Canon

BCTV Zoom Lens

UHD XS LENSES

CJ15ex4.3B
CJ20ex5B
CJ20ex7.8B
CJ25ex7.6B

UHD GC LENSES

CJ14ex4.3B
CJ17ex6.2B
CJ18ex7.6B
CJ18ex28B
CJ24ex7.5B

HD GC LENSES

KJ10ex4.5B
KJ17ex7.7B II
KJ22ex7.6B II

OPERATION MANUAL " Information display "

Read this operation manual before using the product.
This operation manual refers to the IRSE S, the IASE S and IASE-C S, etc.

ENG

memo

Introduction

Thank you for purchasing a Canon BCTV zoom lens.

This product comes with the following documents:

- •Operation Manual “Before Using The Product”（Included with the product）
- •Operation Manual “Regulations”（Included with the product）
- •Operation Manual “Lens”（Web）
- •Operation Manual “Information display”（Web）
- •Quick guide “Information display”（ Web）

Refer to this Operation Manual “Information display” for operating instructions and procedures for the information display.

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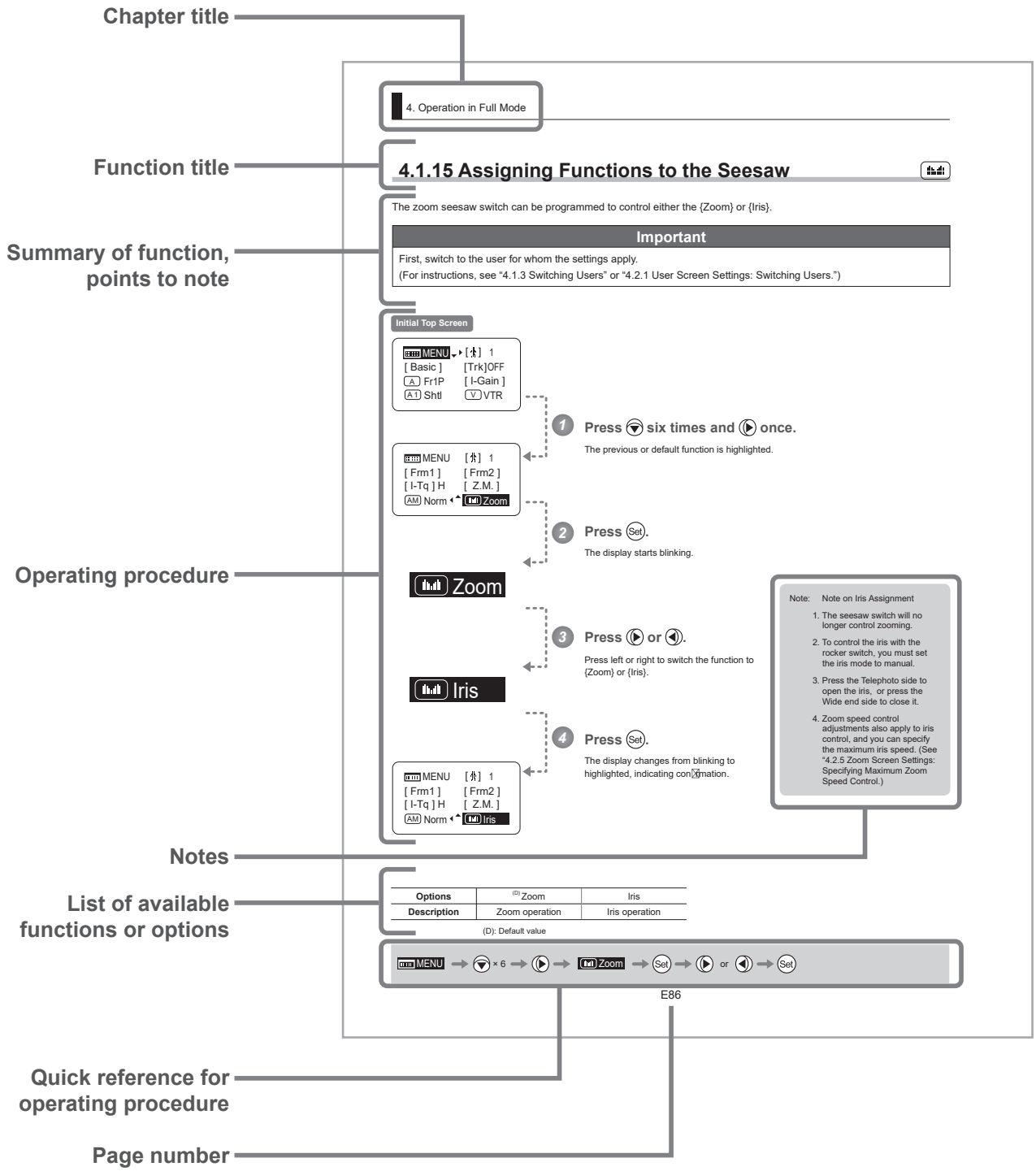
Manual Layout

Pages with instructions are organized as follows.



Manual Conventions

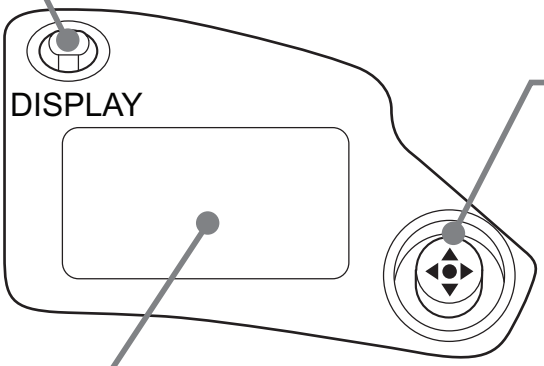
The following conventions are used in this manual.

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
**** screen**	Names of screens are underlined.	The **Top screen** 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



Display switch

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

Control keys

Used to configure all settings shown on the display.
Identified with five key names, depending on how this interface is used.
(See the following table, “Using the Control Keys.”)

Display

Activated when the Display switch is pressed.
Turns off automatically if left idle for two minutes.

Operation Key Names and Operation Methods

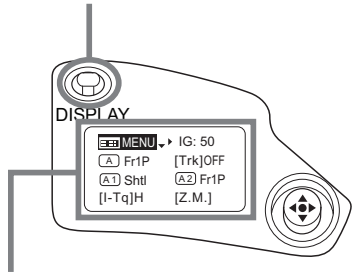
Key	Operation	Details	Manual Convention
Set key	Press	Pressed when { } is displayed, or when entering a selection.	Set
Right key	Move right	Can be used when { ▶ } is displayed.	
Left key	Move left	Can be used when { ◀ } is displayed.	
Up key	Move up	Can be used when { ▲ } is displayed.	
Down key	Move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

Basic Sequence of Operations

1 **Turn on the lens.**

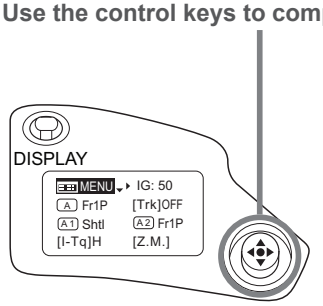
Note: For instructions on turning the lens on, refer to the camera manual.

2 **Press the Display switch.**



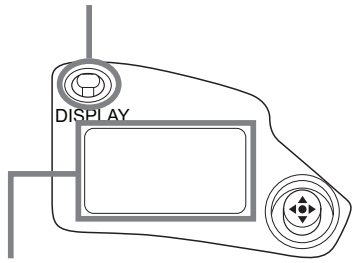
The display is now illuminated.

3 **Use the control keys to complete settings.**



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

4 **Press the Display switch.**



The display is turned off.

Changes are saved.

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

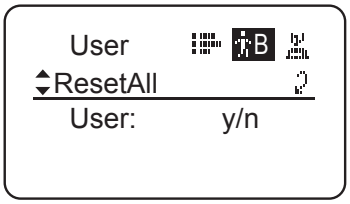
When the display is deactivated manually, changes to settings are saved and the display is turned off.

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

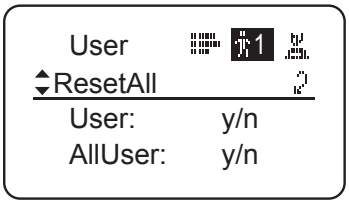
Important

For Reference: Display appearance when restoring original settings

Basic Mode



Full Mode



Restoring the Original Settings

The original settings can be restored, in the case of incorrect settings or if you have tried some settings tentatively.
For details, see “Resetting Values” in “3. Operation in Basic Mode” or “4. Operation in Full Mode.”

1

Screen Organization

1. Screen Organization

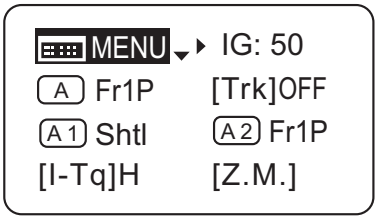
Screens contain 19 setting items in Basic mode, 34 in Full mode, and 3 in Analog mode, with Basic and Full modes also including a “follow” screen containing three setting items that have relative values. To access frequently used items on the **Top screen**, press the Display switch. All settings can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

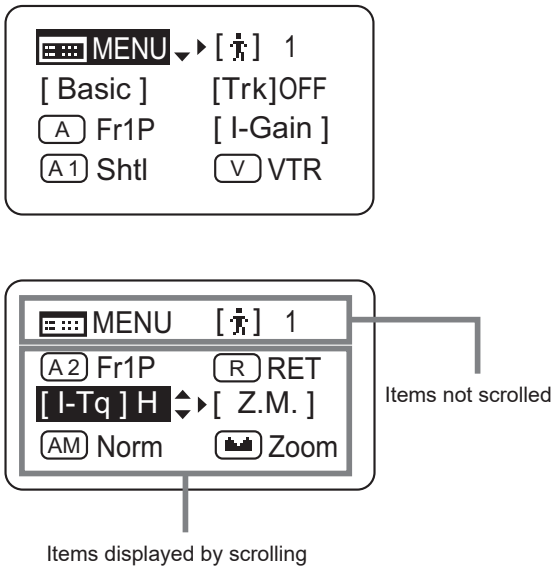
Initial Top Screen in Basic Mode



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

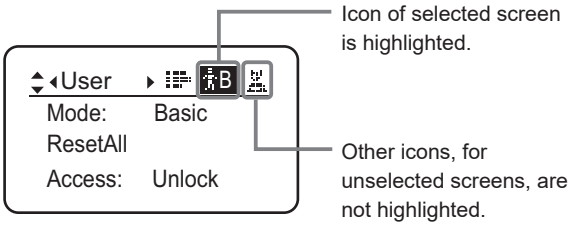
1.2 Menu Screen

(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**.[*1]

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[*2]
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 Basic Mode

User screen

User
Mode: Basic
ResetAll
Access: Unlock

Switch screen

Switch
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
CurveMode
VR-Dem: ON

Focus screen

Focus
CurveMode

Info screen

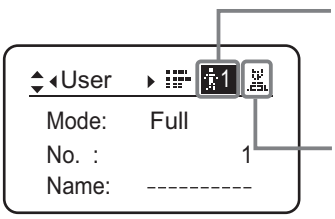
Info
3D OFF
Encoder: OFF
CamSeri: ON

Fol. screen

Fol.
Iris: 1000
Zoom: 0000
Focus: 0000

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*2
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
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

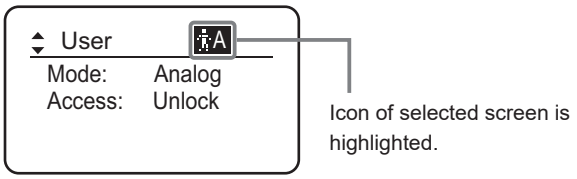
Info
3D: OFF
Encoder: OFF
CamSeri: ON

Fol. screen

Fol.
Iris: 1000
Zoom: 0000
Focus: 0000

Menu Screen in Analog Mode

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



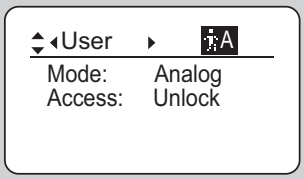
1. User screen

*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

User screen



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

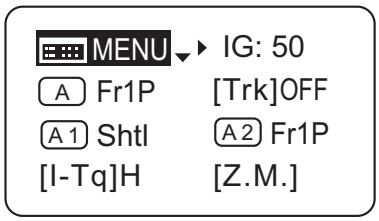
Operation in Basic Mode

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.

