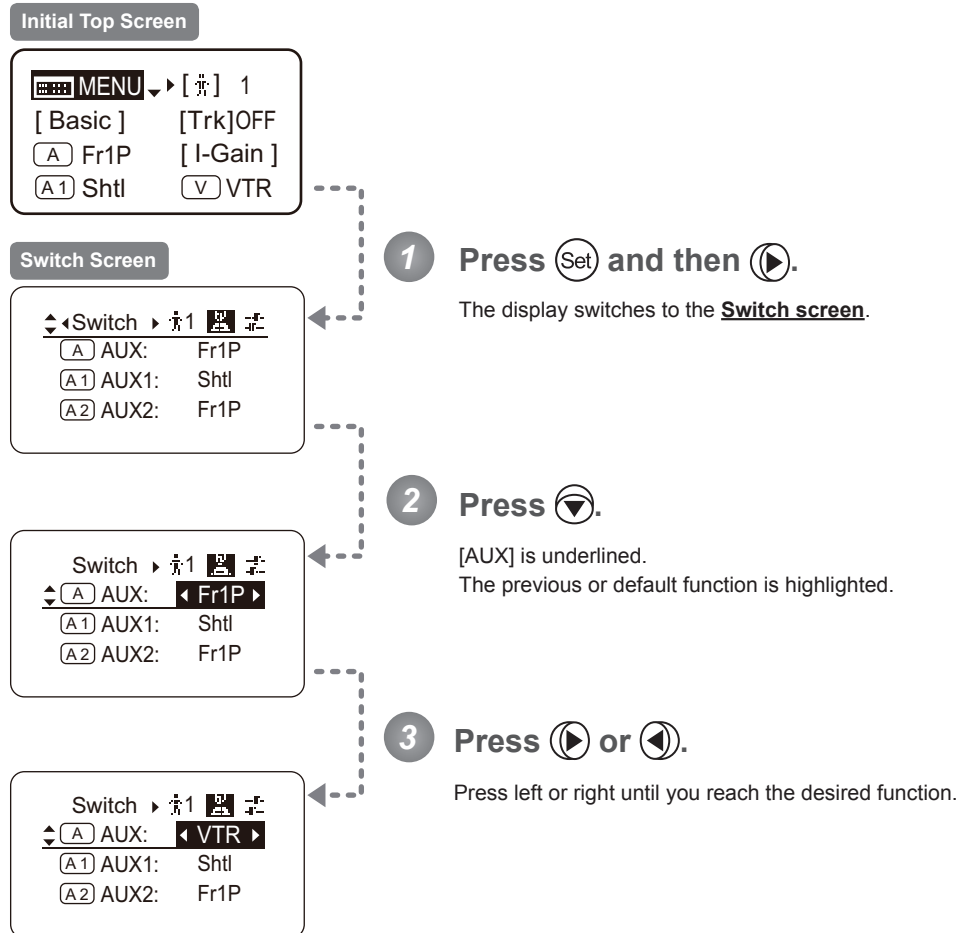
## Assigning Functions to the AUX Switch Top

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

### Important

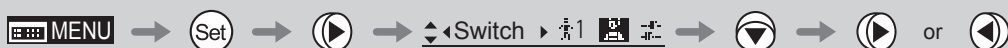
First, switch to the user for whom the settings apply.

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



Options	<sup>(D)</sup> Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
<b>Description</b>	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

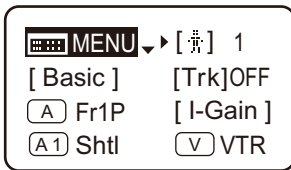
The AUX1 switch can be programmed to activate a function of your choice.

### Important

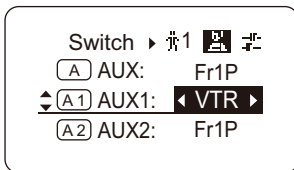
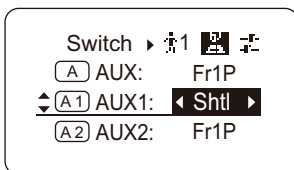
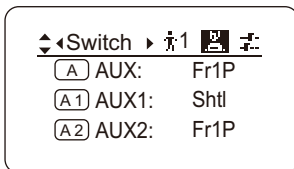
First, switch to the user for whom the settings apply.

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

#### Initial Top Screen



#### Switch Screen



**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	<sup>(D)</sup> 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



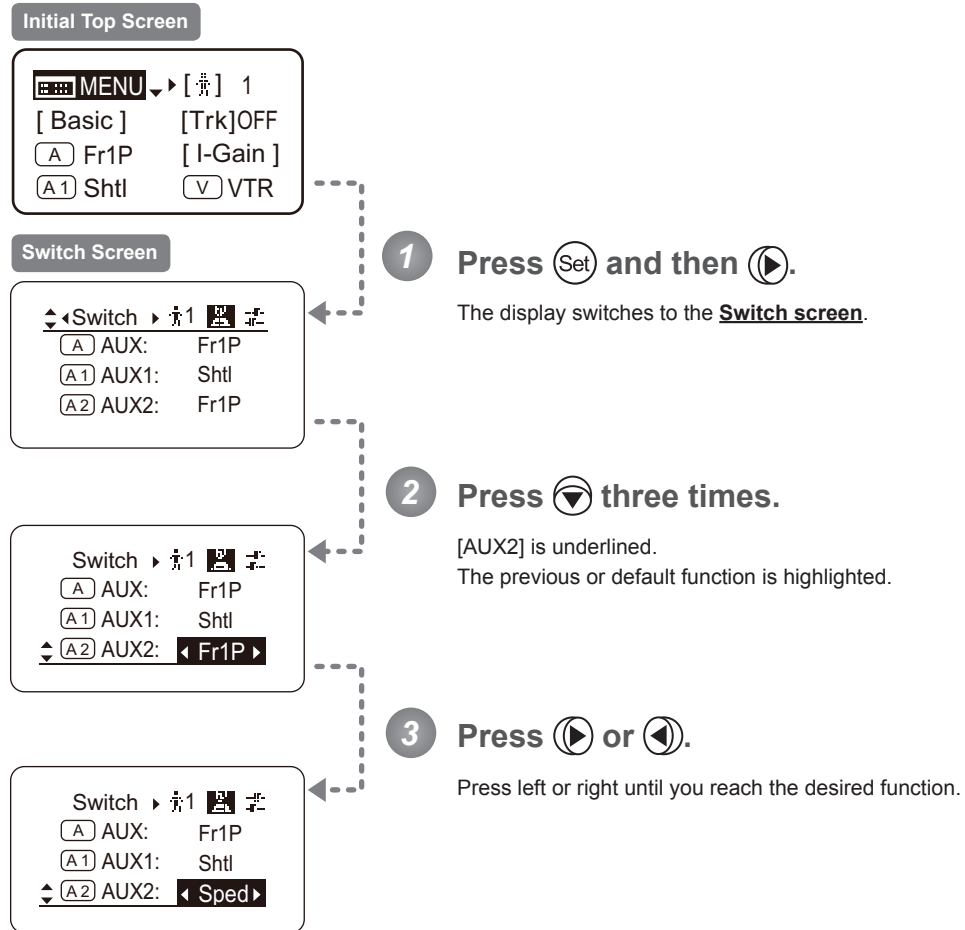
## Assigning Functions to the AUX2 Switch Top

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.”)



Options	<sup>(D)</sup> 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 VTR Switch Top

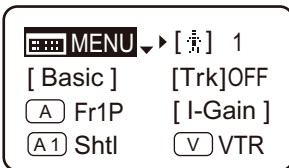
The VTR switch can be programmed to activate a function of your choice.

### Important

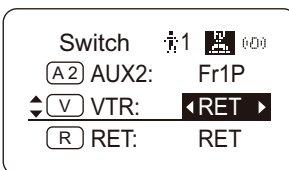
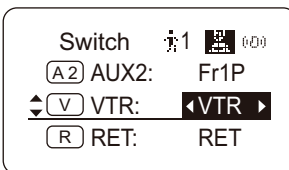
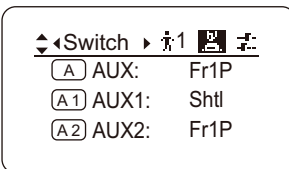
First, switch to the user for whom the settings apply.

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

#### Initial Top Screen



#### Switch Screen



**1** Press **Set** and then **▶**.

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

**2** Press **◂** four times.

[VTR] 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	Shtl	<sup>(D)</sup> 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

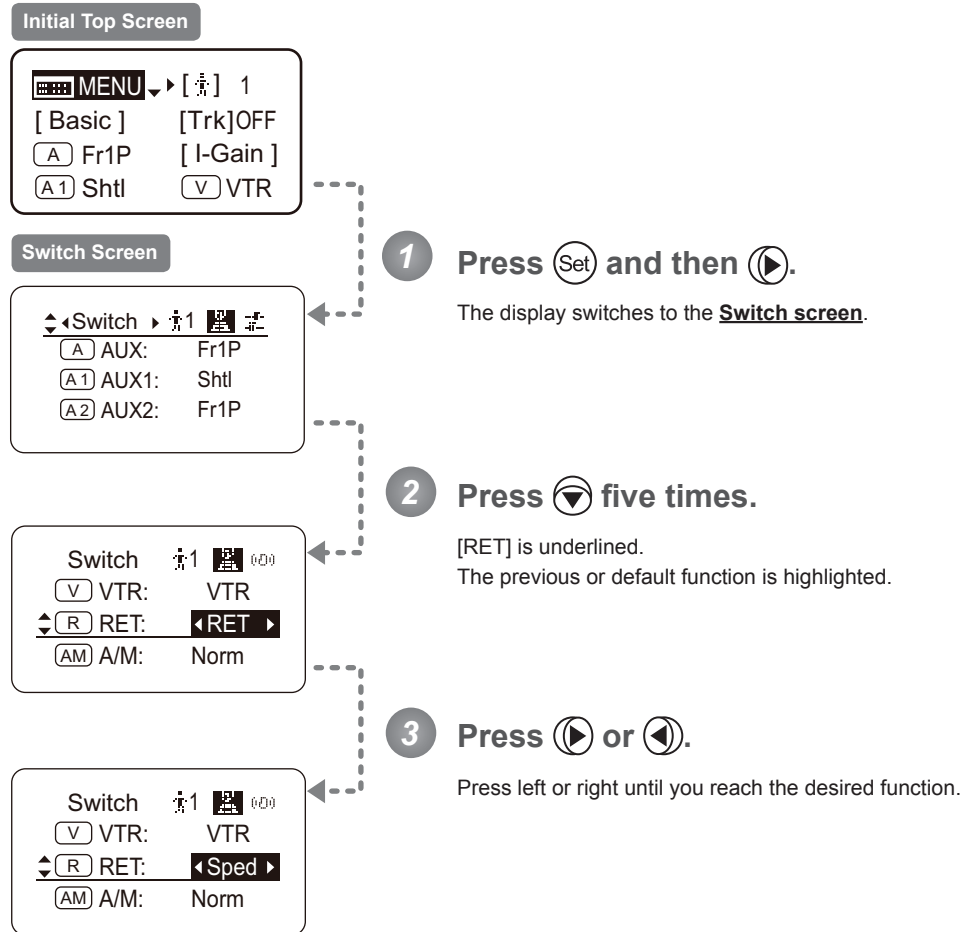


## Assigning Functions to the RET Switch Top

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.”)



Options	Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	VTR	<sup>(D)</sup> 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



## Specifying Iris A/M Switch Top

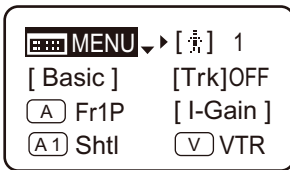
The Iris A/M switch can be programmed to activate a function of your choice.

### Important

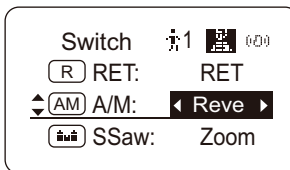
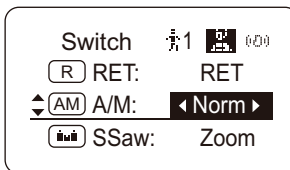
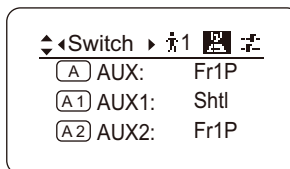
First, switch to the user for whom the settings apply.

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

#### Initial Top Screen



#### Switch Screen



**1** Press **Set** and then **▶**.

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

**2** Press **◂** six times.

[A/M] is underlined.

The previous or default function is highlighted.

**3** Press **▶** or **◂**.

Press left or right until you reach the desired function.