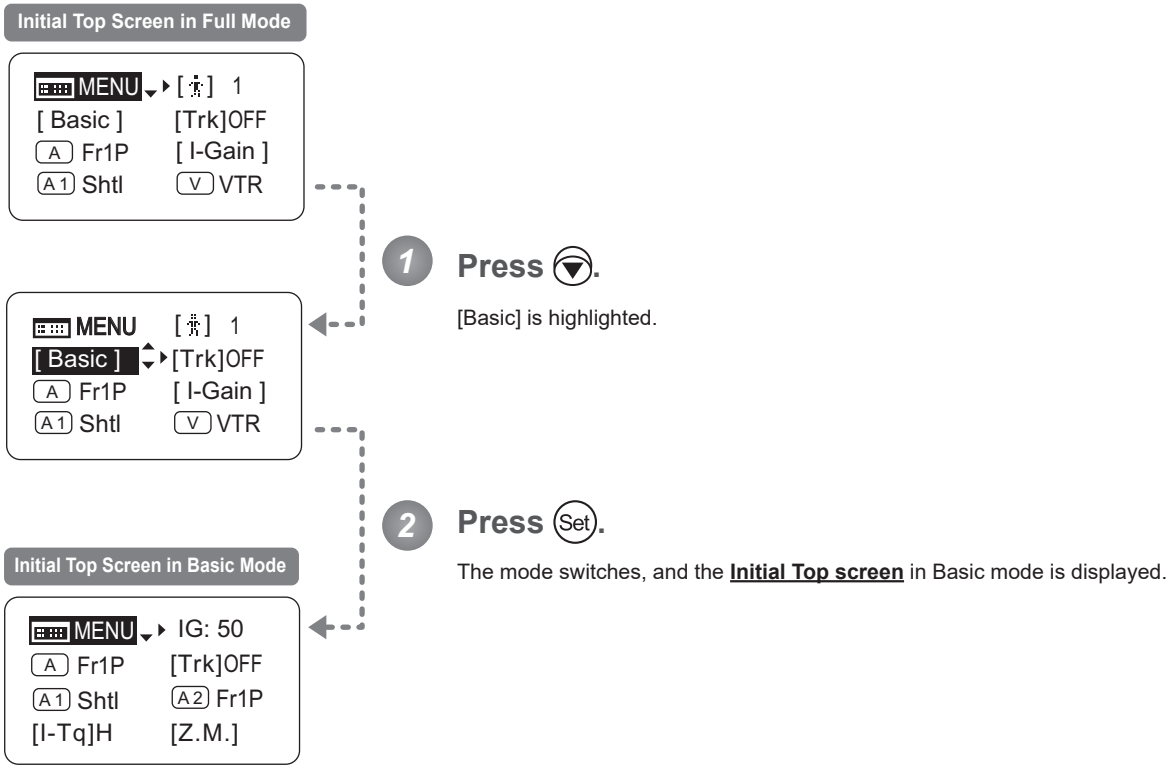
Initial Top Screen in Basic Mode



3.1.1 Selecting Basic Mode

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

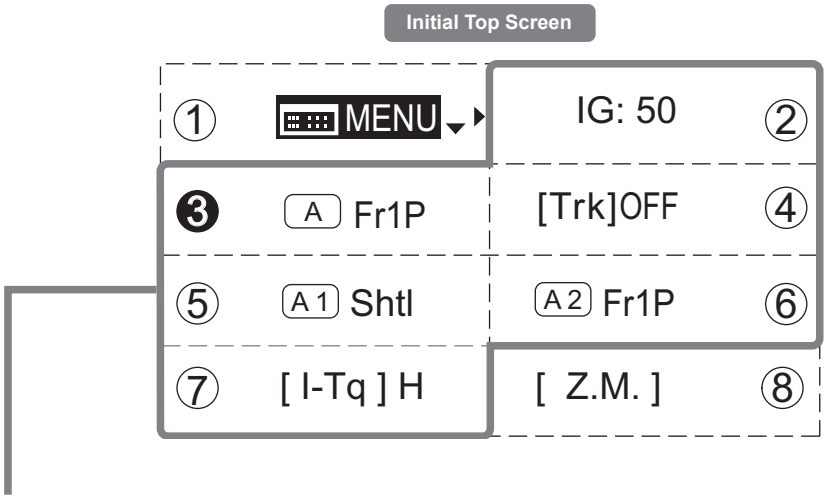
Switching from Full to Basic Mode



MENU → → [Basic] → Set

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.*1)

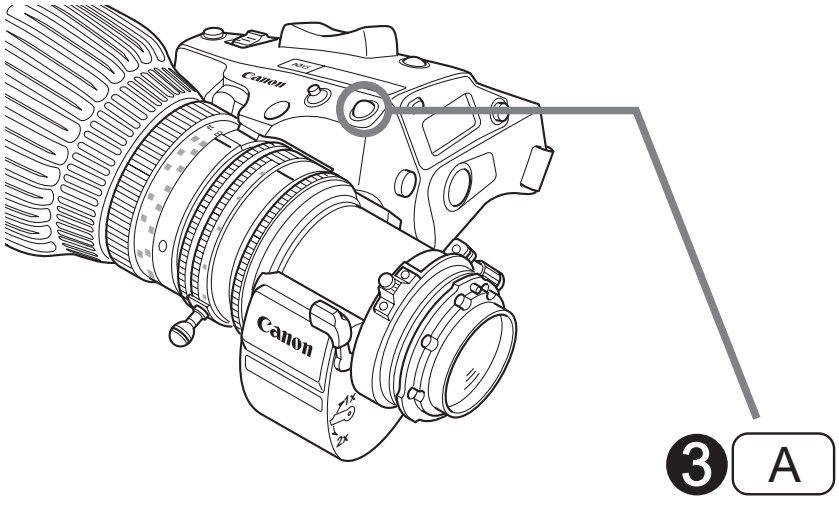


*1

Inside ▭ : Items that show the current setting status.

Example: A1 Shtl indicates that the AUX1 switch is assigned to the Shuttle function.

❸: 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 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.”

❸ 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 A 1 AUX1 switch

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

See “3.1.6 Assigning Functions to the AUX1 Switch.”

⑥ A 2 AUX2 switch

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

See “3.1.7 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 operation manual “Lens”) 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 Set.

The display starts blinking.

3 Press ▶ or ◀.

Press left or right until you reach the desired value.

4 Press Set.

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.

Options	01	to	99
Description	Minimum gain		Maximum gain

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

MENU → ▶ → IG → Set → ▶ or ◀ → Set

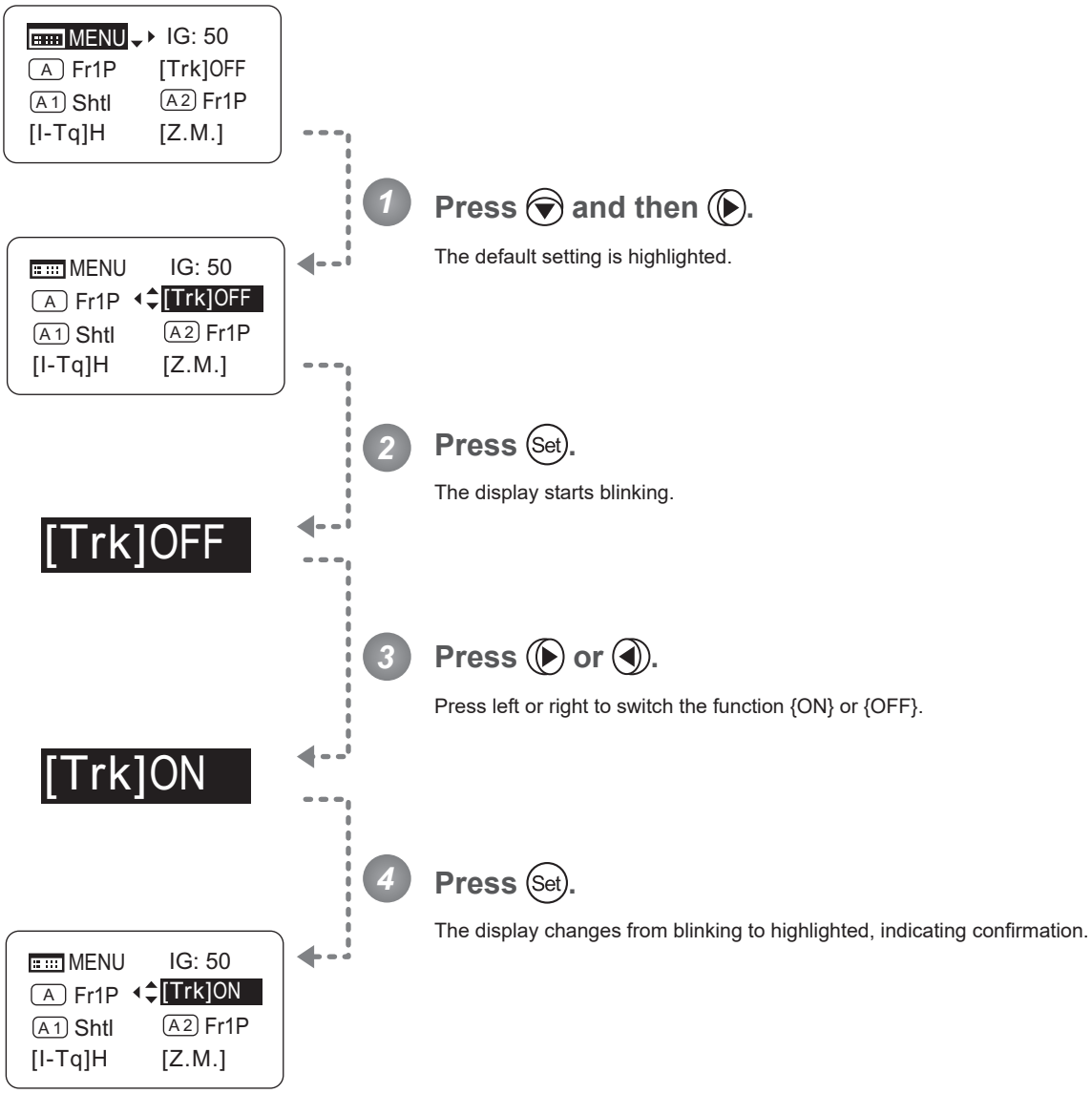
3.1.4 Zoom Tracking ON/OFF [Trk]

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



Options	(D) OFF	ON

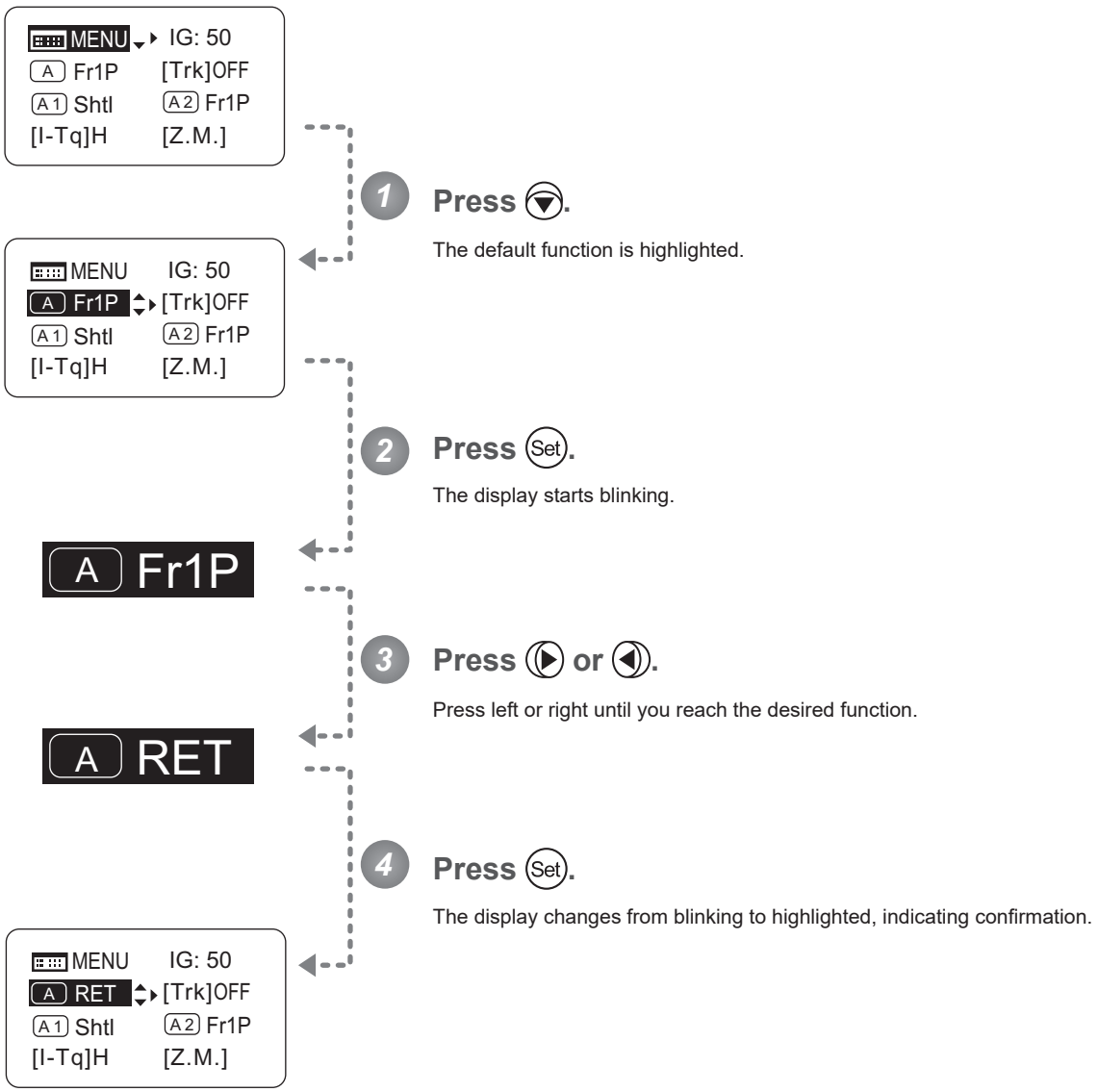
(D): Default value

MENU → ▼ → ▶ → [Trk]OFF → Set → ▶ or ◀ → Set

3.1.5 Assigning Functions to the AUX Switch

Assign your desired functions to the AUX switch.

Initial Top Screen



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

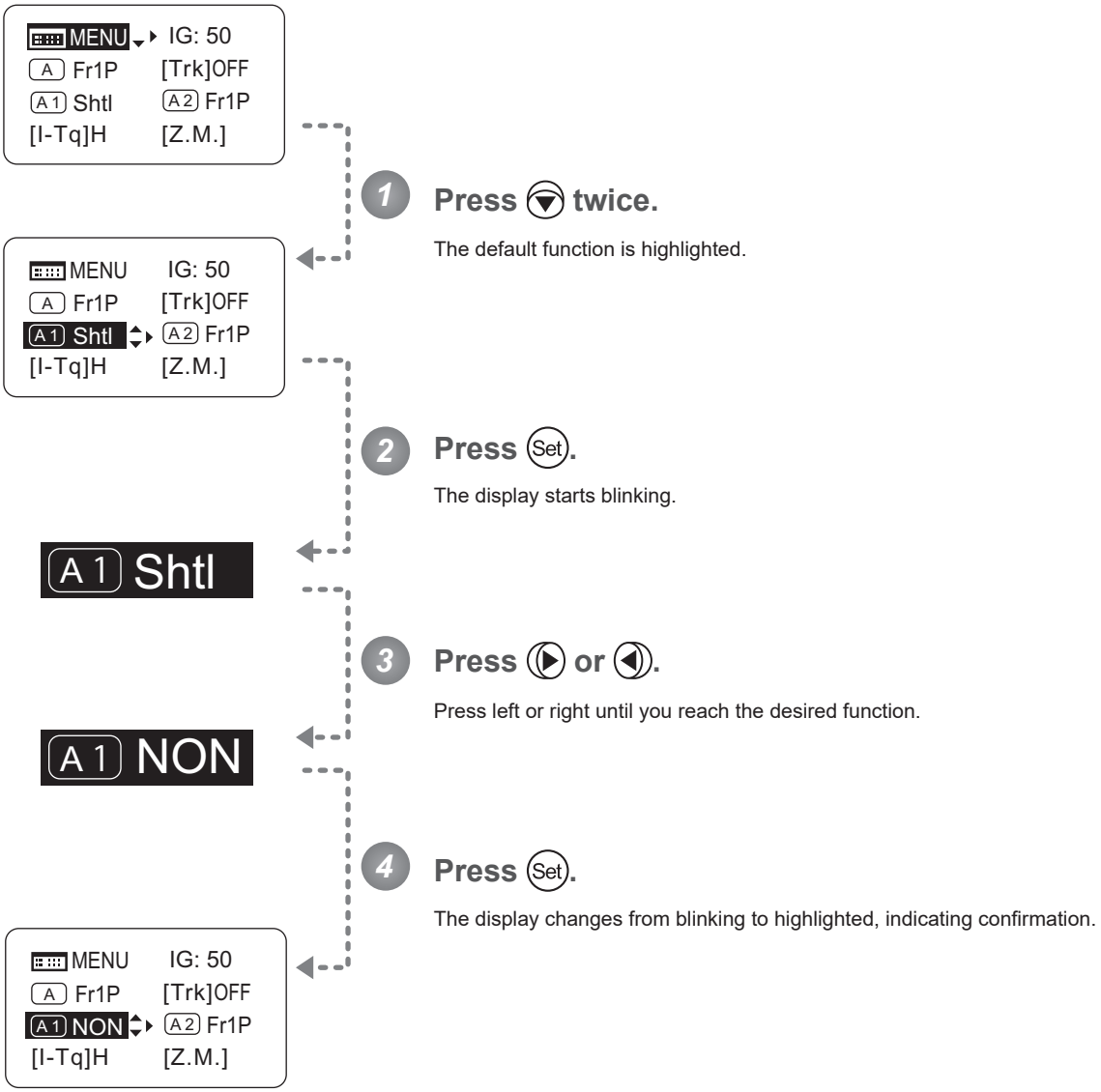
(D): Default value

MENU → ▼ → A Shtl → Set → ▶ or ◀ → Set

3.1.6 Assigning Functions to the AUX1 Switch A1

Assign your desired functions to the AUX1 switch.

Initial Top Screen



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

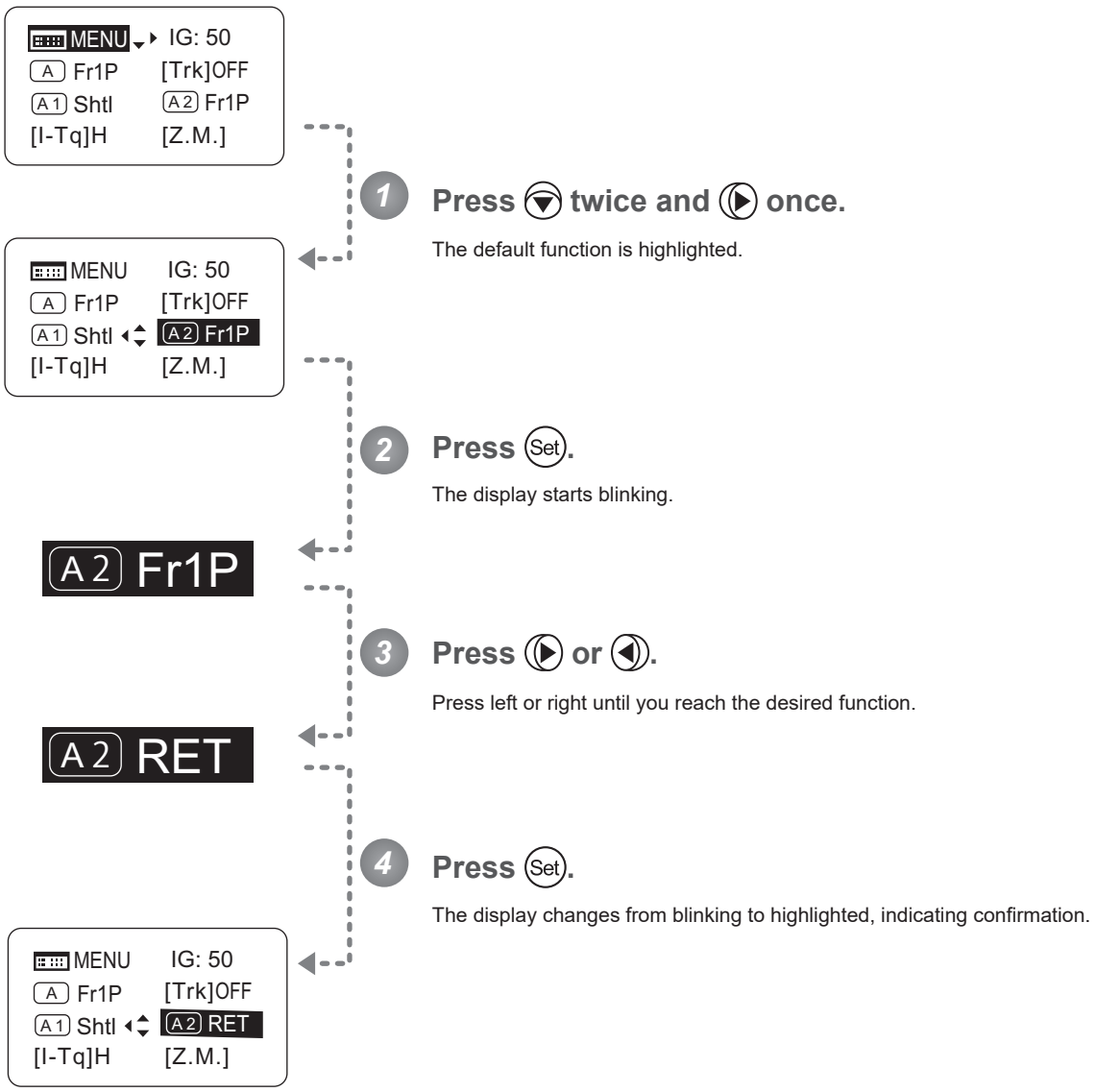
(D): Default value

MENU → × 2 → A Shtl → Set → or → Set

3.1.7 Assigning Functions to the AUX2 Switch A2

Assign your desired functions to the AUX2 switch.

Initial Top Screen



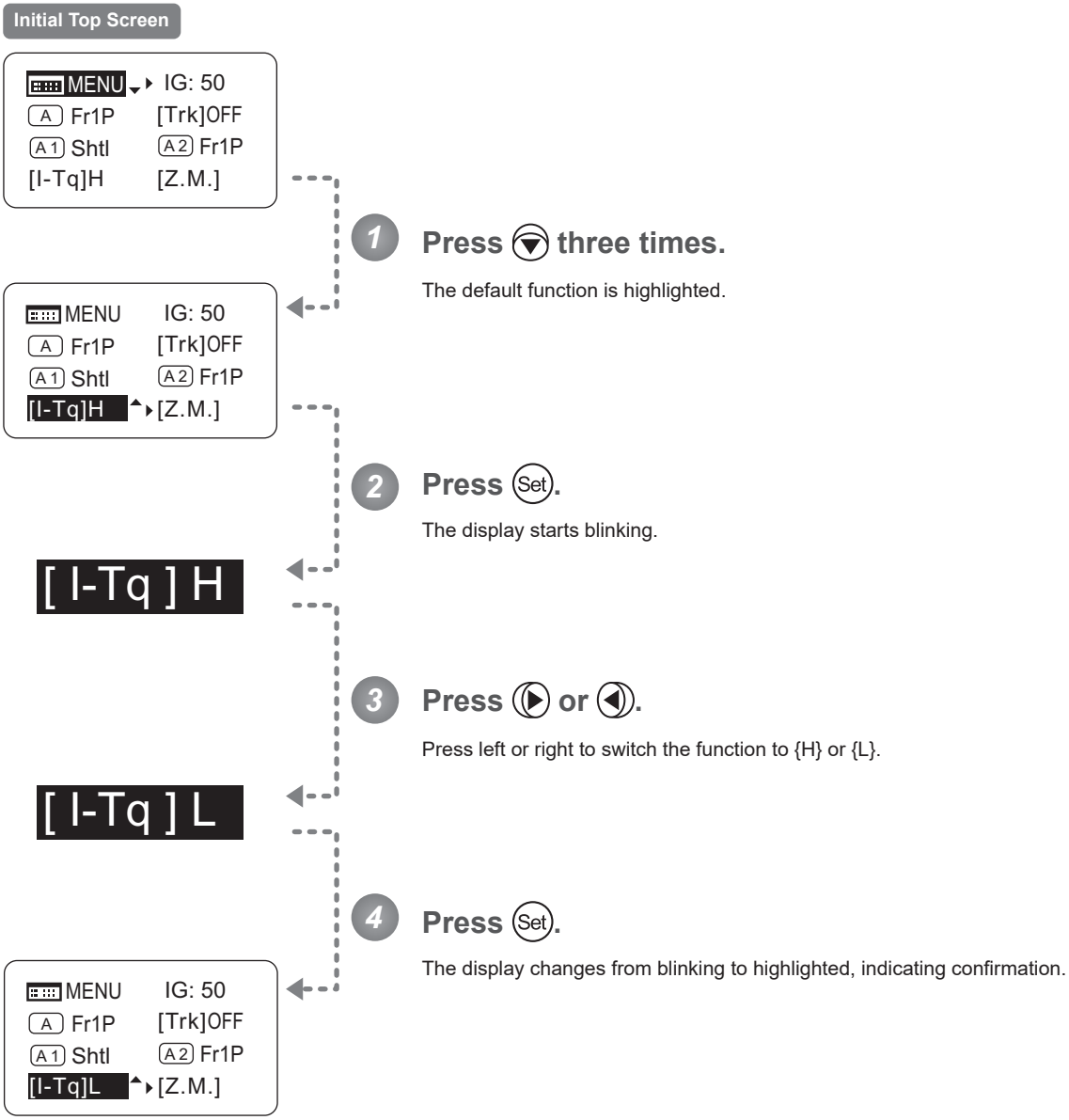
Options	(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value

MENU → × 2 → → A2 Fr1P → Set → → or → Set

3.1.8 Specifying Iris Torque [I-Tq]

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



Options	(D) H	L
Description	High torque	Low torque

(D): Default value

MENU → × 3 → [I-Tq] H → Set → or → Set

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.)

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.]

CurveMode Screen

Zoom [ ]
CurveMode
Seesaw: 5
Demand: 5

Zoom [ ]
CurveMode
Seesaw: ◂D5▸
Demand: 5

Zoom [ ]
CurveMode
Seesaw: ◂ 3 ▸▸
Demand: 5

1 **Press ▼ three times and ▶ once.**

Your selection is now highlighted.

2 **Press Set.**

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

3 **Press ▼.**

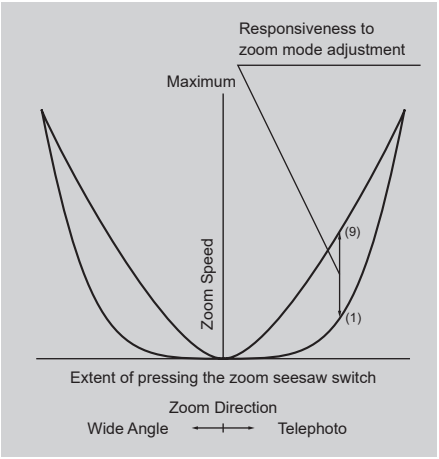
[Seesaw] is underlined.
The default value is highlighted.

4 **Press ▶ or ◀.**

Press left or right until you reach the desired value.

5 **Press Set.**

The display reverts to **Screen A**.



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

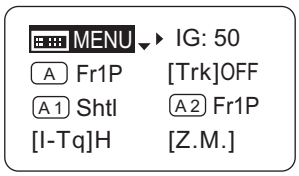
(D): Default value

MENU → ▼ × 3 → ▶ → [Z.M.] → Set → ▼ → ▶ or ◀ → Set

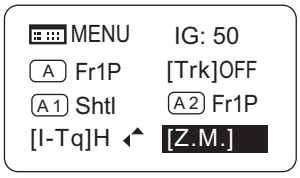
Specifying Analog Demand Responsiveness

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.)

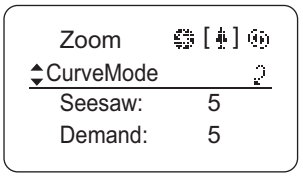
Initial Top Screen

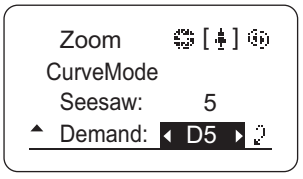


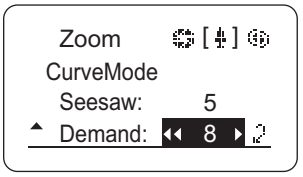
Screen A



CurveMode Screen







1 **Press ▼ three times and ▶ once.**

Your selection is now highlighted.