Options	<sup>(D)</sup> 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

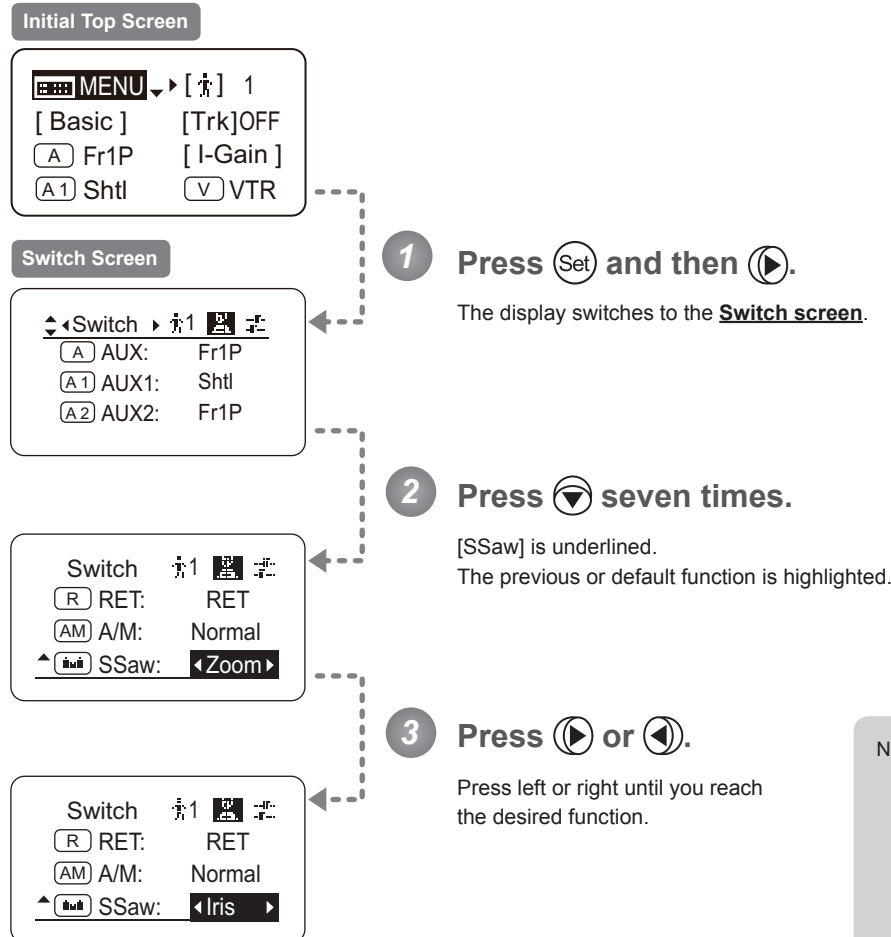


## Assigning Functions to the Seesaw Top

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.”)



**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	<sup>(D)</sup> Zoom	Iris
<b>Description</b>	Zoom operation	Iris operation

(D): Default value



## 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



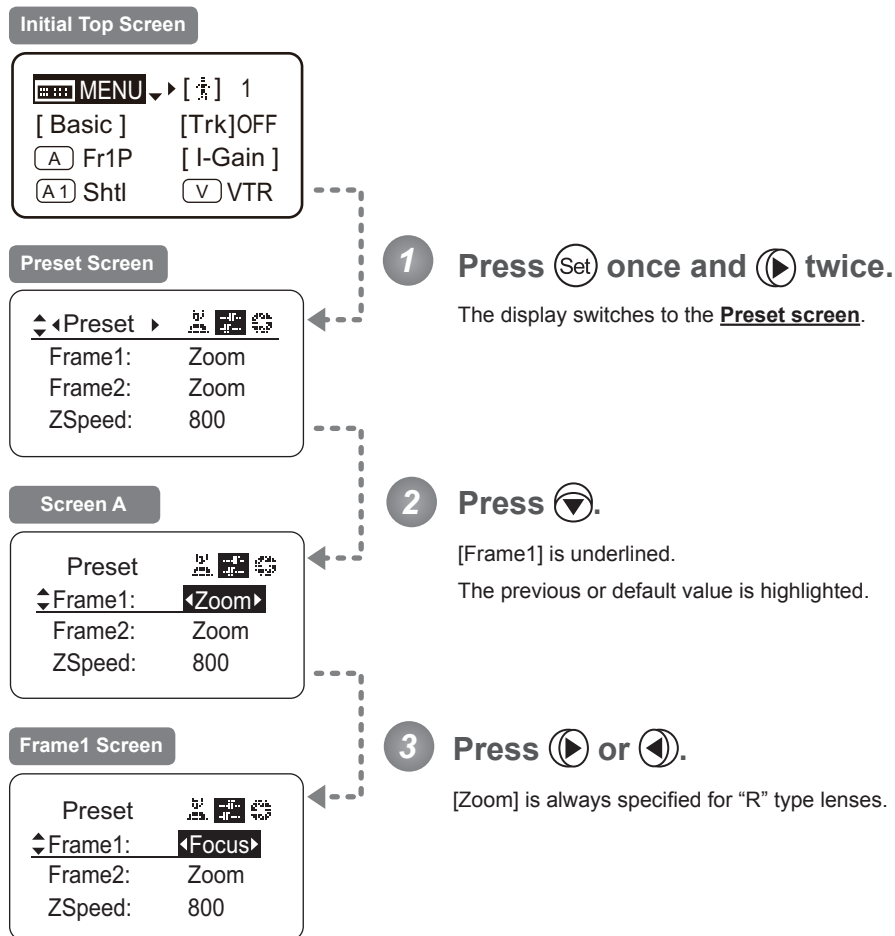
## Switching What Frame Preset 1 Controls

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

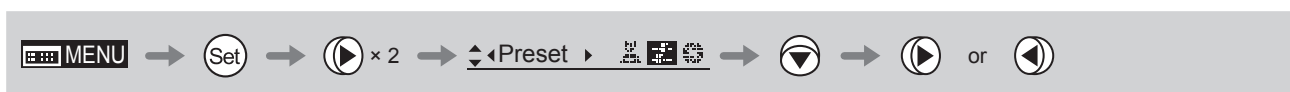
### Important

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	<sup>(D)</sup> 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.

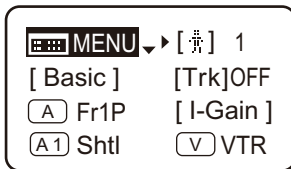
- Zoom : Move the zoom position to the position in memory
- Focus : Move the focus position to the position in memory
- Z+F : Move the zoom and focus position to the position in memory

### Important

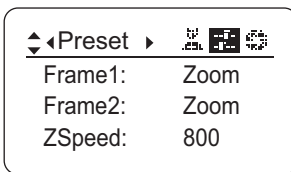
First, switch to the user for whom the settings apply.

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

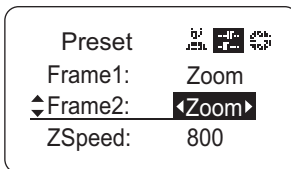
#### Initial Top Screen



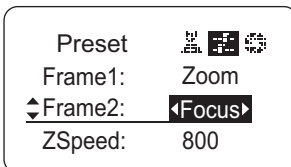
#### Preset Screen



#### Screen A



#### Frame2 Screen



**1** Press **Set** once and **Play** twice.

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

**2** Press **Down Arrow** twice.

[Frame2] is underlined.

The previous or default value is highlighted.

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

[Zoom] is always specified for “R” type lenses.

Options	<sup>(D)</sup> 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.

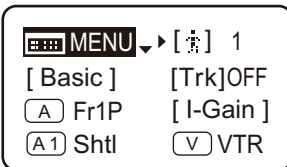
Regardless of the method of adjustment used, the most recent setting takes precedence.

### Important

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

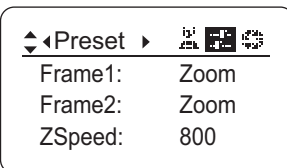
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

#### Initial Top Screen



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

#### Preset Screen



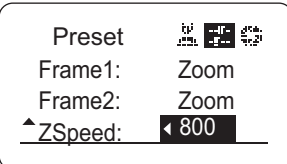
### 1 Press once and twice.

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

### 2 Press three times.

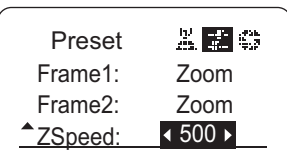
[ZSpeed] is underlined.

The previous or default value is highlighted.



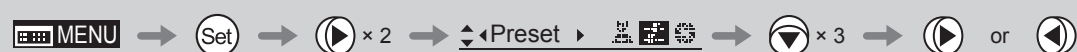
### 3 Press or .

Press left or right until you reach the desired value.



Options	1	to	<sup>(D)</sup> 800
Description	Slowest		Fastest

(D): Default value

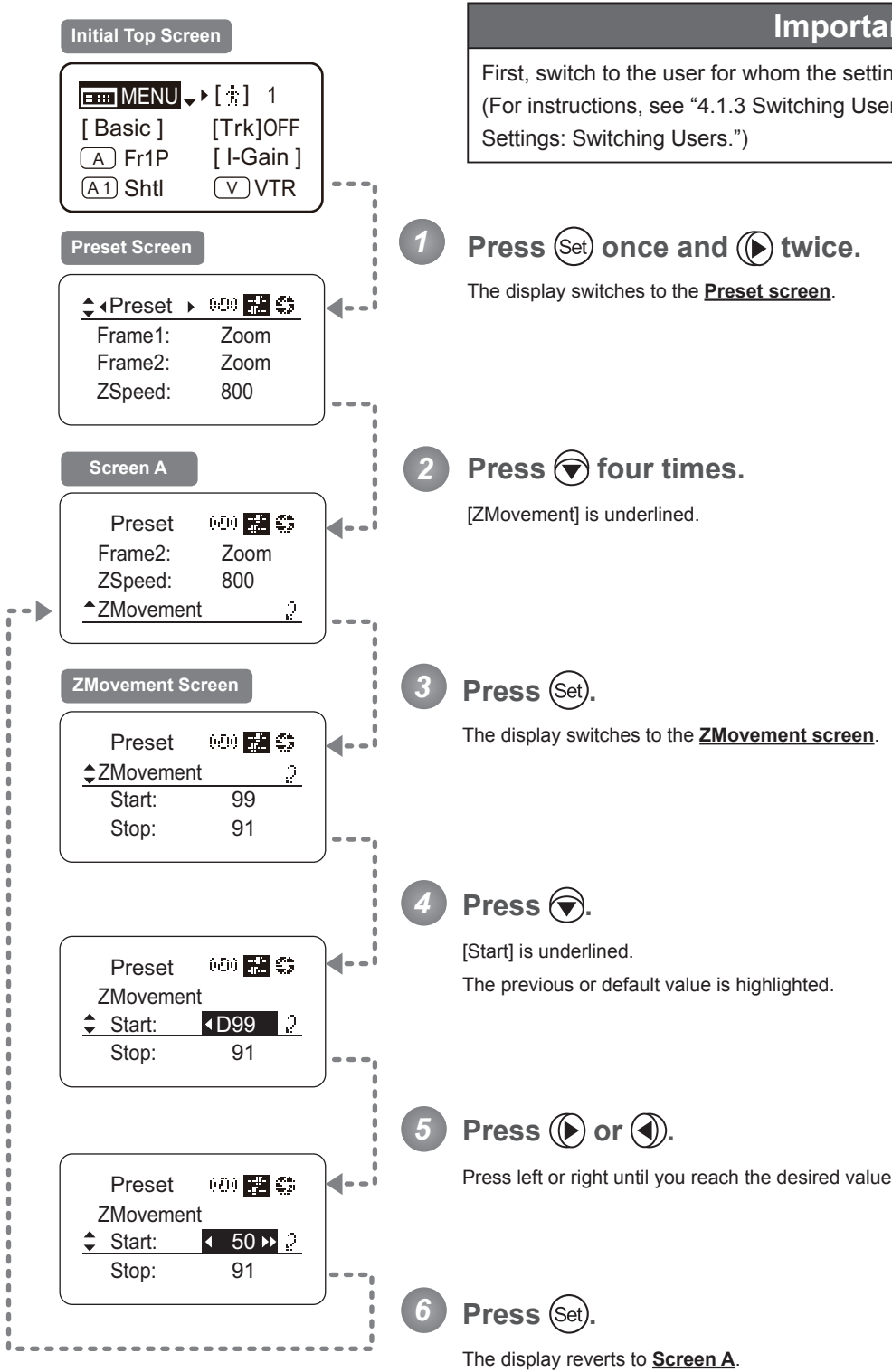


## Specifying Zoom Start Responsiveness for Presets

Specify initial responsiveness in zooming for preset operations.

**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 **Set** once and **Play** twice.

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

**2** Press **Down** four times.

[ZMovement] is underlined.

**3** Press **Set**.

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

**4** Press **Down**.

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

**5** Press **Play** or **Left**.

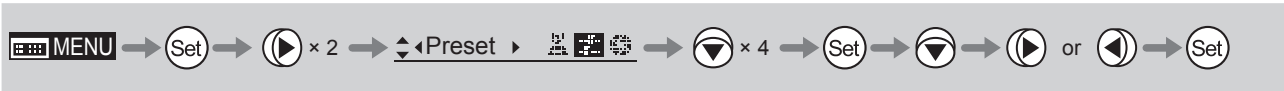
Press left or right until you reach the desired value.

**6** Press **Set**.

The display reverts to **Screen A**.

<b>Options</b>	00	to	(D) 99
<b>Description</b>	Start gradually		Start quickly

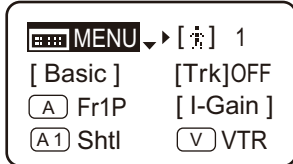
(D): Default value



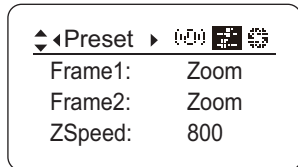
## Specifying Zoom Stop Responsiveness for Presets

Specify final responsiveness in zooming for preset operations.

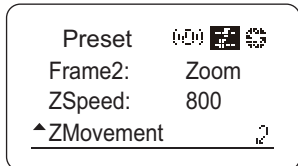
### Initial Top Screen



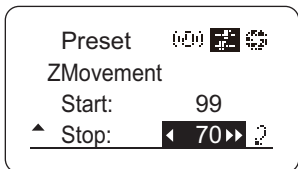
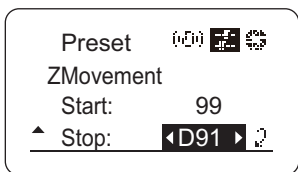
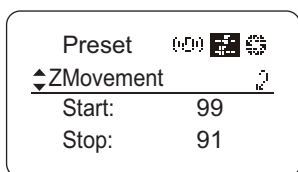
### Preset Screen



### Screen A



### ZMovement Screen



### 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 **Set** once and **Play** twice.

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

**2** Press **Down Arrow** four times.

[ZMovement] is underlined.