2 **Press Set.**

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

3 **Press ▼ twice.**

[Demand] is underlined.

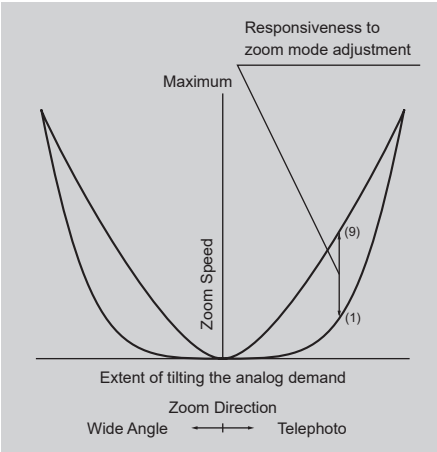
The default value is highlighted.

4 **Press ▶ or ◀.**

Press left or right until you reach the desired value.

5 **Press Set.**

The display reverts to **Screen A**.



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

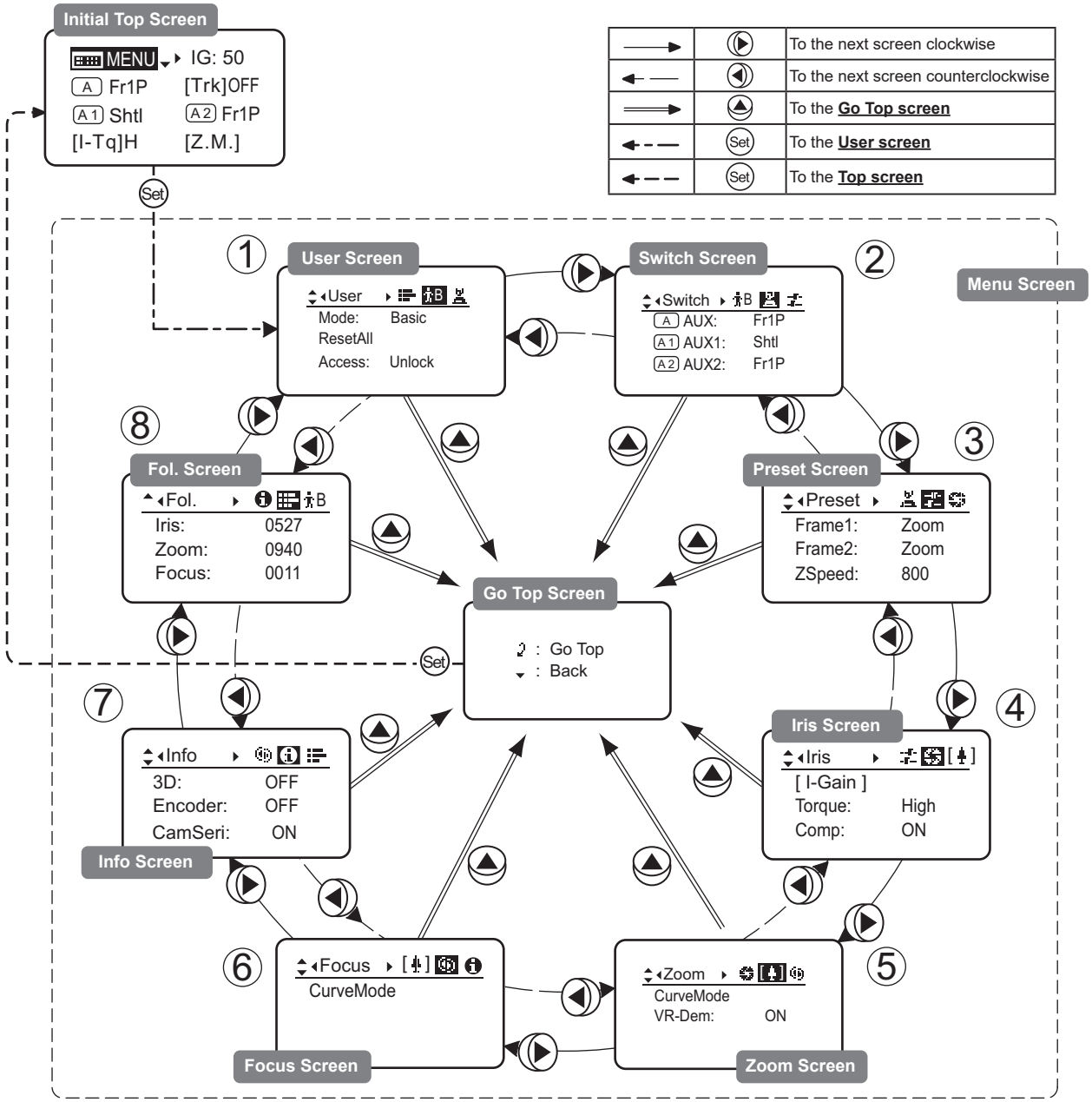
(D): Default value

MENU → ▼ × 3 → ▶ → [Z.M.] → Set → ▼ × 2 → ▶ or ◀ → Set

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

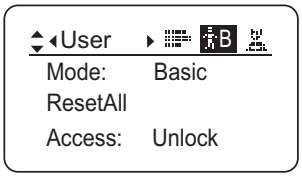
3.2.1 User Screen Settings

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

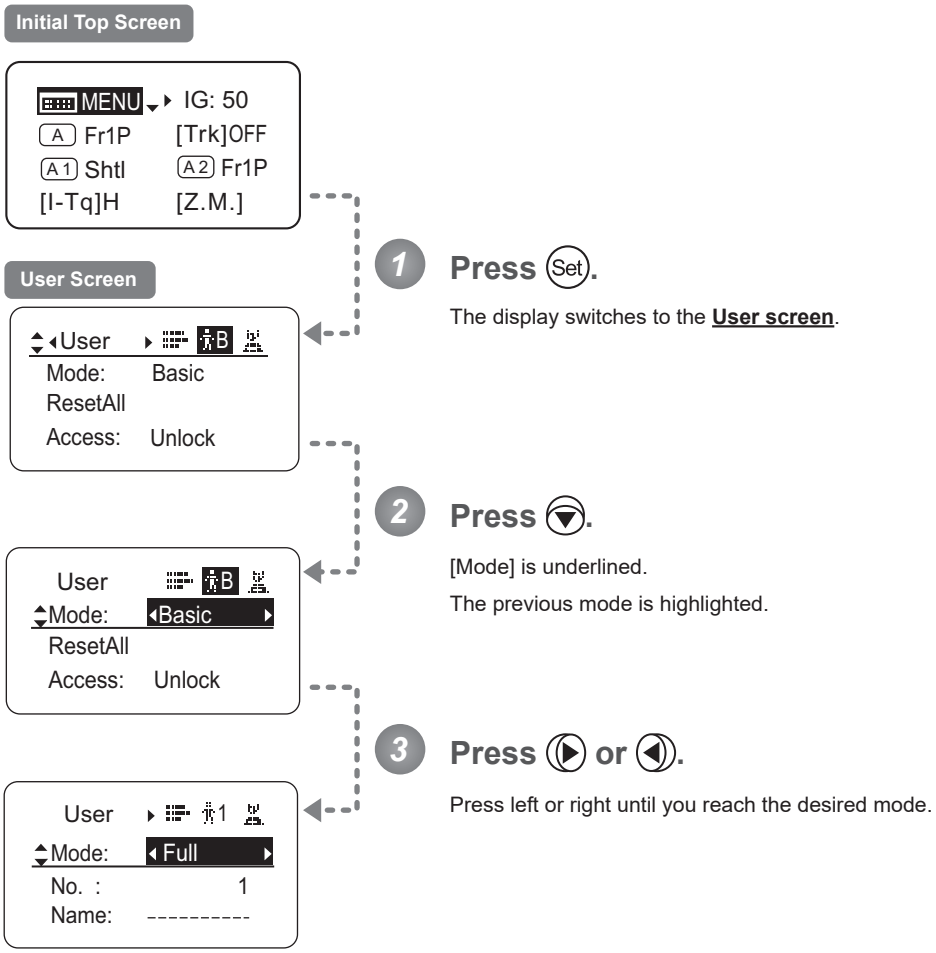


Switching Modes

Switch to Full or Analog mode as needed.

Important

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



1 **Press (Set).**

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

2 **Press ▼.**

[Mode] is underlined.

The previous mode is highlighted.

3 **Press ▶ or ◀.**

Press left or right until you reach the desired mode.

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

(D): Default value

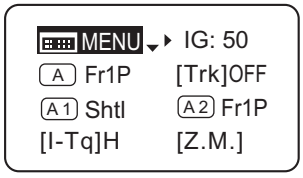
MENU → (Set) → User → ▼ → ▶ or ◀

Resetting Values

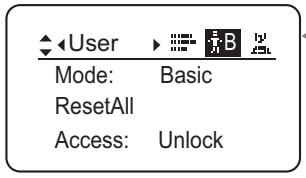
Reset a user's settings to default values as needed.

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

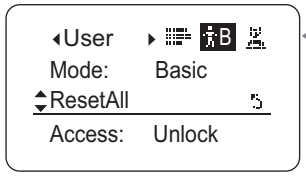
Initial Top Screen



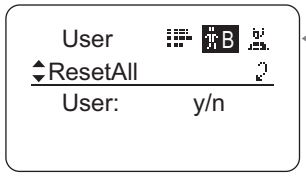
User Screen

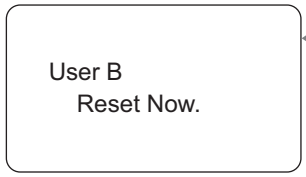


Title: Reset

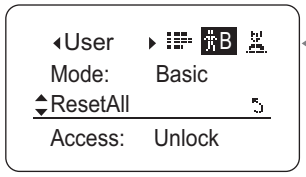


Reset Screen





Title: Reset



1 Press (Set).

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

2 Press (▼) twice.

[ResetAll] is underlined.

3 Press (Set).

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

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.

4 Press (▼).

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

5 Press (◀) and then (Set).

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

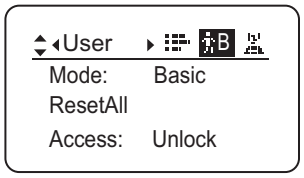
The settings have now been reset.

MENU → (Set) → User → B → (▼) × 2 → (Set) → (▼) → (◀) → (Set)

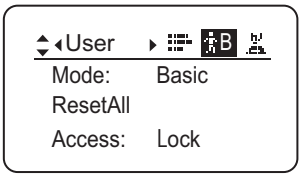
Locking Functions

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

Unlocked



Locked



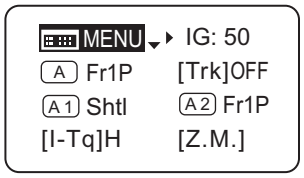
Note

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

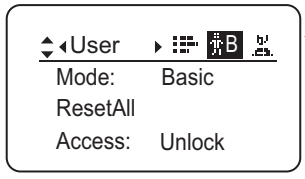
- Preset data (Shuttle shot position, Frame preset position, Preset speed)
- Auto iris gain setting

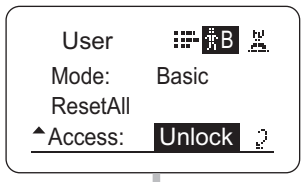
(1) Locking Settings

Initial Top Screen



User Screen





1 **Press (Set).**

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

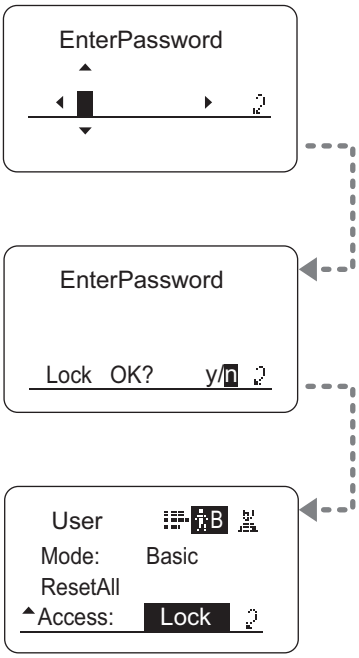
2 **Press ▼ three times.**

The previous or default value is highlighted.

3 **Press (Set).**

Continued on next page

Continued from previous page



4 Enter the password and press (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 (◀) and then (Set).

The settings are now locked.

Note

Passwords

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

Characters supported in passwords

Options	(D) _ – A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z 0 1 2 3 4 5 6 7 8 9
Max. Digits	8

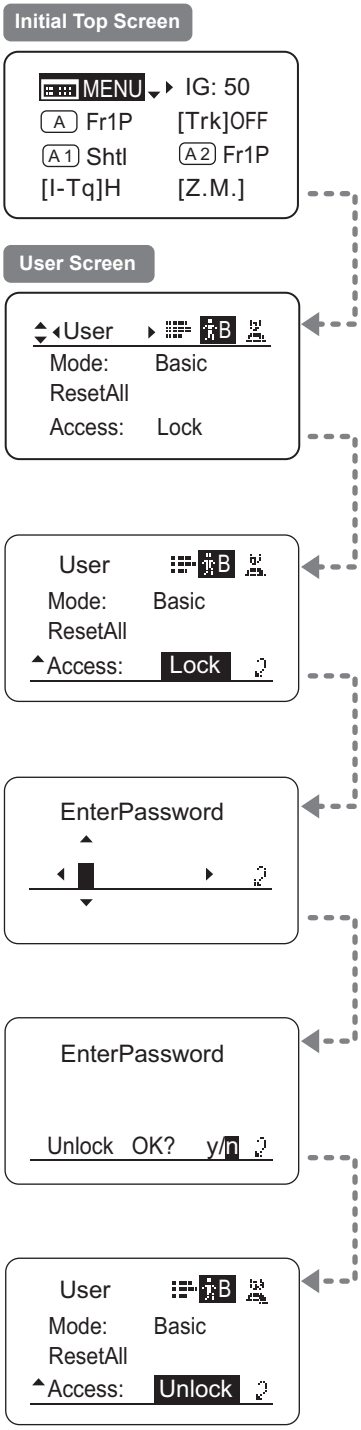
(D) : Default value
_ : Space

Options	(D) Unlock	Lock

(D): Default value

MENU → (Set) → (▼) × 3 → (Set) → Entering Passwords → (Set) → (◀) → (Set) → DISPLAY

(2) Unlocking Settings



1 **Press (Set).**

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

2 **Press ▼ 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 ◀ and then (Set).**

The settings are now unlocked.