**3** Press **Set**.

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

**4** Press **Down Arrow** twice.

[Stop] is underlined.

The previous or default value is highlighted.

**5** Press **Play** or **Left Arrow**.

Press left or right until you reach the desired value.

**6** Press **Set**.

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

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

## Specifying Iris Gain

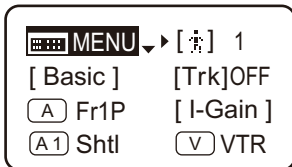
### (1) Specifying Auto Iris Gain Top

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

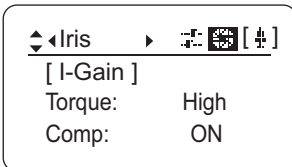
To adjust the value, use either the auto iris gain adjustment trimmer (refer to the Lens Manual) or display operations. Regardless of the method of adjustment used, the most recent setting takes precedence.

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.

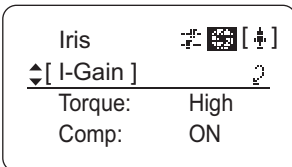
**Initial Top Screen**



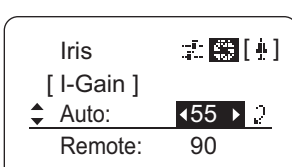
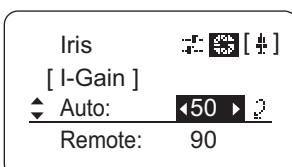
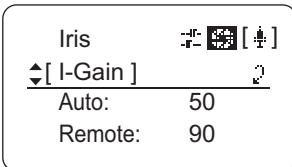
**Iris Screen**



**Screen A**



**[I-Gain] Screen**



**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 "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.

<b>Options</b>	01	to	99
<b>Description</b>	Minimum gain		Maximum gain

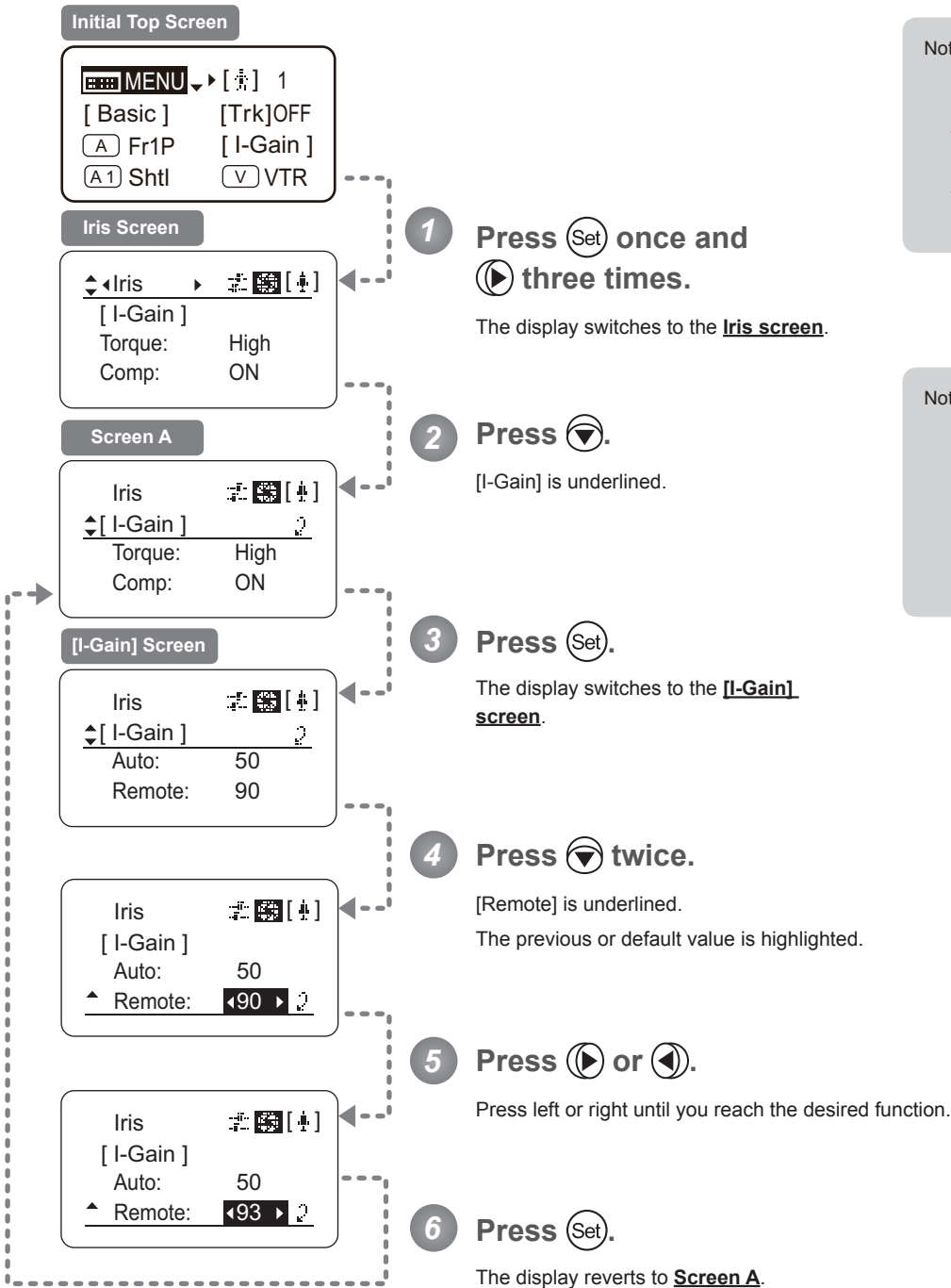
Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.



## (2) Specifying Remote Iris Gain 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.



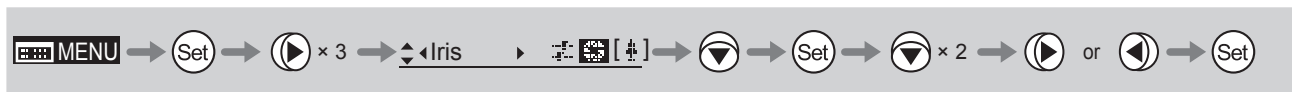
**Note:** Do the following when adjusting gain while checking iris operation.

- 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.

<b>Options</b>	01	to	99
<b>Description</b>	Minimum gain		Maximum gain

Default value: 90





## Specifying Iris Torque Top

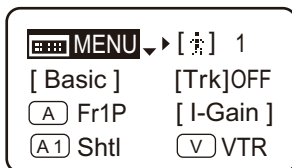
Specify the desired level of torque in manual control of the iris ring.

### Important

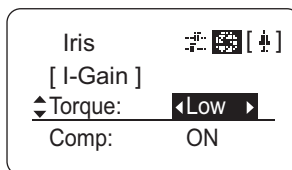
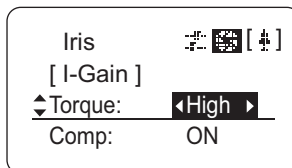
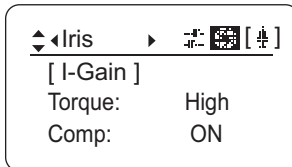
First, switch to the user for whom the settings apply.

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

#### Initial Top Screen



#### Iris Screen



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

The display switches to the Iris screen.

- 2 Press **▼** twice.

[Torque] is underlined.

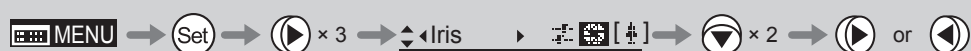
The previous or default function is highlighted.

- 3 Press **▶** or **◀**.

Press left or right to switch the function to {High} or {Low}.

Options	<sup>(D)</sup> High	Low
Description	High torque	Low torque

(D): Default value



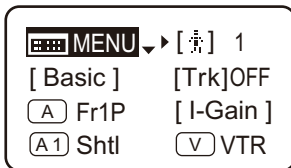
## Iris Compensation ON/OFF

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.

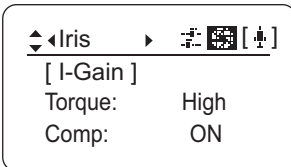
### Important

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



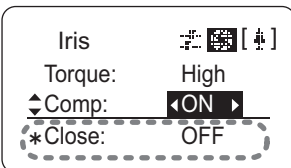
**1** Press **Set** once and **▶** three times.

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

**2** Press **◂** three times.

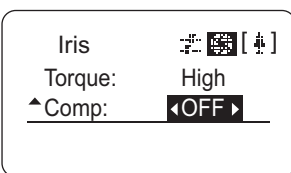
[Comp] is underlined.  
The previous or default function is highlighted.

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



**3** Press **▶** or **◂**.

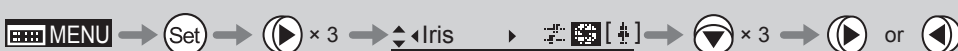
Press left or right to switch the function {ON} or {OFF}.



**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.”

Options	<sup>(D)</sup> ON	OFF
Description	Iris compensation	No iris compensation

(D): Default value

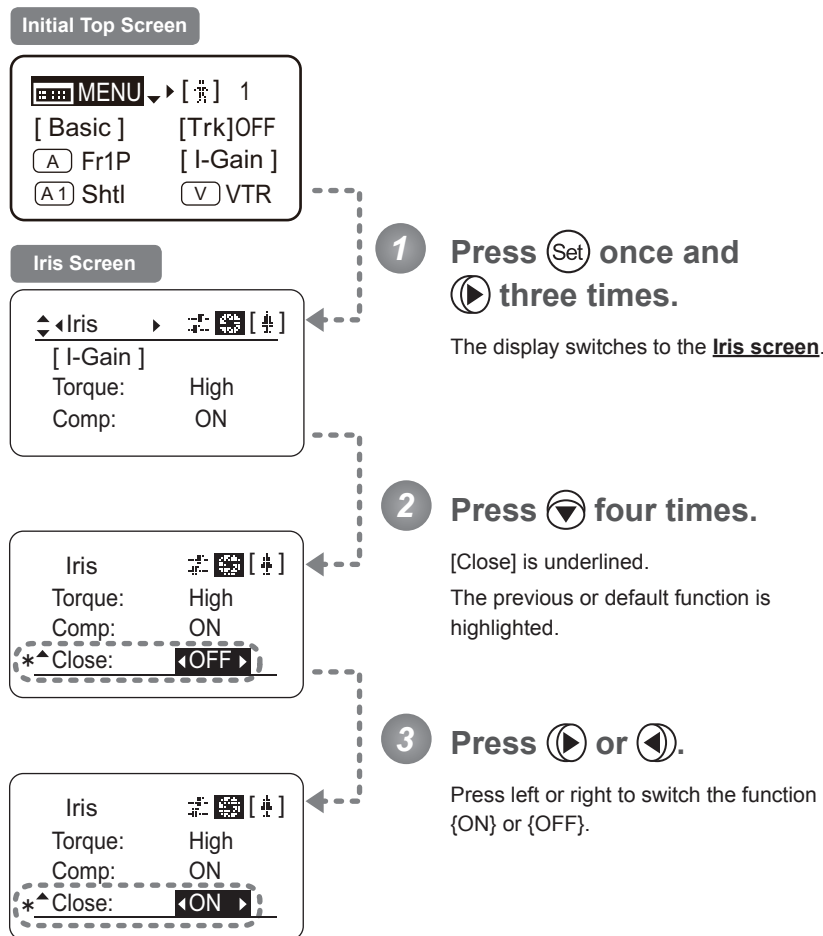


## Iris Close Detection ON/OFF

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.”)



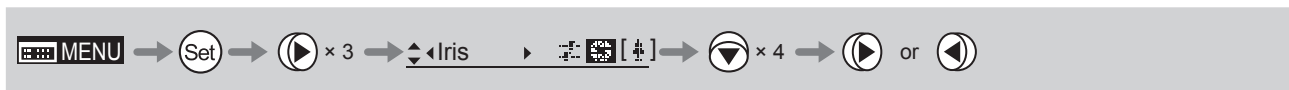
Note: With some cameras, iris compensation may conflict with iris control by the camera, preventing correct iris operation. If so, deactivate iris close detection.

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

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

Options	<sup>(D)</sup> OFF	ON
Description	No close detection	Close detection

(D): Default value



## 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.

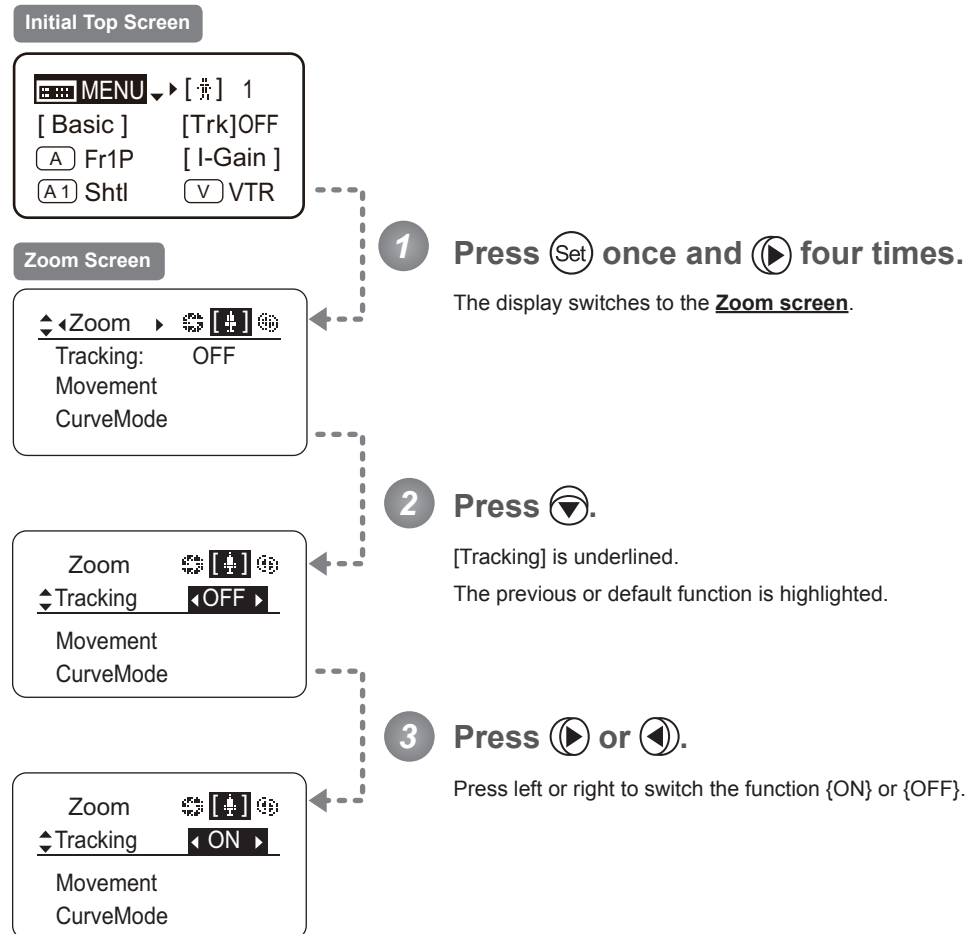
## Zoom Tracking ON/OFF Top

Activate or deactivate zoom tracking as needed.