MENU → (Set) → ▼ × 3 → (Set) → Entering Passwords → (Set) → ◀ → (Set) → DISPLAY

3.2.2 Switch Screen Settings

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

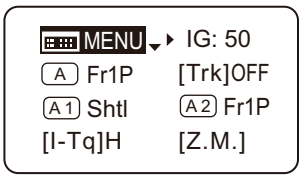
Assigning Functions to the AUX Switch Top
Assigning Functions to the AUX1 Switch Top
Assigning Functions to the AUX2 Switch Top

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

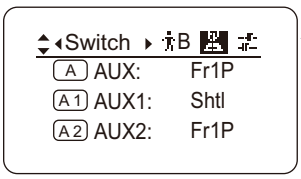
Assigning Functions to the AUX Switch Top

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

Initial Top Screen



Switch Screen

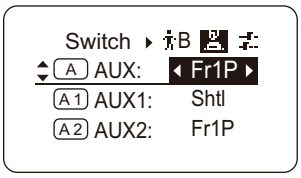


1 Press (Set) and then (▶).

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

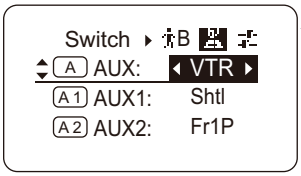
2 Press (▼).

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



3 Press (▶) or (◀).

Press left or right until you reach the desired function.



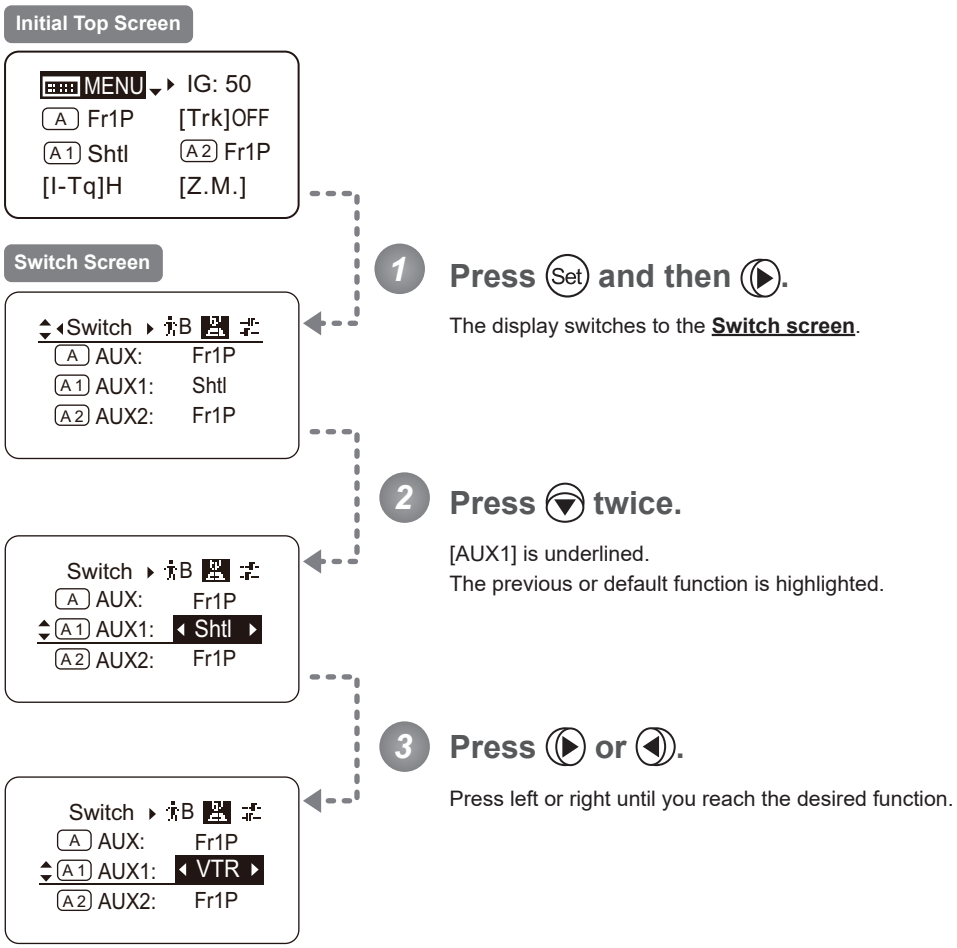
Options	(D) Fr1P	Fr1F	Fr2P	Fr2F	Sped	Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

(D): Default value

MENU → (Set) → (▶) → Switch B → (▼) → (▶) or (◀)

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	(D) Shtl	NON	VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	No function	VTR switch	RET switch

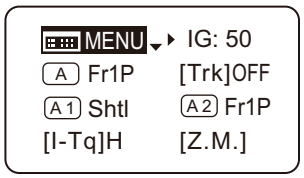
(D): Default value

MENU → Set → → Switch B → × 2 → → or

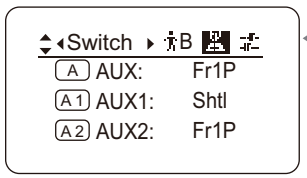
Assigning Functions to the AUX2 Switch Top

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

Initial Top Screen



Switch Screen

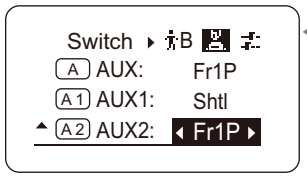


1 **Press (Set) and then (▶).**

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

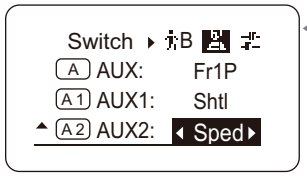
2 **Press (▼) three times.**

[AUX2] is underlined.
The previous or default function is highlighted.



3 **Press (▶) or (◀).**

Press left or right until you reach the desired function.



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

(D): Default value

MENU → (Set) → (▶) → Switch → B → (▼) × 3 → (▶) or (◀)

3.2.3 Preset Screen Settings

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

Switching What Frame Preset 1 Controls

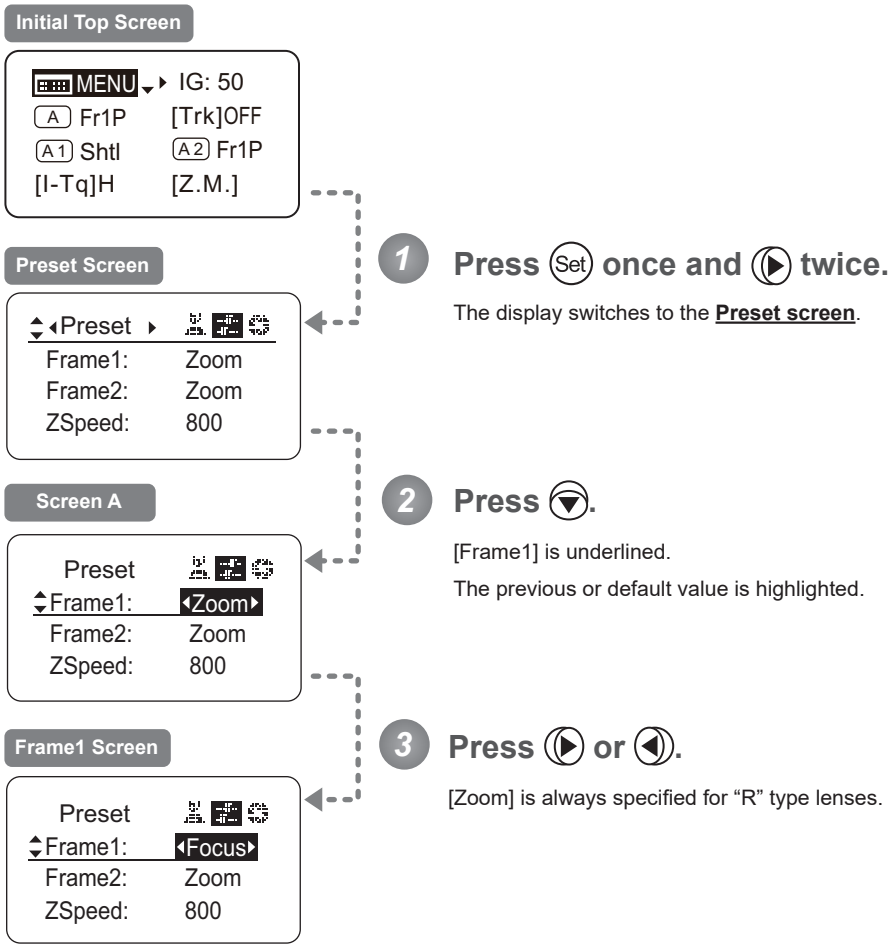
Switching What Frame Preset 2 Controls

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



1 Press Set once and ▶ twice.

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

2 Press ▼.

[Frame1] is underlined.

The previous or default value is highlighted.

3 Press ▶ or ◀.

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

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

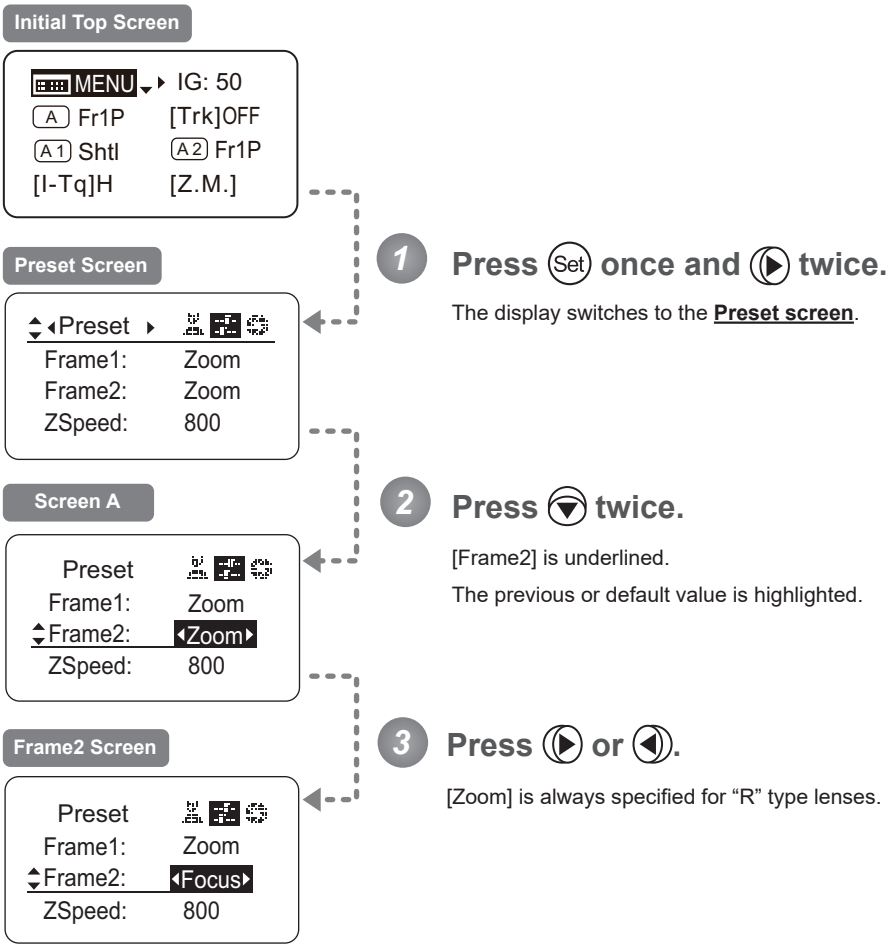
(D): Default value

MENU → Set → ▶ × 2 → Preset → ▼ → ▶ or ◀

Switching What Frame Preset 2 Controls

Switch what frame preset 2 controls, as needed.

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



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

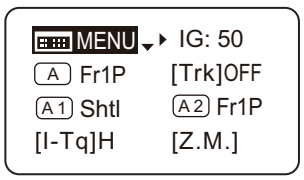
(D): Default value

MENU → Set → ▶ × 2 → Preset → ▼ × 2 → ▶ or ◀

Specifying the Preset Mode Zoom Speed

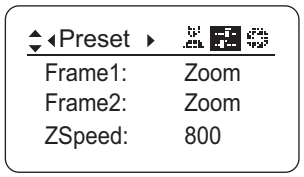
Configure the zoom speed from any position to the position in memory, as needed.
To adjust the value, use either the Memo button (refer to the operation manual “Lens”) or display operations.
Regardless of the method of adjustment used, the most recent setting takes precedence.

Initial Top Screen



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

Preset Screen

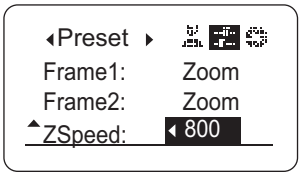


1 **Press Set once and ▶ twice.**

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

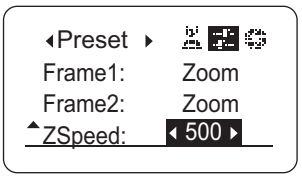
2 **Press ▼ three times.**

[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	(D) 800
Description	Slowest		Fastest

(D): Default value

MENU → Set → ▶ × 2 → Preset → ▼ × 3 → ▶ or ◀

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

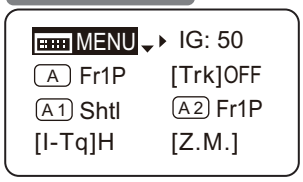
Items labeled Top can also be modified from the **Top screen**.