### Important

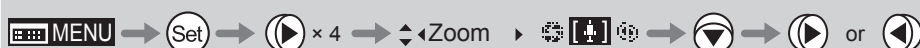
First, switch to the user for whom the settings apply.

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



Options	<sup>(D)</sup> OFF	ON
Description	Zoom tracking disabled	Zoom tracking enabled

(D): Default value



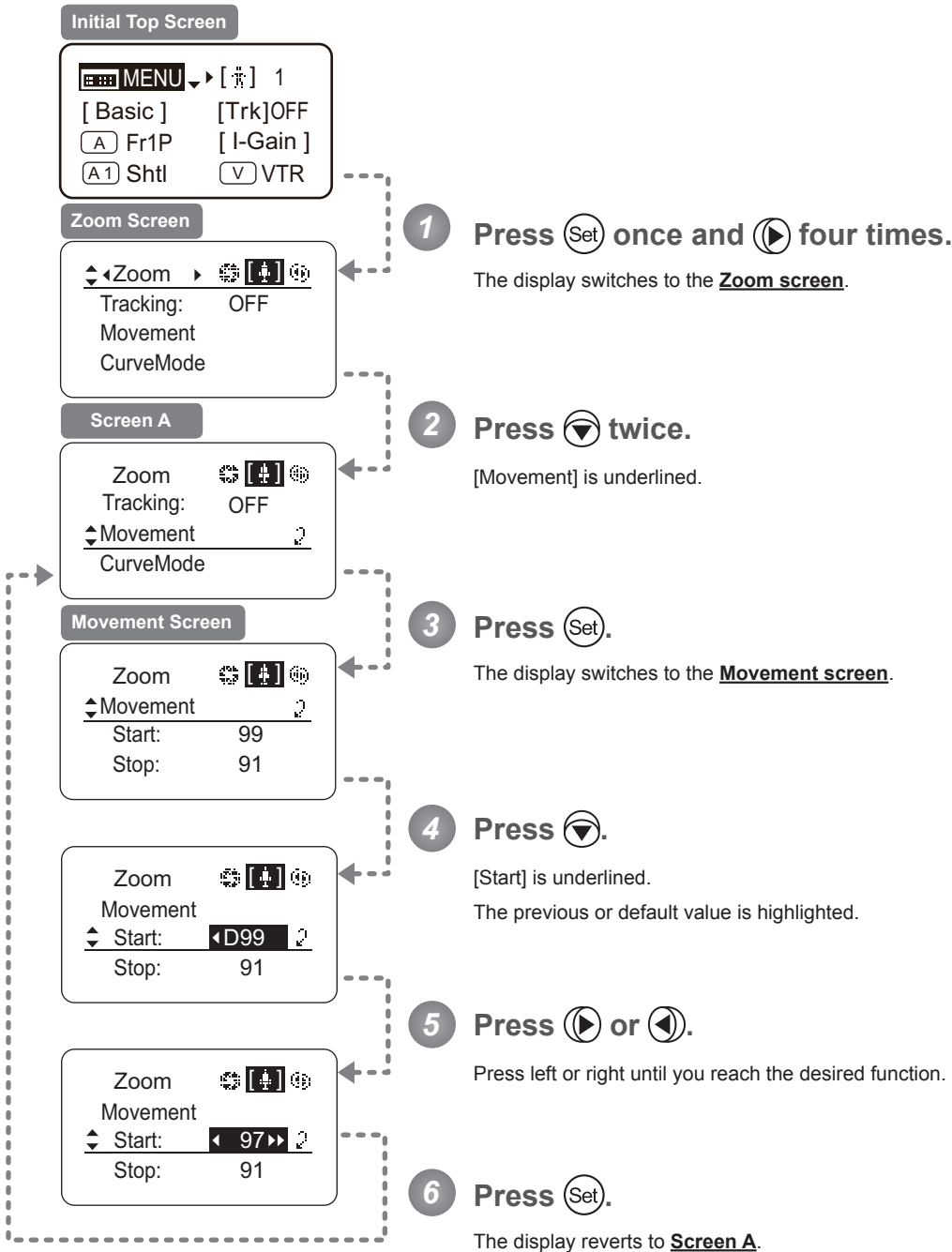
## Specifying Zoom Servo Start Responsiveness

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.”)



<b>Options</b>	00	to	<sup>(D)</sup> 99
<b>Description</b>	Start gradually		Start quickly

(D): Default value

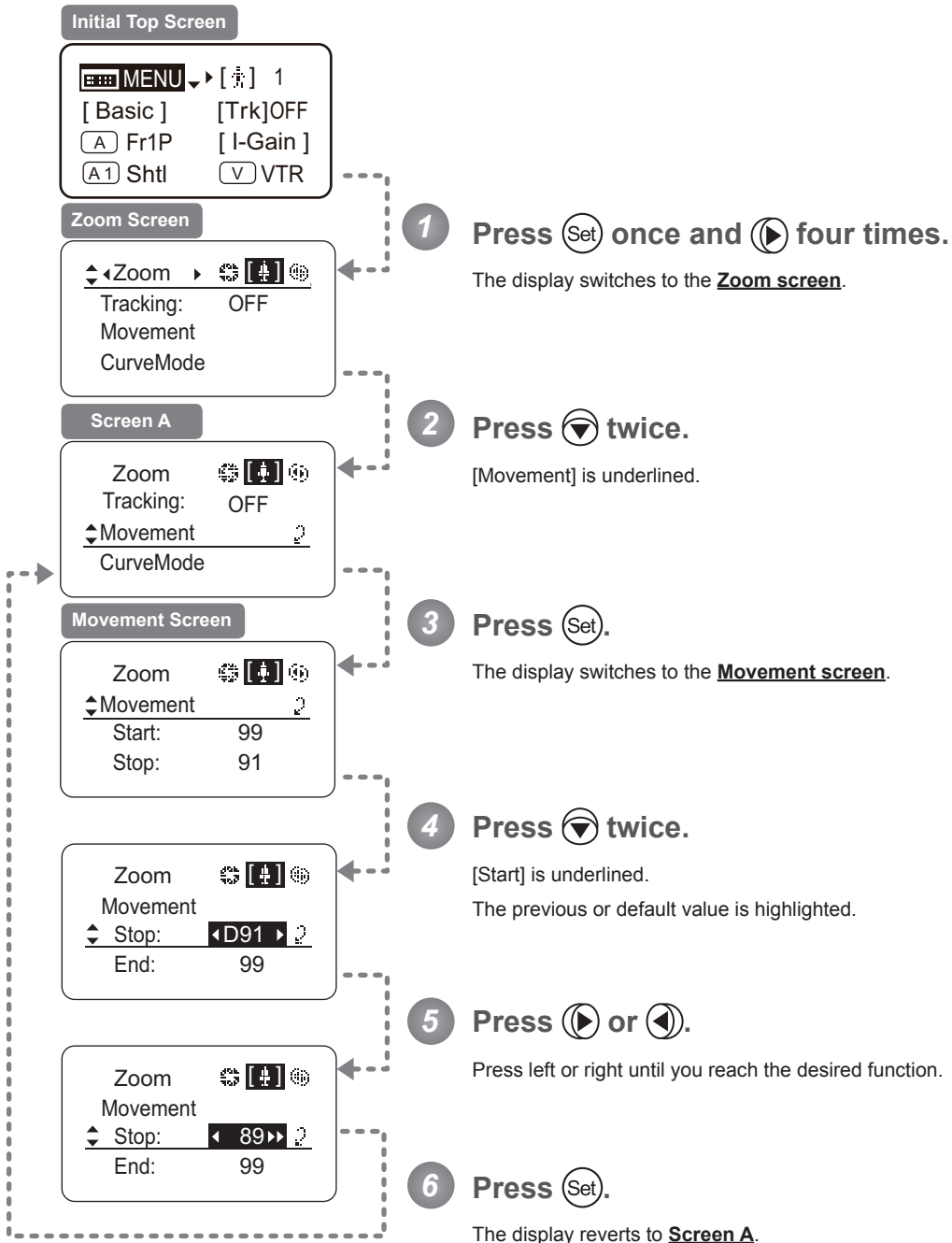


## Specifying Zoom Servo Stop Responsiveness

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.”)



<b>Options</b>	00	to	99
<b>Description</b>	Stop gradually		Stop quickly

Default value: 91



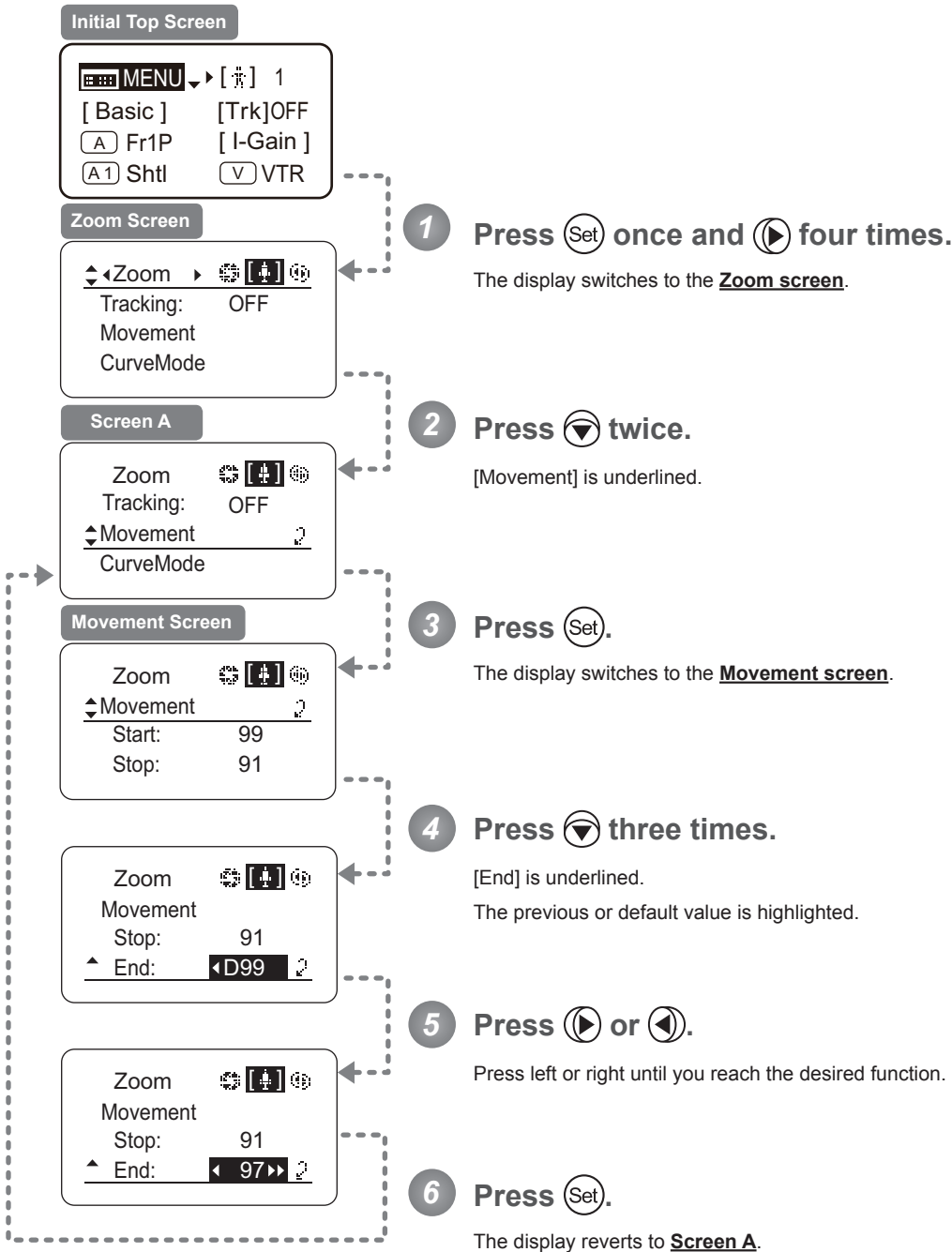
## Specifying Zoom Mechanical End Stop Responsiveness

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

### Important

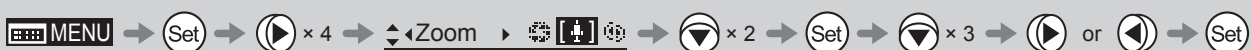
First, switch to the user for whom the settings apply.