Specifying Iris Gain

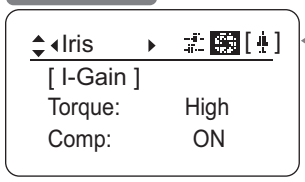
(1) Specifying Auto Iris Gain Top

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 operation manual “Lens”) 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.

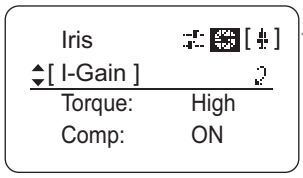
Initial Top Screen



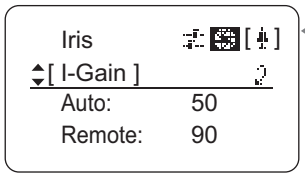
Iris Screen

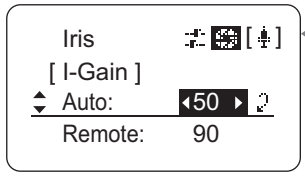


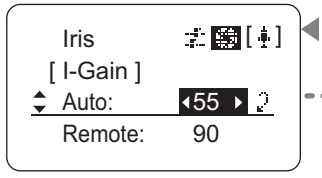
Screen A



[I-Gain] Screen







1 Press Set once and ▶ three times.

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

2 Press ▼.

[I-Gain] is underlined.

3 Press Set.

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

4 Press ▼.

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

5 Press ▶ or ◀.

Press left or right until you reach the desired function.

6 Press Set.

The display reverts to **Screen A**.

Note: Do the following when adjusting gain while checking iris operation.
→ Confirm that the drive unit A/M switch is set to [Auto] mode.
→ Set the camera iris mode to [Auto].

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

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

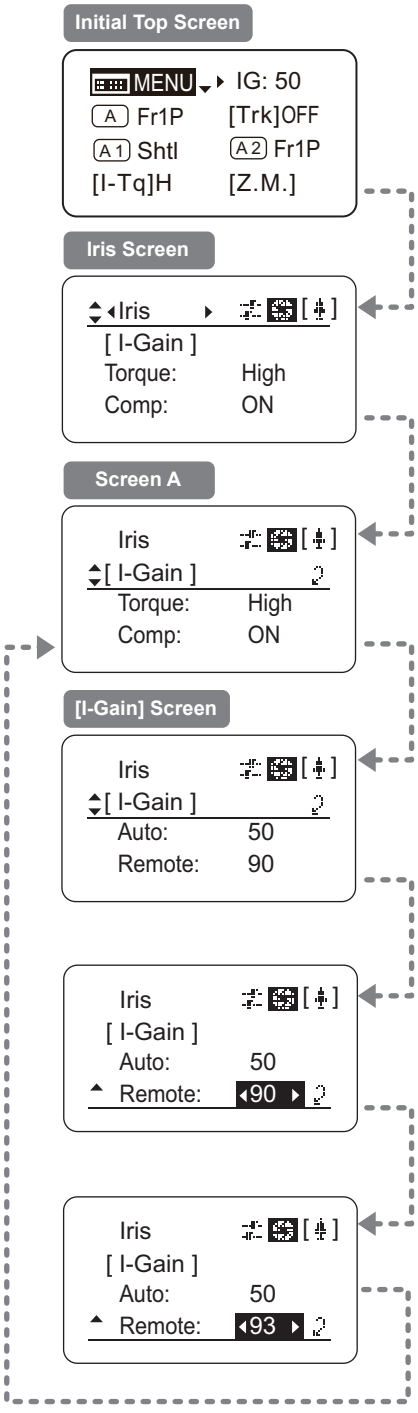
Options	01	to	99
Description	Minimum gain		Maximum gain

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

MENU → Set → ▶ × 3 → Iris → [ ] → ▼ → Set → ▼ → ▶ or ◀ → Set

(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.



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].

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

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

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.

2 **Press (▼).**

[I-Gain] is underlined.

3 **Press (Set).**

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

4 **Press (▼) twice.**

[Remote] is underlined.

The previous or default value is highlighted.

5 **Press (▶) or (◀).**

Press left or right until you reach the desired function.

6 **Press (Set).**

The display reverts to **Screen A**.

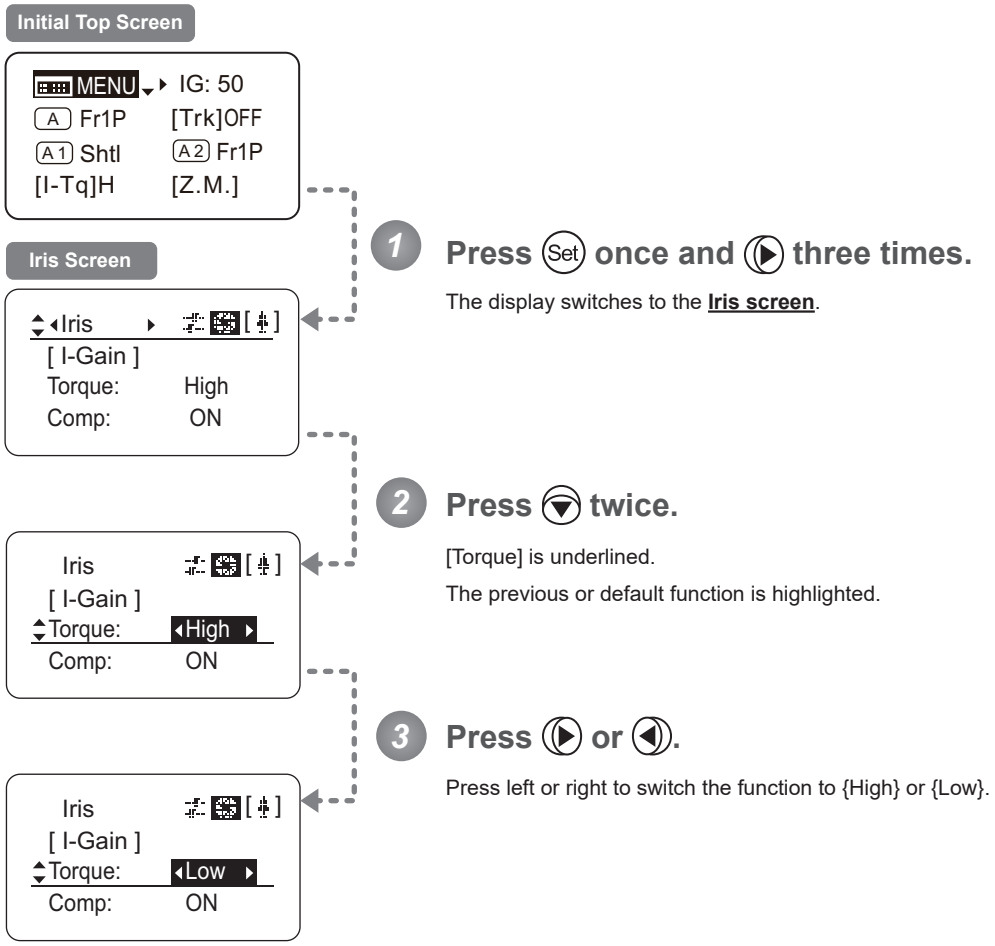
Options	01	to	99
Description	Minimum gain		Maximum gain

Default value: 90

MENU → (Set) → (▶) × 3 → Iris → [ ] → (▼) → (Set) → (▼) × 2 → (▶) or (◀) → (Set)

Specifying Iris Torque Top

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



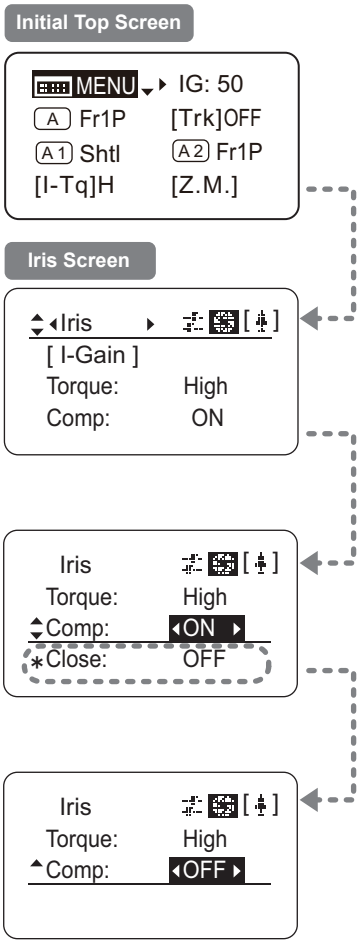
Options	(D) High	Low
Description	High torque	Low torque

(D): Default value

MENU → Set → ▶ × 3 → Iris → [ ] → ▼ × 2 → ▶ or ◀

Iris Compensation ON/OFF

The amount of light decreases when an extender (2.0×) is used. Therefore, you can set a function that corrects the iris to the open side so as to maintain the amount of light.



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	(D) ON	OFF
Description	Iris compensation	No iris compensation

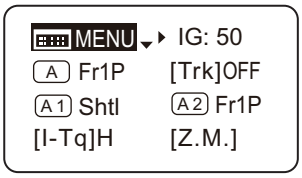
(D): Default value

MENU → (Set) → (▶) × 3 → Iris → [ ] → (▼) × 3 → (▶) or (◀)

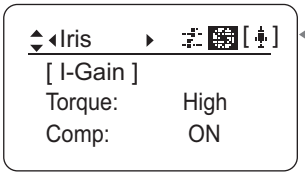
Iris Close Detection ON/OFF

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

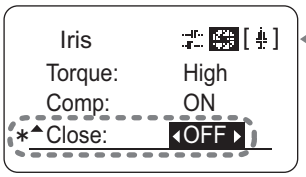


Iris Screen



1 Press (Set) once and (▶) three times.

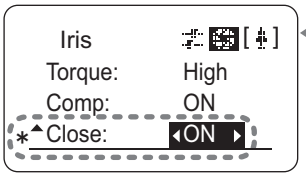
The display switches to the **Iris screen**.



2 Press (▼) four times.

[Close] is underlined.

The previous or default function is highlighted.



3 Press (▶) or (◀).

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

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

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

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

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

(D): Default value

MENU → (Set) → (▶) × 3 → Iris → [ ] → (▼) × 4 → (▶) or (◀)

3.2.5 Zoom Screen Settings

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

Specifying Seesaw Switch Responsiveness

Specifying Analog Demand Responsiveness

Demand-Based Zoom Speed Adjustment ON/OFF

Specifying Seesaw Switch Responsiveness

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

Initial Top Screen

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

Zoom Screen

◂Zoom ▸ [ ]
CurveMode
VR-Dem: ON

Screen A

Zoom [ ]
CurveMode
VR-Dem: ON

CurveMode Screen

Zoom [ ]
CurveMode
Seesaw: 5
Demand: 5

Zoom [ ]
CurveMode
Seesaw: ◂ D5 ▸
Demand: 5

Zoom [ ]
CurveMode
Seesaw: ◂◂ 7 ▸
Demand: 5

1 Press (Set) once and (▶) four times.

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

2 Press (▼).

[CurveMode] is underlined.

3 Press (Set).

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

4 Press (▼).

[Seesaw] is underlined.

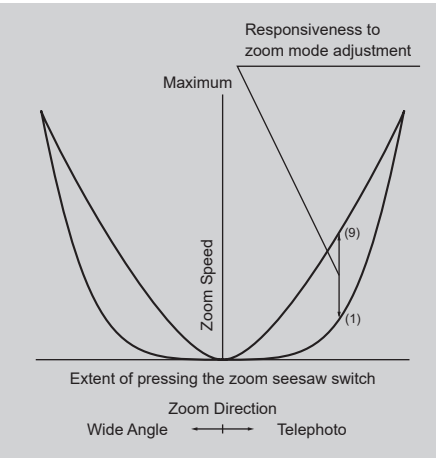
The previous or default value is highlighted.

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

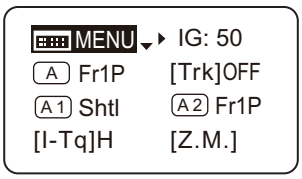
(D): Default value

MENU → (Set) → (▶) × 4 → ◂Zoom ▸ [ ] → (▼) → (Set) → (▼) → (▶) or (◀) → (Set)

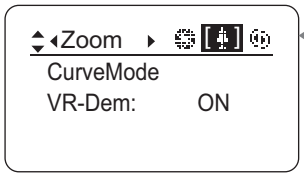
Specifying Analog Demand Responsiveness

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

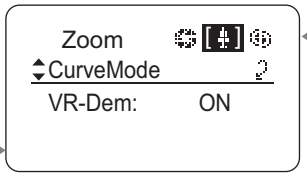
Initial Top Screen



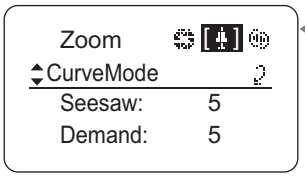
Zoom Screen

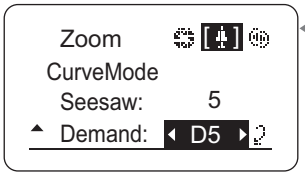


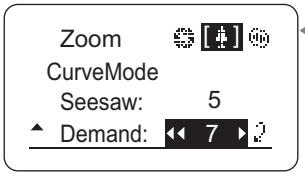
Screen A



CurveMode Screen







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

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

2 **Press (▼).**

[CurveMode] is underlined.

3 **Press (Set).**

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

4 **Press (▼) twice.**

[Demand] is underlined.

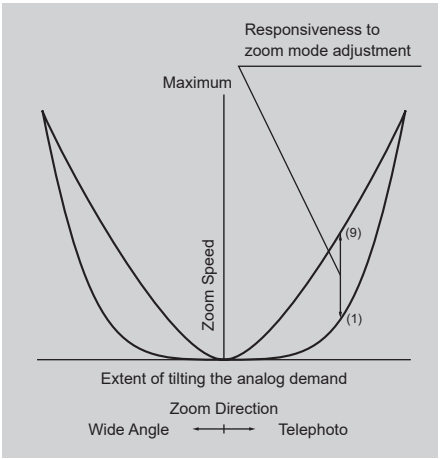
The previous or default value is highlighted.

5 **Press (▶) or (◀).**

Press left or right until you reach the desired function.

6 **Press (Set).**

The display reverts to **Screen A**.



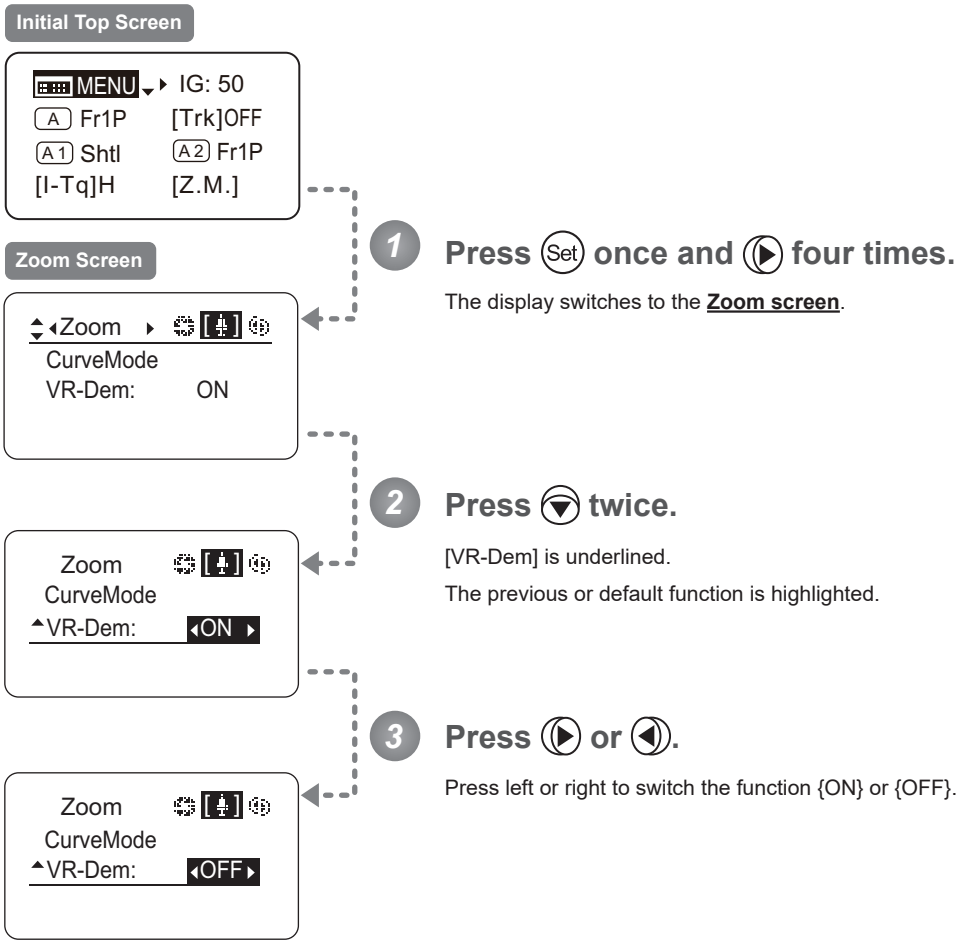
Options	1	2	3	4	(D) 5	6	7	8	9

(D): Default value

MENU → (Set) → (▶) × 4 → Zoom → [ ] → (▼) → (Set) → (▼) × 2 → (▶) or (◀) → (Set)

Demand-Based Zoom Speed Adjustment ON/OFF

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



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

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

2 **Press ▼ twice.**

[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	(D) ON	OFF
Description	Enabled	Disabled

(D): Default value

MENU → Set → ▶ × 4 → Zoom → [ ] → ▼ × 2 → ▶ or ◀

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

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

Focus Screen

Focus ▸ [ ]
CurveMode

Screen A

Focus [ ]
CurveMode

CurveMode Screen

Focus [ ]
CurveMode
ADemand: 5

Focus [ ]
CurveMode
ADemand: D5

Focus [ ]
CurveMode
ADemand: 7

1 Press (Set) once and (◀) three times.

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

2 Press (▼).

[CurveMode] is underlined.

3 Press (Set).

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

4 Press (▼).

[ADemand] is underlined.

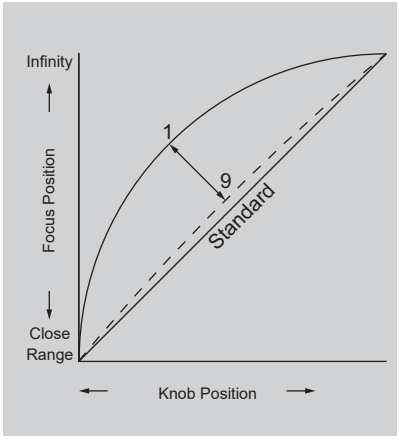
The previous or default value is highlighted.

5 Press (▶) or (◀).

Press left or right until you reach the desired function.

6 Press (Set).

The display reverts to **Screen A**.



Options	1	to	9
Description	Large curve		Small curve

Default value: 5

MENU → (Set) → (◀) × 3 → Focus ▸ [ ] → (▼) → (Set) → (▼) → (▶) or (◀) → (Set)

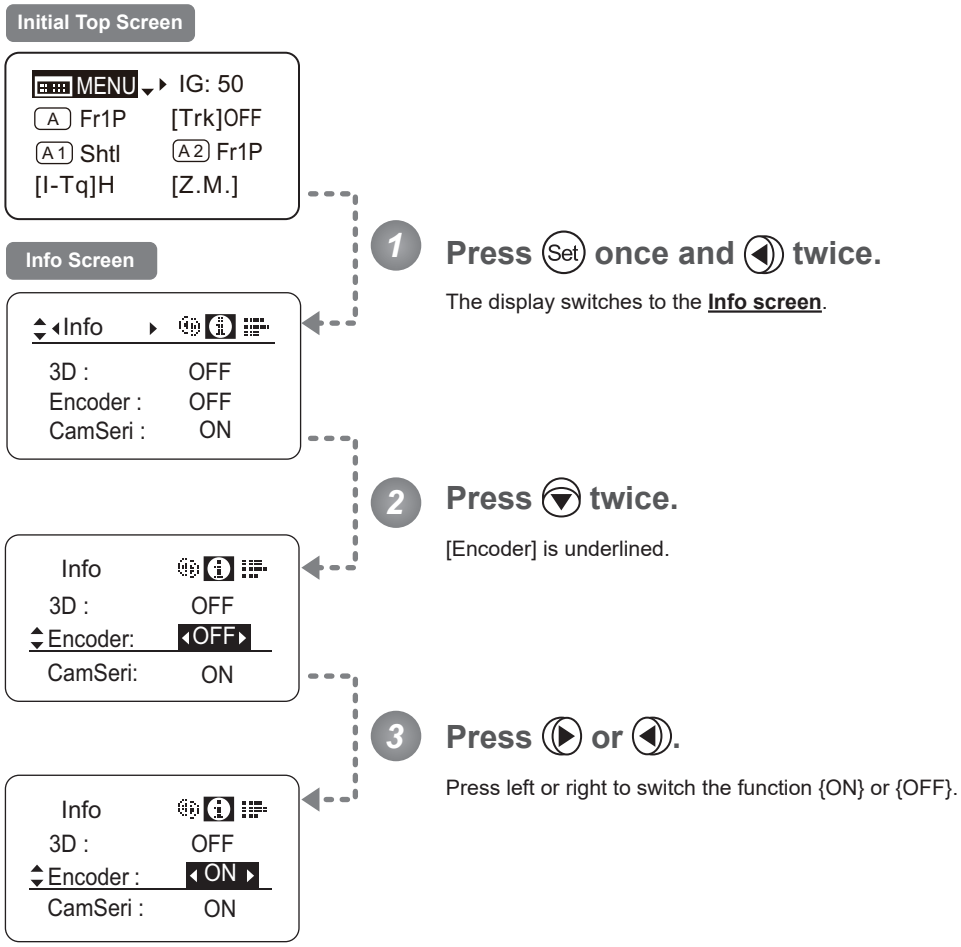
3.2.7 Info Screen Settings

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.



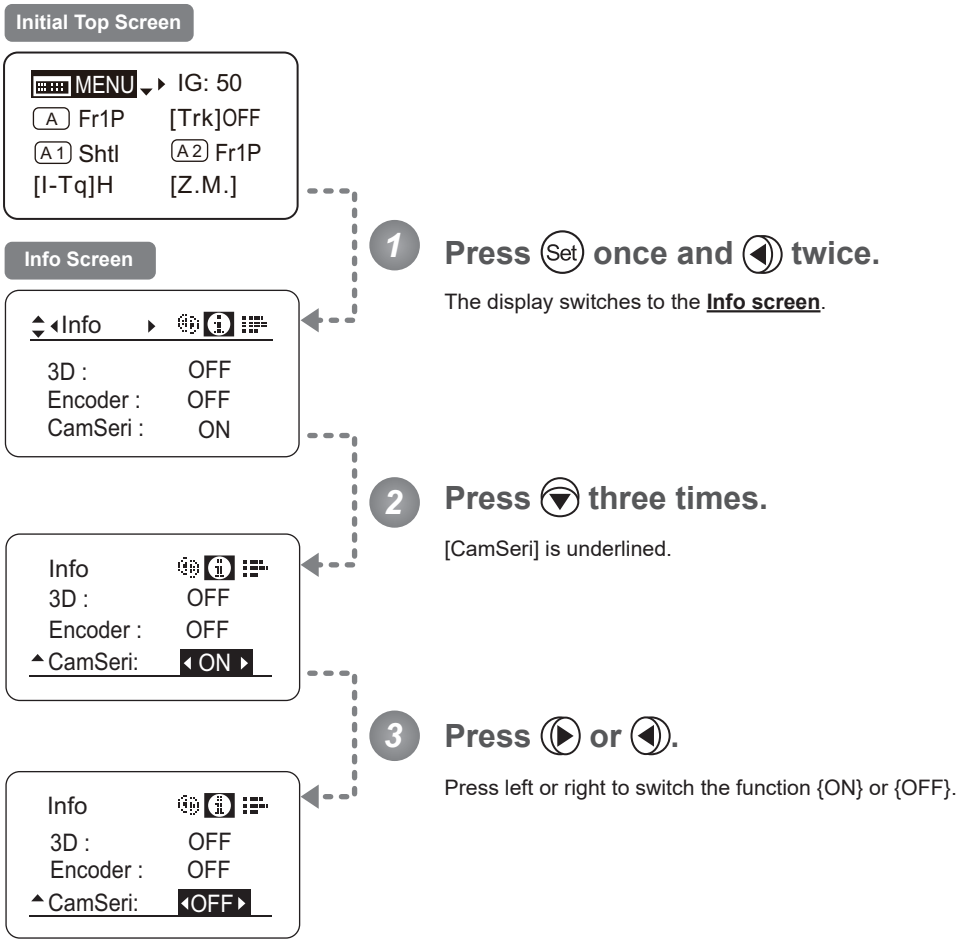
Options	(D) OFF	ON
Description	Output disabled	Output enabled

(D): Default value

MENU → Set → ◀ × 2 → Info → ▼ × 2 → ▶ or ◀

Serial Communication with Camera ON/OFF

Two types of camera–lens interfaces are available: analog control or control via serial communication. This setting enables you to switch between auto control detection and analog control.
By default, this setting is ON, enabling auto detection of whether serial or analog control is used.
To restrict the interface to analog control, set it to OFF.



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

(D): Default value

MENU → Set → ◀ × 2 → Info → ▼ × 3 → ▶ or ◀

3.2.8 Fol. Screen Settings

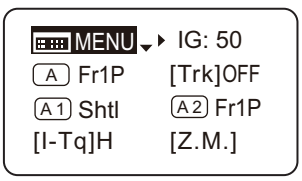
The following setting items can be configured on the **Fol. screen**.

Viewing Lens Follow Settings (Iris, Zoom, Focus)

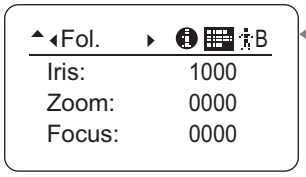
Viewing Lens Follow Settings (Iris, Zoom, Focus)

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



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.