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



<b>Options</b>	00	to	<sup>(D)</sup> 99
<b>Description</b>	Stop gradually		Stop quickly

(D): Default value





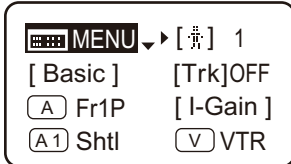
## Specifying Seesaw Switch Responsiveness Top

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.)

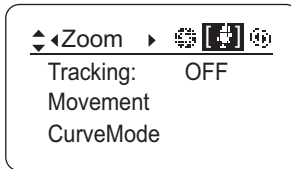
**Important**

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.”)

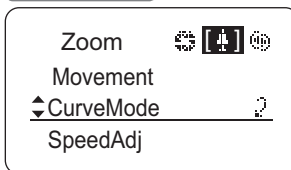
**Initial Top Screen**



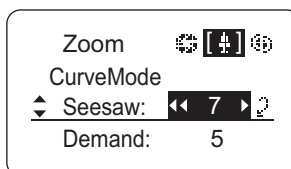
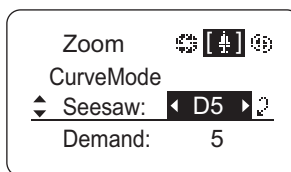
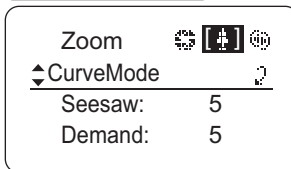
**Zoom Screen**



**Screen A**



**CurveMode Screen**



**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 **▼**.

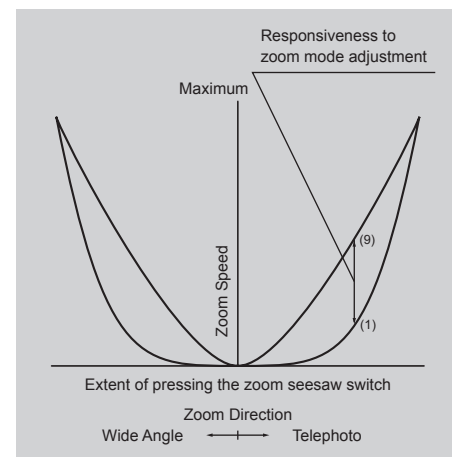
[Seesaw] is underlined.  
 The previous or default value is highlighted.

**5** Press **▶** or **◀**.

Press left or right until you reach the desired function.

**6** Press **Set**.

The display reverts to **Screen A**.



Options	1	2	3	4	(D) 5	6	7	8	9
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(D): Default value



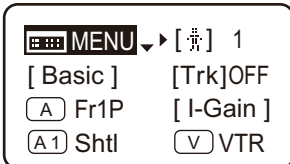
## Specifying Analog Demand Responsiveness Top

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.)

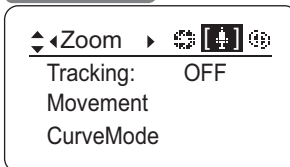
### Important

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.”)

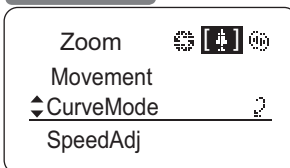
#### Initial Top Screen



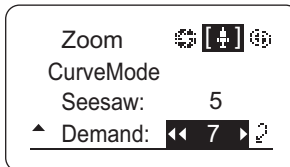
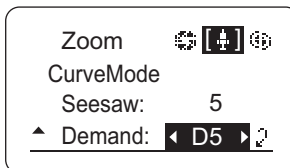
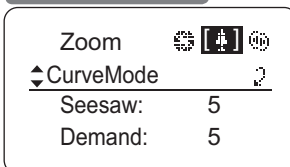
#### Zoom Screen



#### Screen A



#### CurveMode Screen



**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.

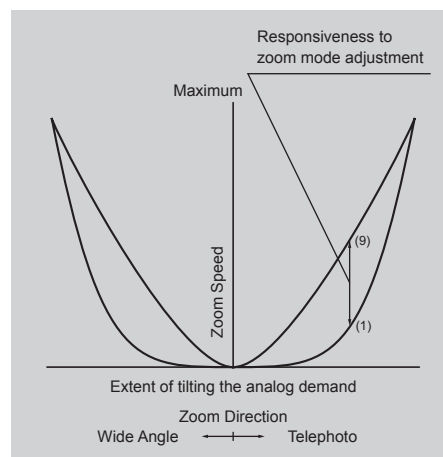
[Demand] is underlined.  
 The previous or default value is highlighted.

**5** Press **▶** or **◀**.

Press left or right until you reach the desired function.

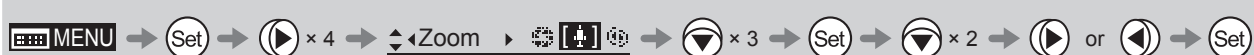
**6** Press **Set**.

The display reverts to **Screen A**.



Options	1	2	3	4	(D) 5	6	7	8	9
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(D): Default value



## Specifying Maximum Zoom Speed Control

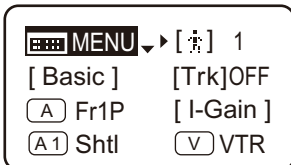
Specify the maximum speed to which the zoom speed can be adjusted using the drive unit knob.

### Important

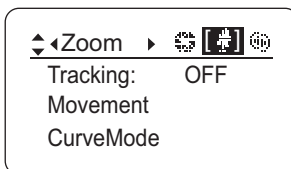
First, switch to the user for whom the settings apply.

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

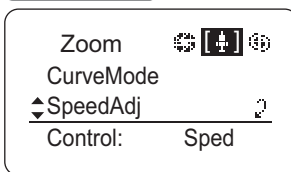
#### Initial Top Screen



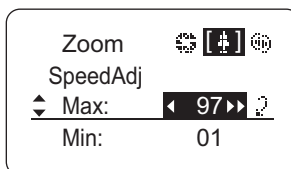
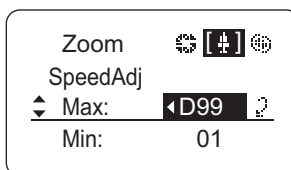
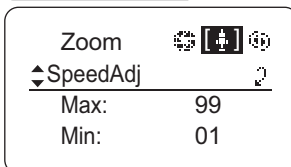
#### Zoom Screen



#### Screen A



#### SpeedAdj Screen



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

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

- 2 Press **▼** four times.

[SpeedAdj] is underlined.

- 3 Press **Set**.

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

- 4 Press **▼**.

[Max] 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	Min. value <sup>(D)</sup> 99
---------	------------------------------

(D): Default value



## Specifying Minimum Zoom Speed Control

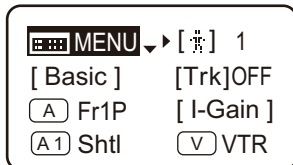
Specify the minimum speed to which the zoom speed can be adjusted using the drive unit knob.

### Important

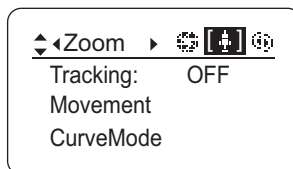
First, switch to the user for whom the settings apply.

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

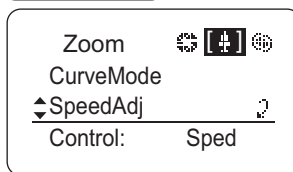
#### Initial Top Screen



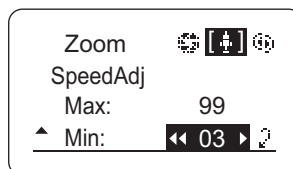
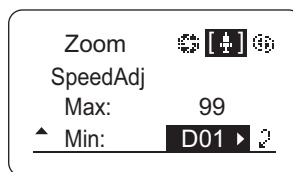
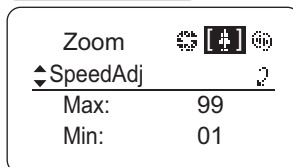
#### Zoom Screen



#### Screen A



#### SpeedAdj Screen



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

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

**2** Press **Down** four times.

[SpeedAdj] is underlined.

**3** Press **Set**.

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

**4** Press **Down** twice.

[Min] is underlined.

The previous or default value is highlighted.

**5** Press **Play** or **Left**.

Press left or right until you reach the desired function.

**6** Press **Set**.

The display reverts to **Screen A**.

Options	01–Max. value
---------	---------------

Default value: 01



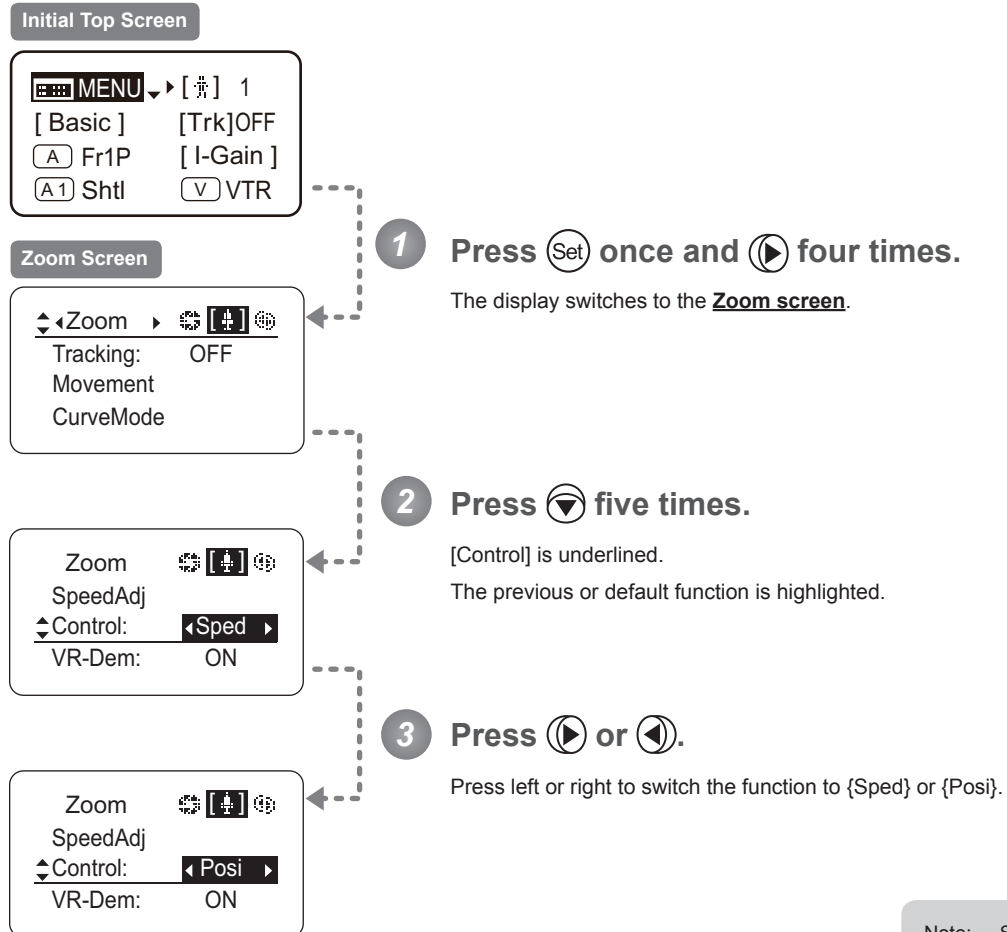
## Specifying Servo Type from Zoom Demand

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.

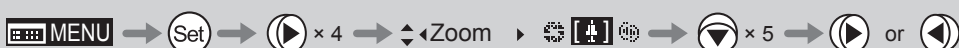
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)



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

Options	<sup>(D)</sup> Sped	Posi
Description	Speed servo	Position servo

(D): Default value



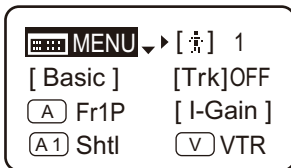
## Demand-Based Zoom Speed Adjustment ON/OFF

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

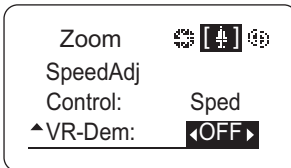
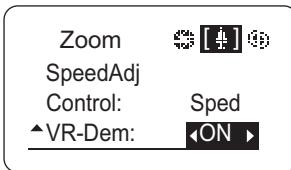
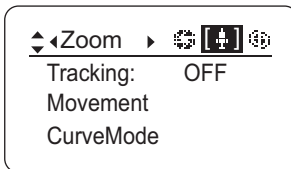
### Important

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.”)

#### Initial Top Screen



#### Zoom Screen



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

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

2 Press **▼** six times.

[VR-Dem] is underlined.

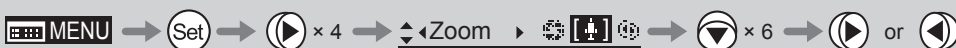
The previous or default function is highlighted.

3 Press **▶** or **◀**.

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

Options	<sup>(D)</sup> ON	OFF
Description	Enabled	Disabled

(D): Default value



## 4.2.6 Focus Screen Settings

---

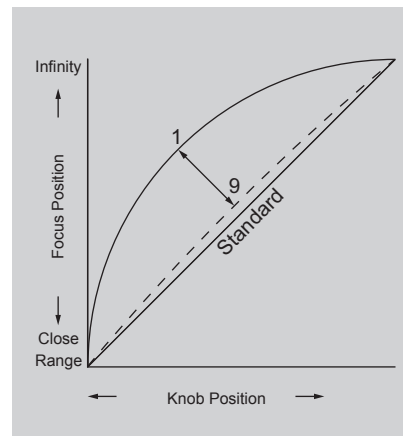
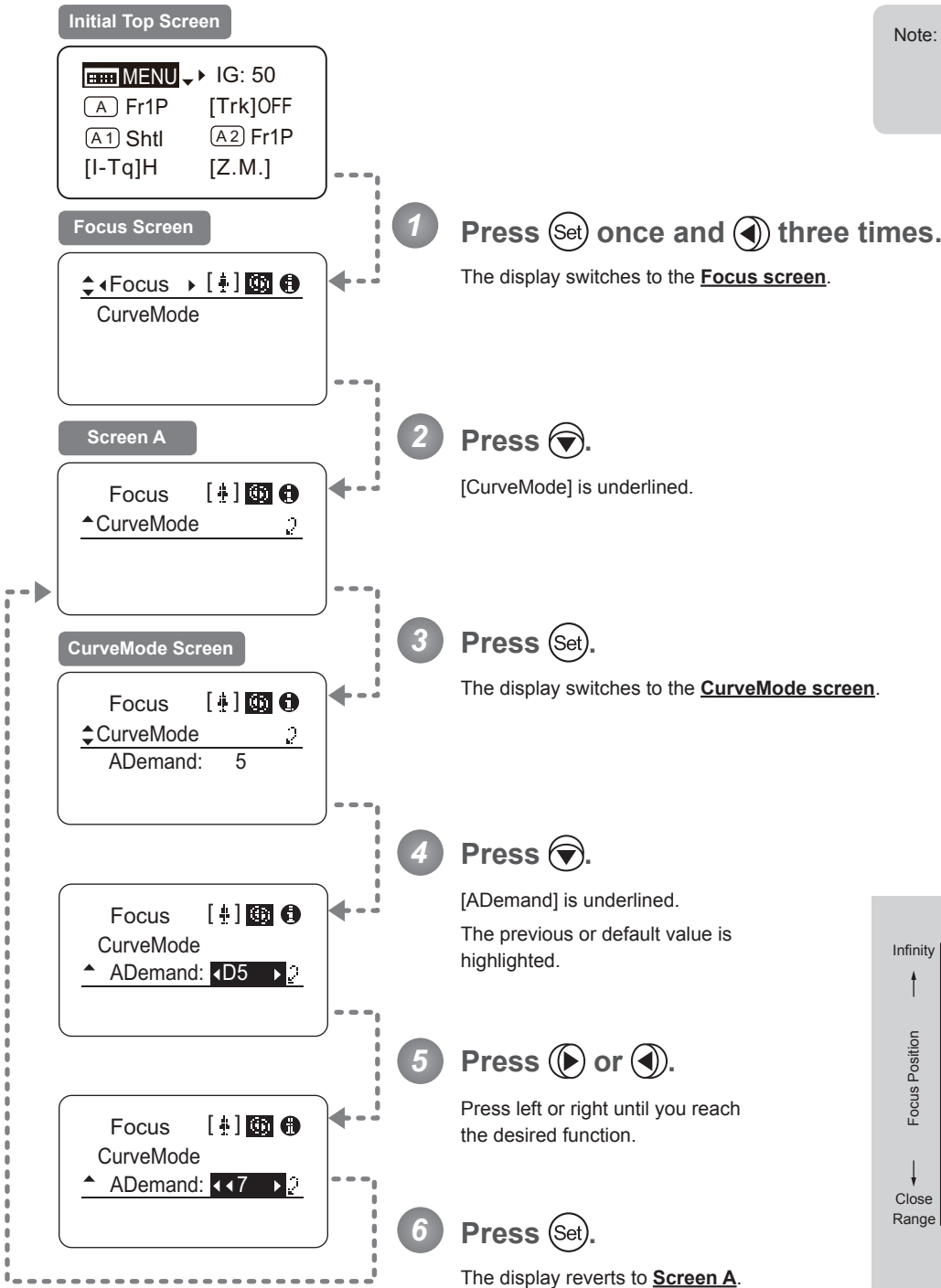
The following setting items can be configured on the **Focus screen**.

Specifying Focus Demand Responsiveness (“A” Type Lenses Only)

## Specifying Focus Demand Responsiveness (“A” Type Lenses Only)

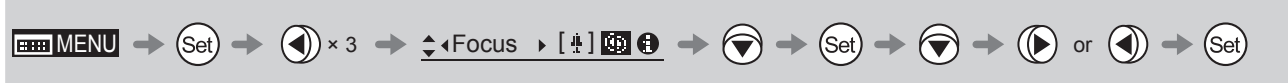
Specify responsiveness in analog focus demand operations as needed.

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



Options	1	to	9
Description	Large curve		Small curve

Default value: 5





## 4.2.7 Info Screen Settings

---

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

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

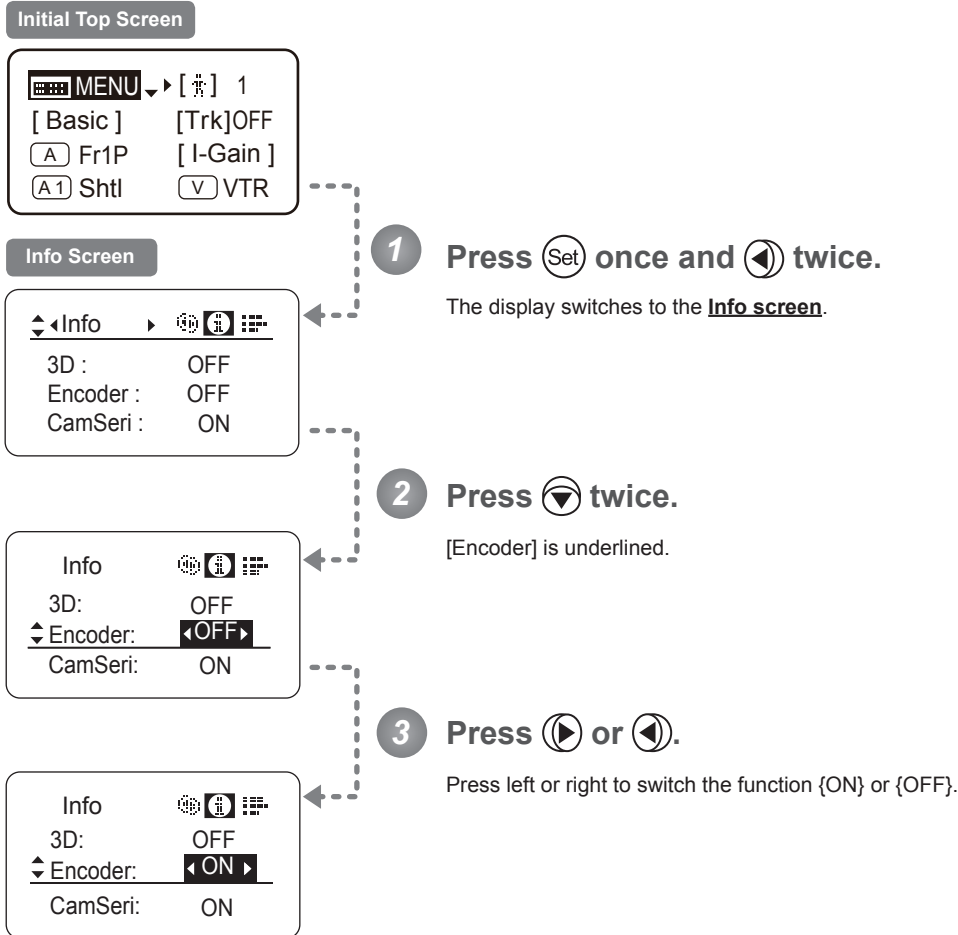
Specifying Encoder Output

Serial Communication with Camera ON/OFF

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

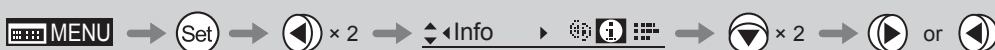
## Specifying Encoder Output

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



Options	<sup>(D)</sup> OFF	ON
Description	Output disabled	Output enabled

(D): Default value

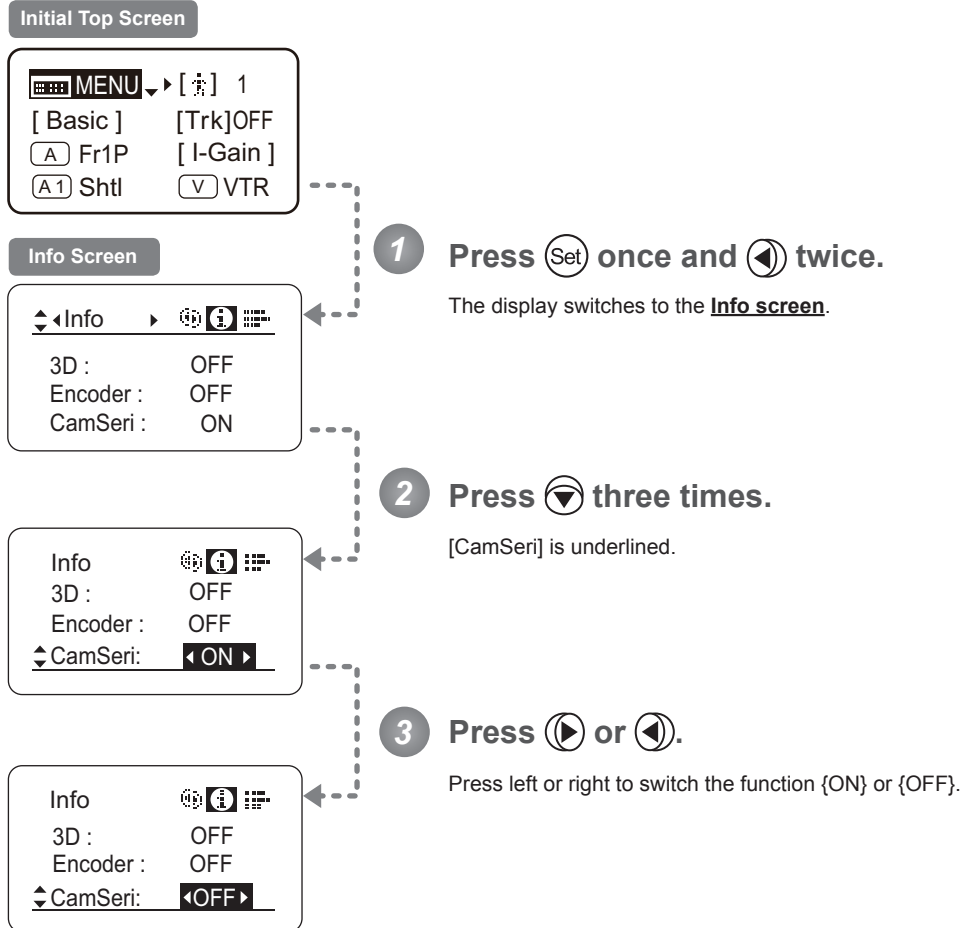


## Serial Communication with Camera ON/OFF

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	<sup>(D)</sup> ON	OFF
Description	Serial communication with the camera Enabled	Serial communication with the camera Disabled

(D): Default value



## 4.2.8 Fol. Screen Settings

---

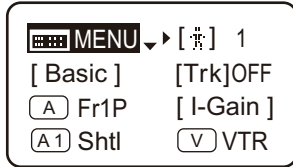
The following setting items can be configured on the **Fol. screen**.

Viewing Lens Follow Settings (Iris, Zoom, Focus)

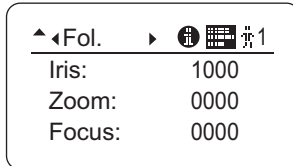
## Viewing Lens Follow Settings (Iris, Zoom, Focus)

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



### Fol. Screen











1 Press **Set** and then **◀**.

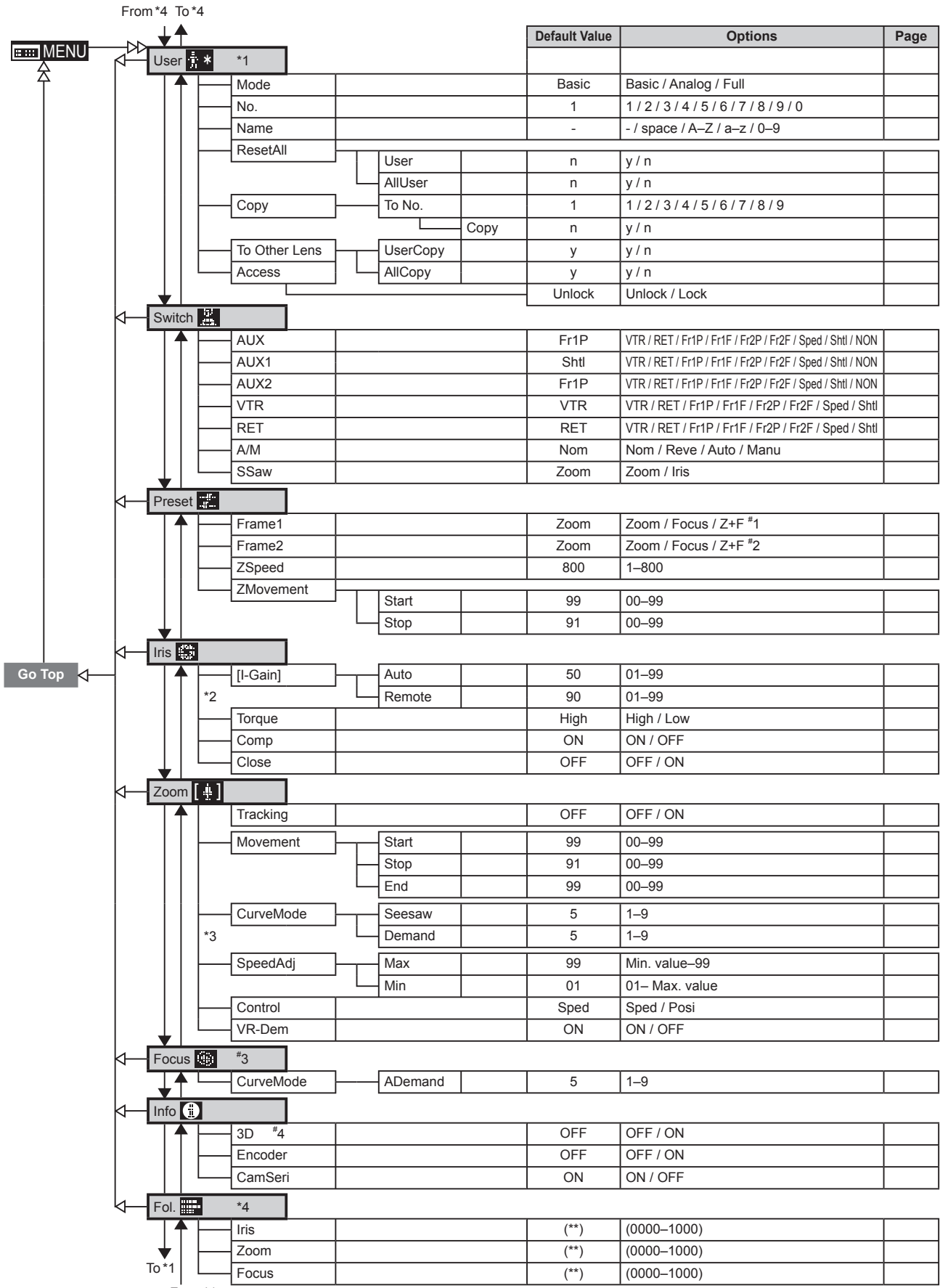
The display switches to the **Fol. screen**, showing relative follow iris, zoom, and focus values.

**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
<b>Top</b>			
MENU		To *1 on the next page	
[  ]	1	1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 0	
[Basic]		Basic	
[Trk]	OFF	OFF / ON	
[  ]	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
[I-Gain]			
To *2 on the next page			
[  ]	Shtl	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
[  ]	VTR	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl	
[  ]	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
[  ]	RET	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl	
[I-Tq]	H	H / L	
[Z.M.]			
To *3 on the next page			
[  ]	Norm	Norm / Reve / Auto / Manu	
[  ]	Zoom	Zoom / Iris	
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

#1-2 : Only Zoom is shown for "R" type lenses.  
 #3 : Not shown for "R" type lenses.  
 #4 : For information on specifying the 3D communication, see the "3D Cable Instruction Manual."  
 ( ) : Indicates values that cannot be changed.

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



⌨ MENU ▾ ▶ IG: 50  
[ Basic ]

The screenshot shows a rectangular display area with a thin black border. At the top left, there is a keyboard icon followed by the word 'MENU' in a bold, black, sans-serif font. To the right of 'MENU' is a small downward-pointing triangle and a rightward-pointing triangle. Further right, the text 'IG: 50' is displayed. Below this line, the text '[ Basic ]' is centered horizontally.

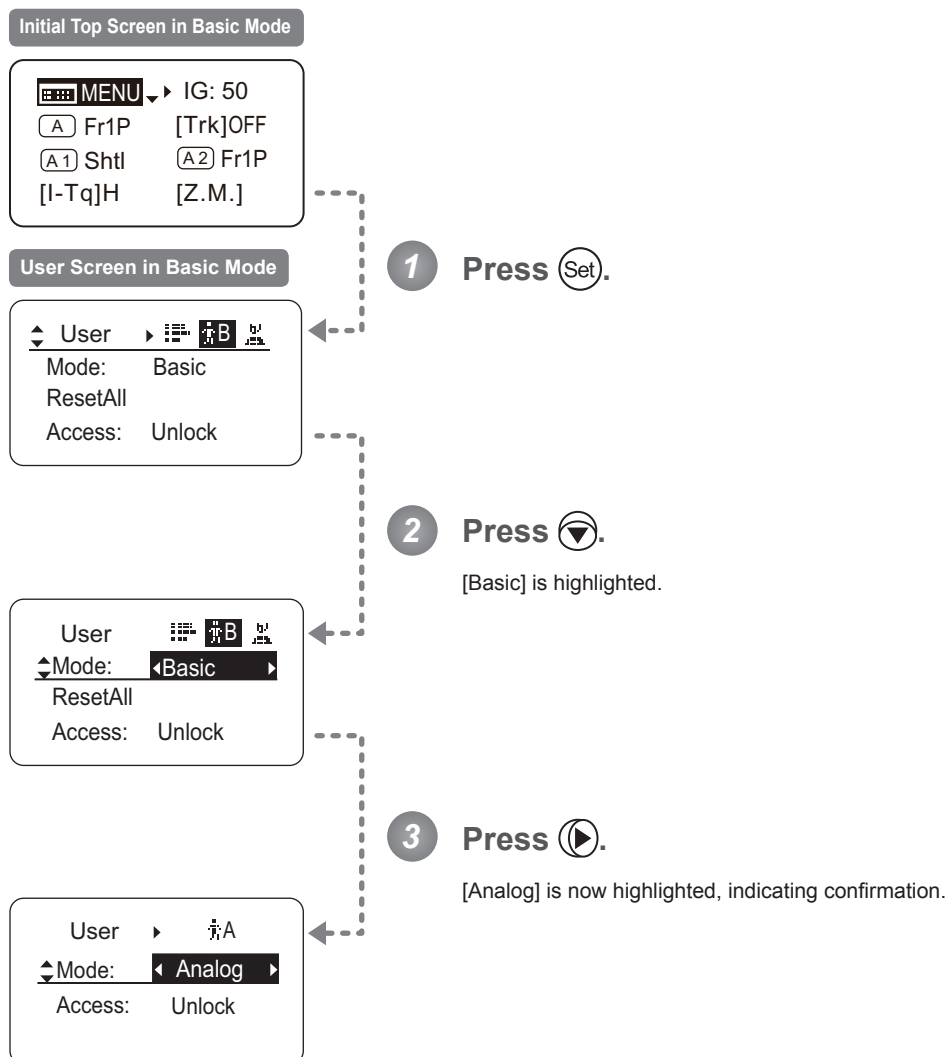
## 5.1.1 Selecting Analog Mode

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.

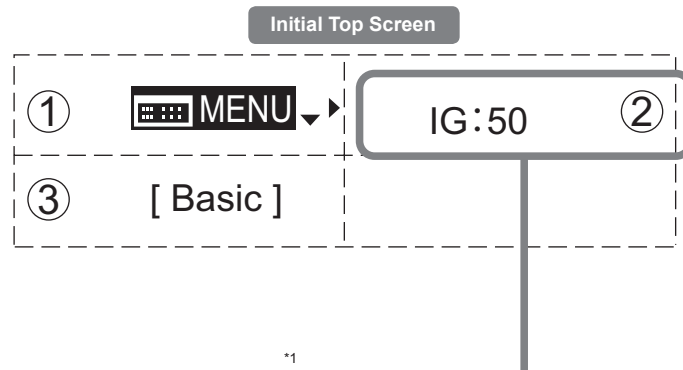
- Switches labeled VTR, RET, IRIS A/M, and IRIS INST control the respective functions. The rocker switch serves as a regular zoom switch.
- AUX and MEMO switches are disabled.
- To set auto iris gain adjustment, use either display or trimmer operations.
- Shuttle shot, frame preset, speed preset, and 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.<sup>\*1</sup>)



\*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

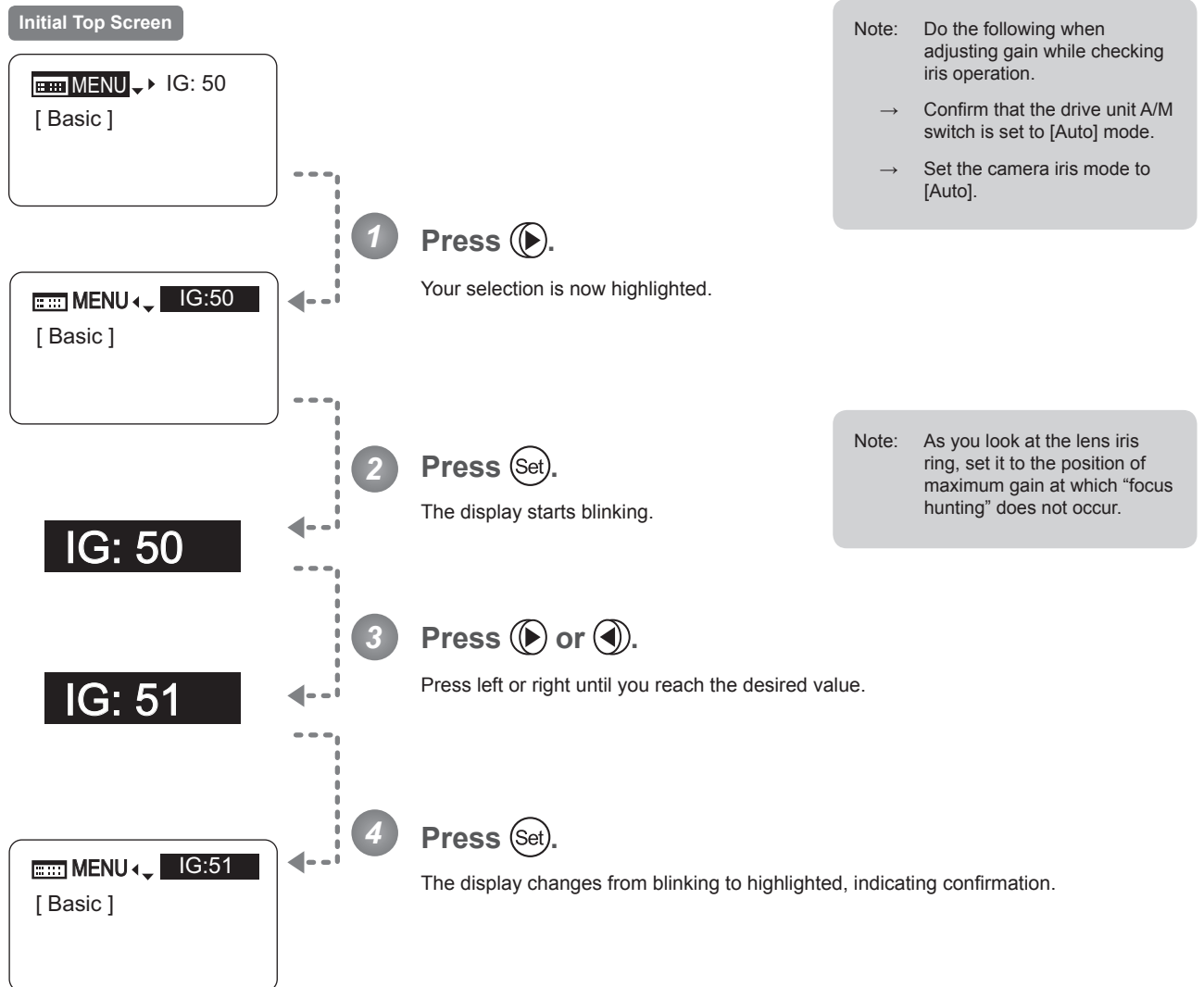
[IG]

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.



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.



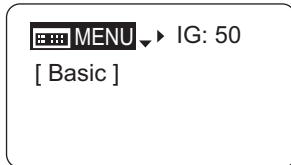
## 5.1.4 Switching to Basic Mode

[Basic]

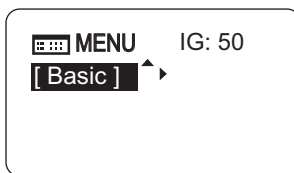
Switch to Basic mode from the **Top screen** as needed.

### Switching from Analog to Basic Mode

#### Initial Top Screen in Analog Mode



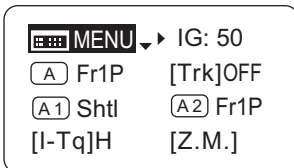
- 1 Press .  
[Basic] is highlighted.



- 2 Press .

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

#### Initial Top Screen in Basic Mode



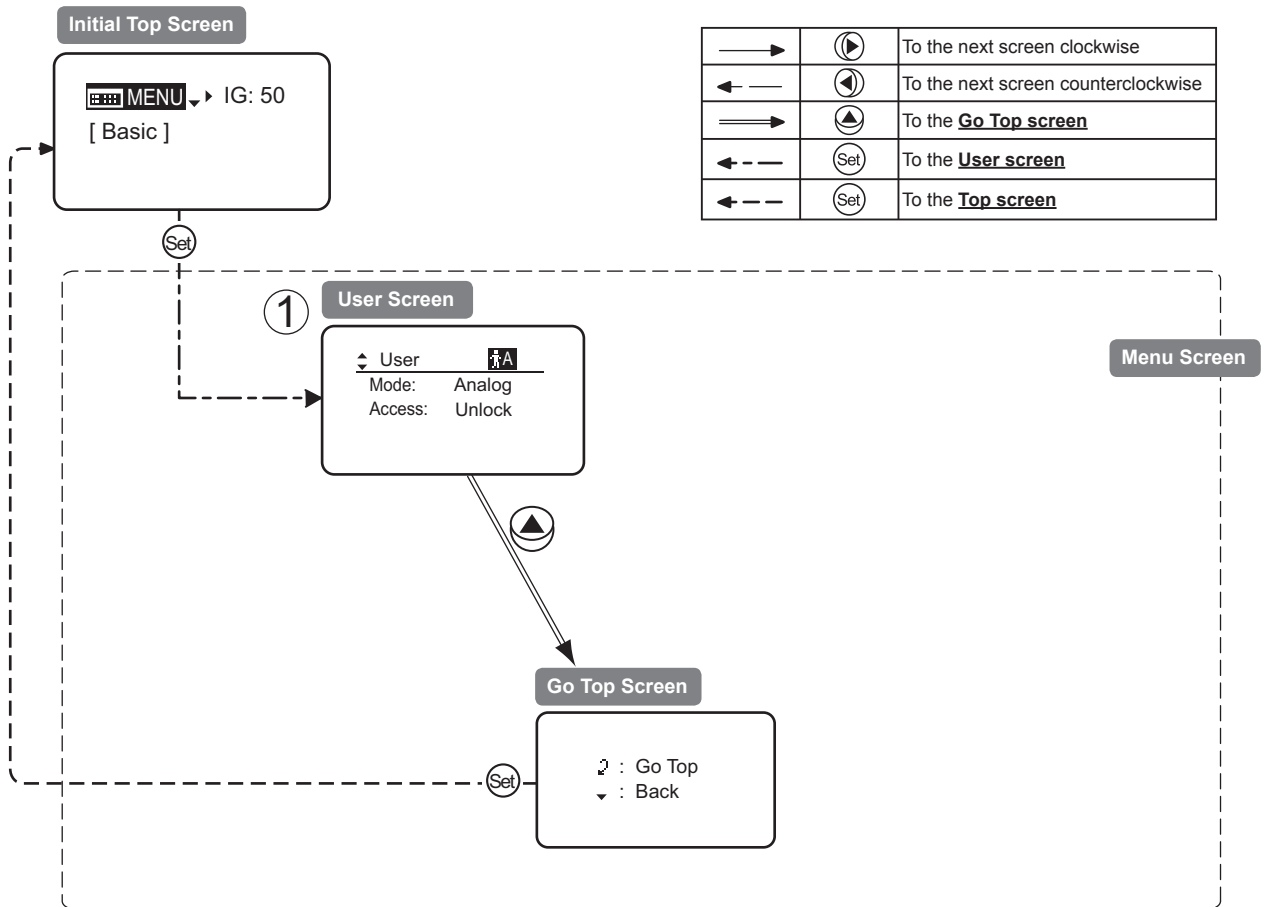
## 5.2 Configuration from the Menu Screen

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**.

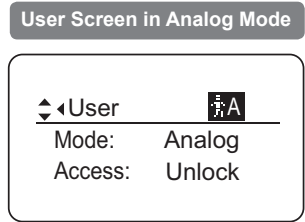


①	User Screen.....	5.2.1
---	------------------	-------

## 5.2.1 User Screen Settings

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

Switching Modes  
Locking Functions



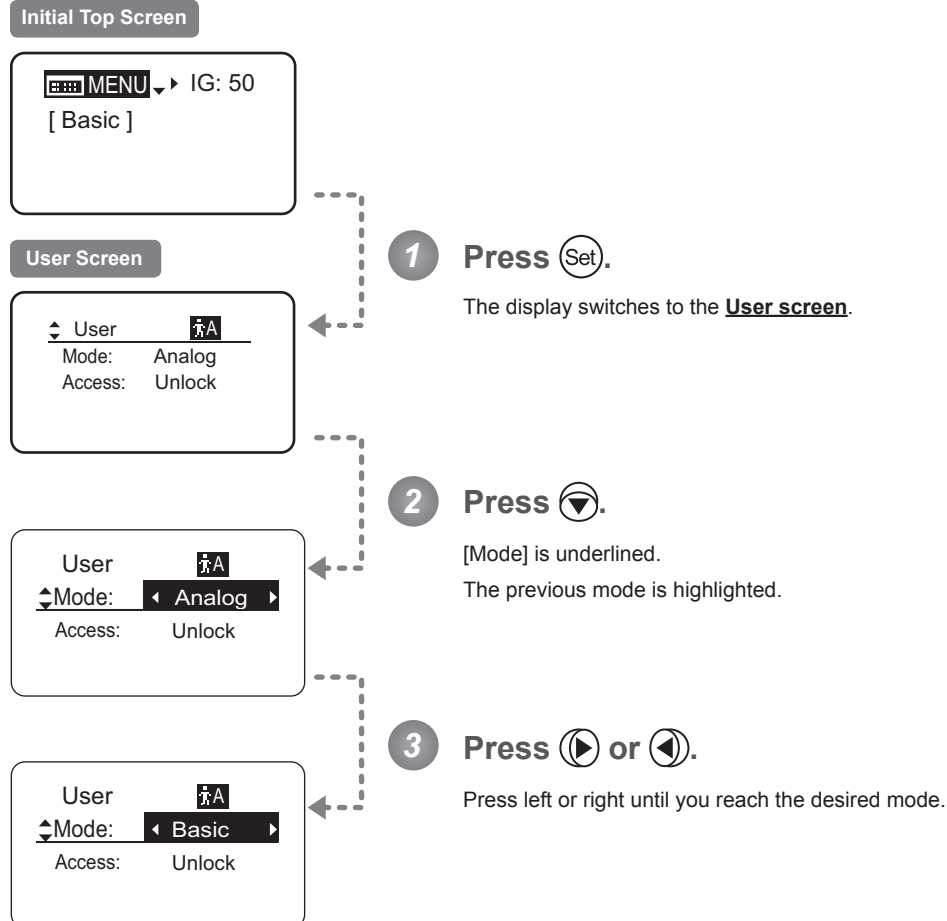


## Switching Modes

Switch to Basic or Full mode, as needed.

### Important

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



Options	<sup>(D)</sup> Basic	Full	Analog
Save Settings	Basic Mode	Full Mode	Analog Mode

(D): Default value

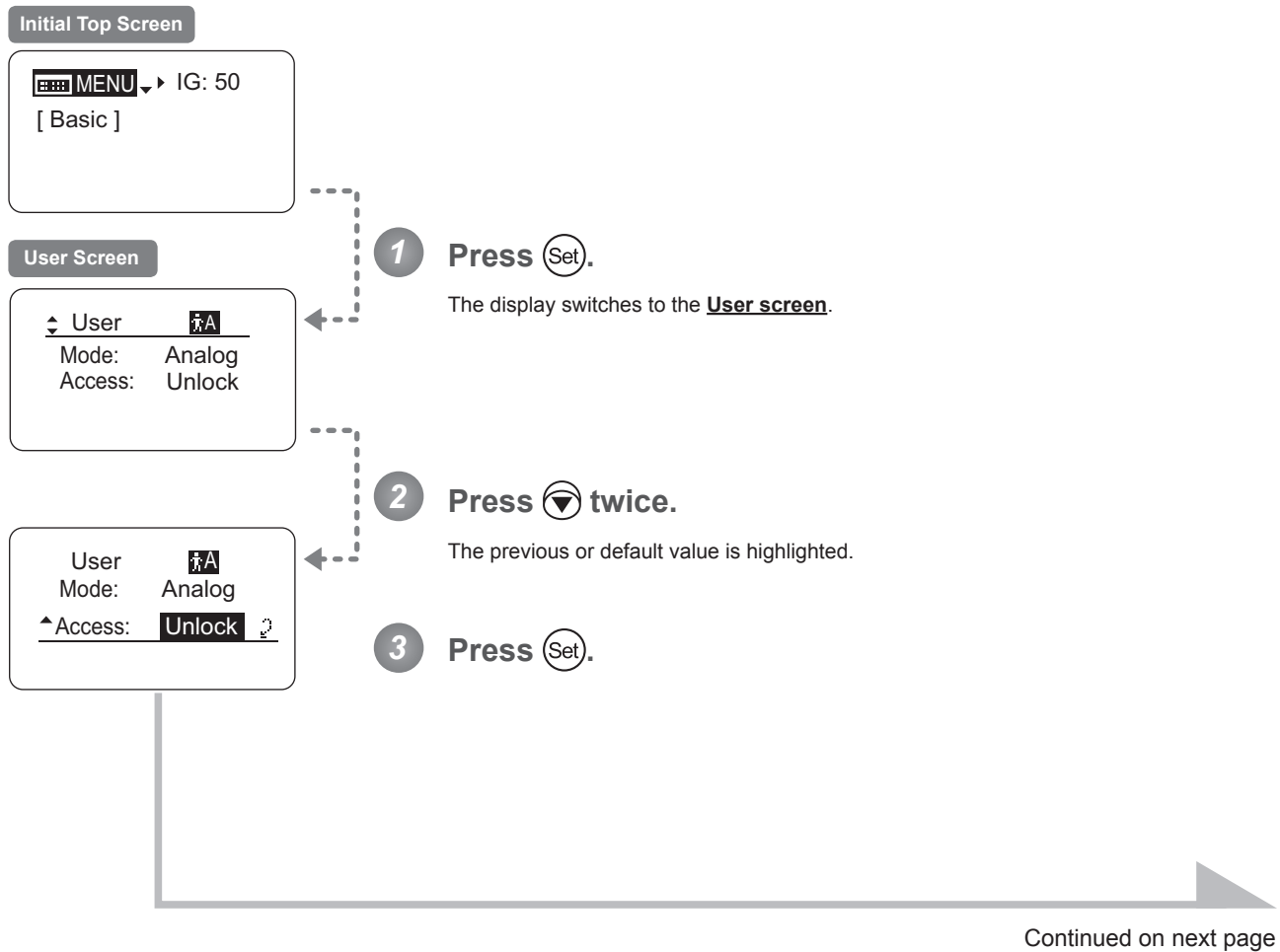


## Locking Functions

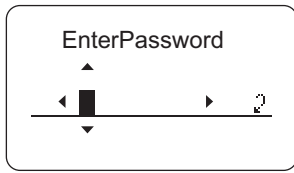
To ensure that configured functions cannot easily be changed, you can lock the settings of certain functions. Once functions are locked, they are locked for all users.

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



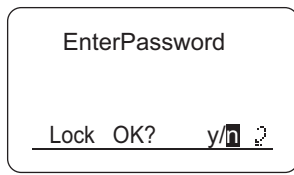
Continued from previous page



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

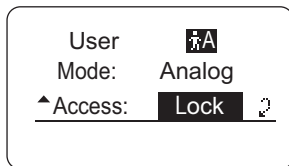
Entering Passwords

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.

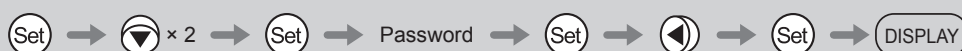
**Characters supported in passwords**

<b>Options</b>	<sup>(D)</sup> _-ABCDEFGHIJKLMN OPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789
<b>Max. Digits</b>	8

(D): Default value  
 \_ : Space

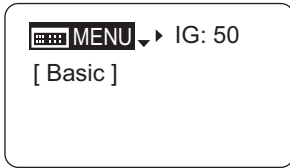
<b>Options</b>	<sup>(D)</sup> Unlock	Lock
----------------	-----------------------	------

(D): Default value

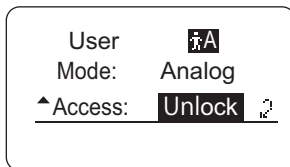
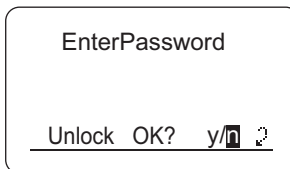
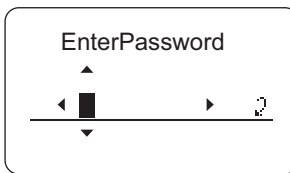
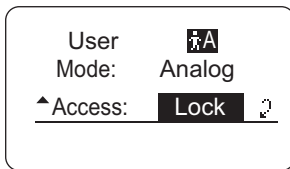
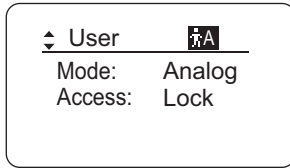


## (2) Unlocking Settings

### Initial Top Screen



### User Screen



**1** Press **Set**.

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

**2** Press **Down Arrow** twice.

The previous or default value is highlighted.

**3** Press **Set**.

**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 unlocked.

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

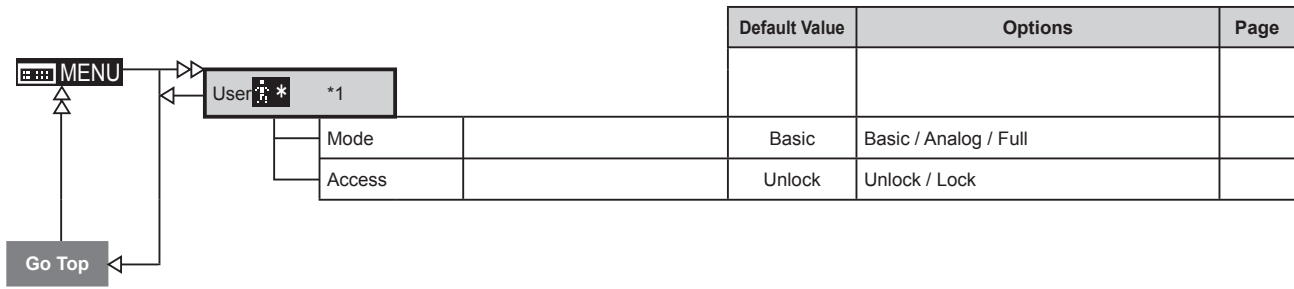
(D): Default value



## 5.3 List of Settings

		Default Value	Options	Page
<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">Top</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="width: 10px; height: 10px; border: 1px solid black; margin-bottom: 2px;"></div> <div style="width: 10px; height: 10px; border: 1px solid black; margin-bottom: 2px;"></div> <div style="width: 10px; height: 10px; border: 1px solid black;"></div> </div>	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.	

## 5. Operation in Analog Mode



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

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CAMERA SERIAL.....	E65, E145	VTR .....	E83, E114
ENCODER.....	E64, E144	ZOOM CURVE .....	E34, E87
FOLLOW .....	E67, E147	ZOOM TRACK.....	E29, E78
FRAME PRESET.....	E48, E49, E119, E120		



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仕様・外觀・商品構成などはお断りなく変更することがあります。

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规格・外观・商品构成等进行变更，恕不事先一一通知。

修订：2015. 10. 1

Pub No. B-IM-20235-6

原产地：日本

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