1 Press (Set) and then (◀).

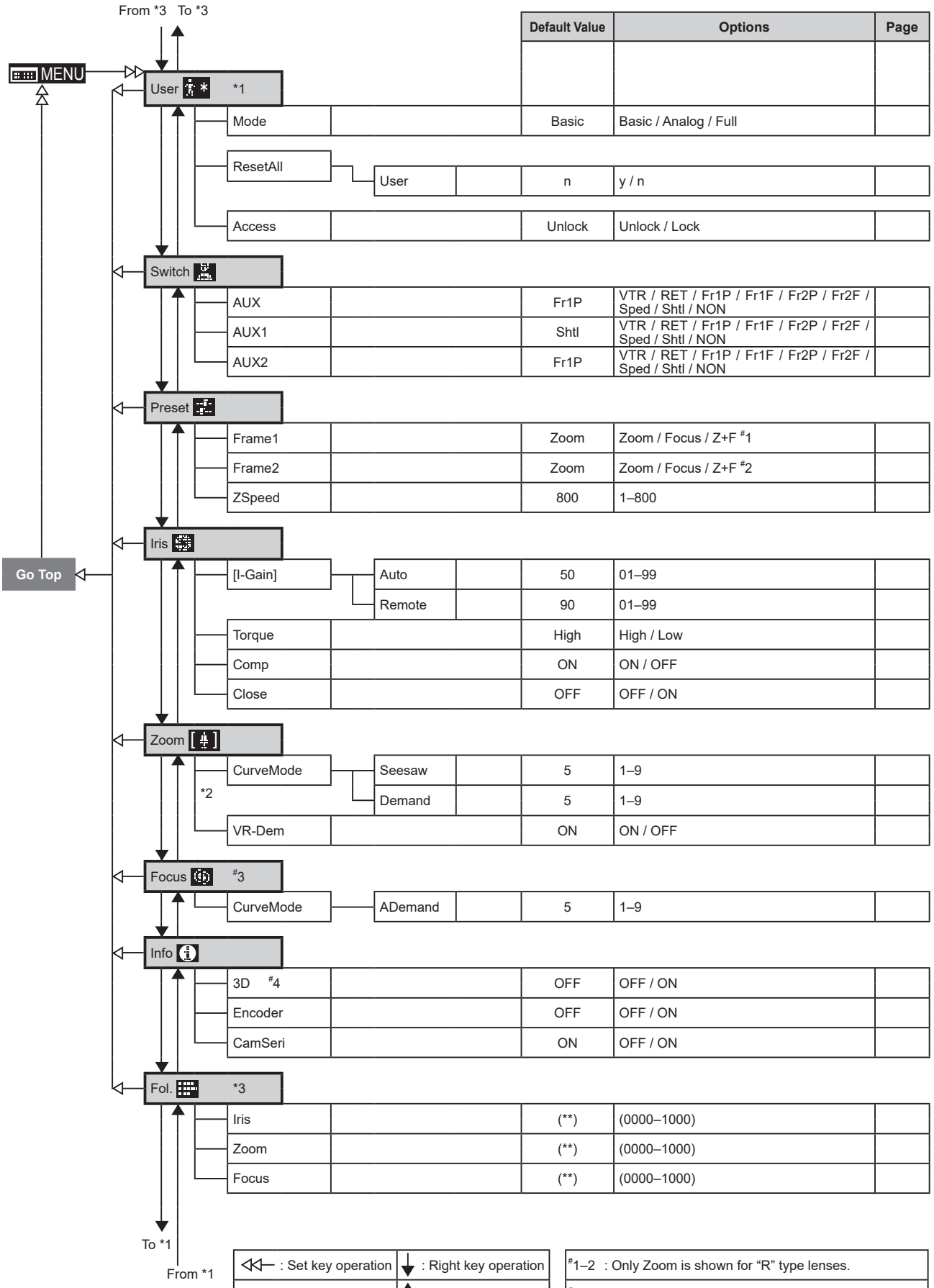
The display switches to the **Fol. screen**, showing relative follow iris, zoom, and focus values.

MENU → (Set) → (◀) → Fol. ▸ B

3.3 List of Settings

	Default Value	Options	Page
Top			
MENU		To *1 on the next page	
IG	50	01–99	
A	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
[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.	



			Default Value	Options	Page
Mode			Basic	Basic / Analog / Full	
ResetAll	User		n	y / n	
Access			Unlock	Unlock / Lock	
AUX			Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
AUX1			Shtl	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
AUX2			Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON	
Frame1			Zoom	Zoom / Focus / Z+F #1	
Frame2			Zoom	Zoom / Focus / Z+F #2	
ZSpeed			800	1–800	
[I-Gain]	Auto		50	01–99	
	Remote		90	01–99	
Torque			High	High / Low	
Comp			ON	ON / OFF	
Close			OFF	OFF / ON	
CurveMode	Seesaw		5	1–9	
	Demand		5	1–9	
VR-Dem			ON	ON / OFF	
CurveMode	ADemand		5	1–9	
3D #4			OFF	OFF / ON	
Encoder			OFF	OFF / ON	
CamSeri			ON	OFF / ON	
Iris			(**)	(0000–1000)	
Zoom			(**)	(0000–1000)	
Focus			(**)	(0000–1000)	

◁◁— : 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

4

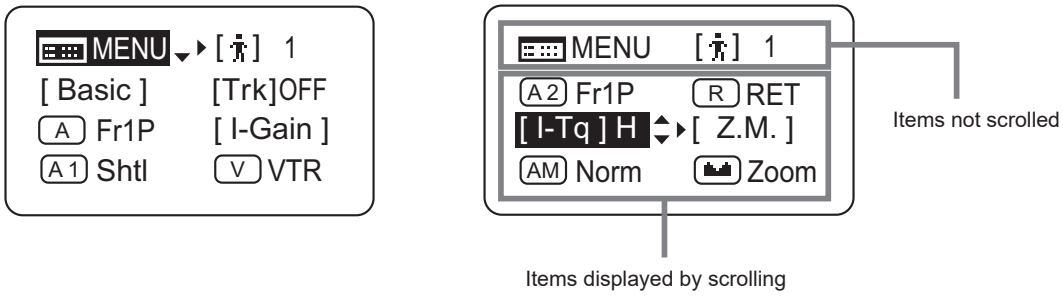
Operation in Full Mode

4. Operation in Full Mode

4.1 Configuration from the Top Screen

To access the **Top screen**, press the Display switch.
A total of 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.

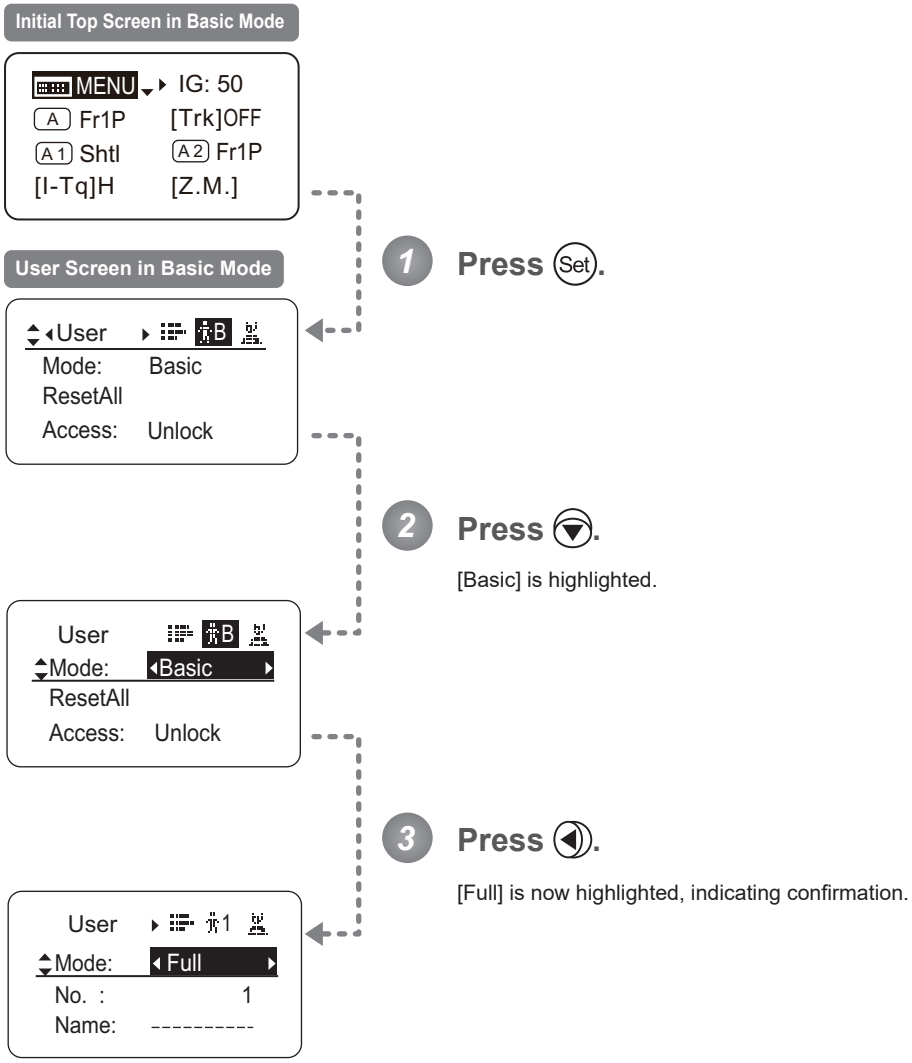
Initial Top Screen in Full Mode



4.1.1 Selecting Full Mode

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

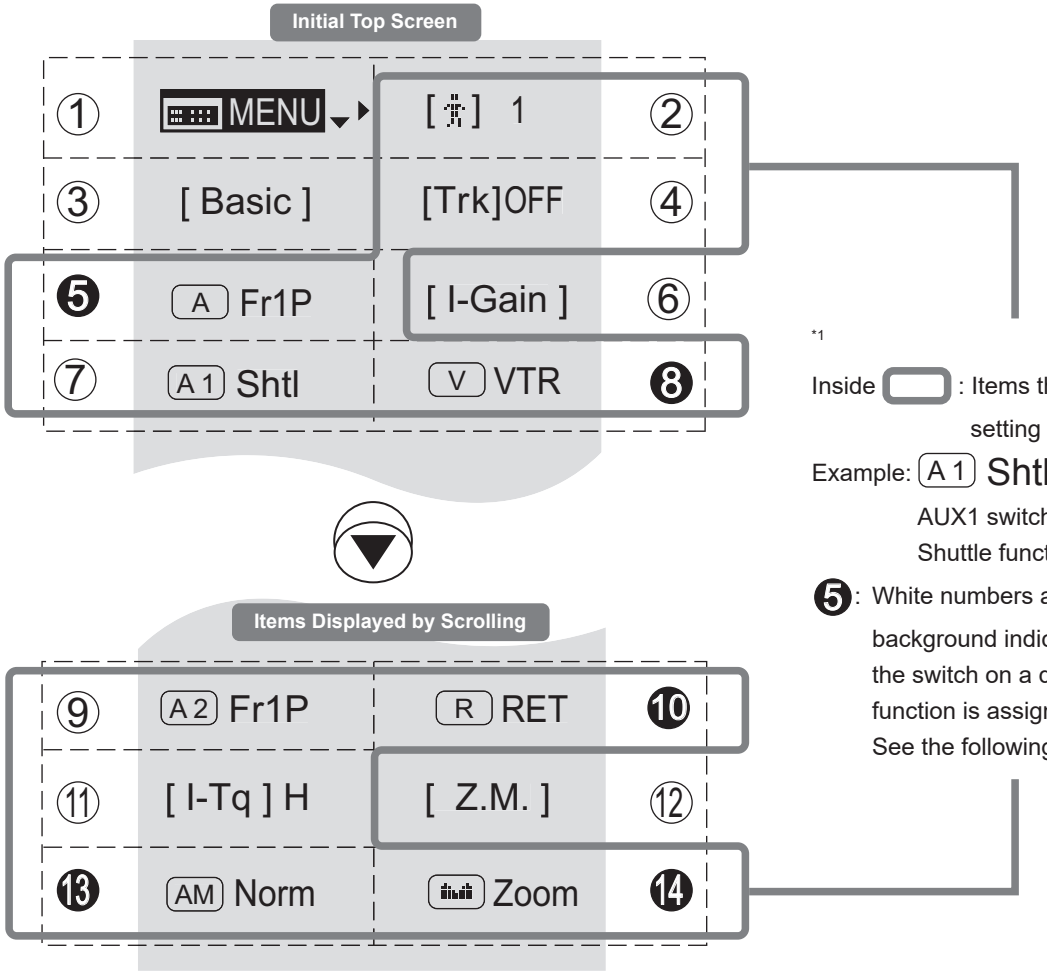
Switching from Basic to Full Mode



MENU → Set → → → [Full]

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.[*1])

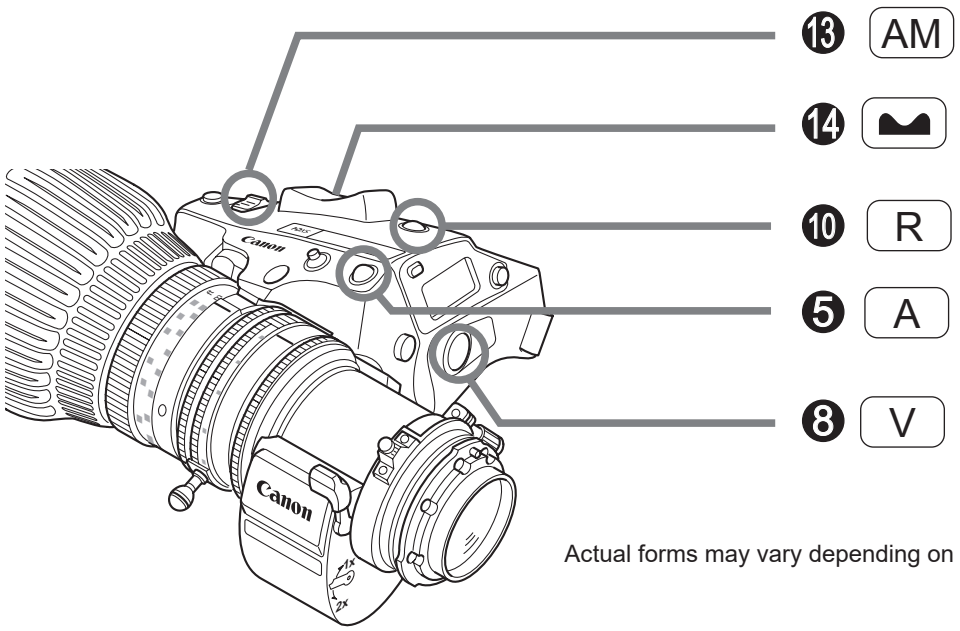


*1

Inside ▭ : Items that show the current setting status.

Example: A 1 Shtl indicates that the AUX1 switch is assigned to the Shuttle function.

❺: 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 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.”

❺ 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 “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 A 1 AUX1 switch

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

See “4.1.8 Assigning Functions to the AUX1 Switch.”

❽ V 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 A 2 AUX2 switch

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

See “4.1.10 Assigning Functions to the AUX2 Switch.”

❿ R 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.”

⓭ AM 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.”

⓮ Seesaw

Enable iris control using the zoom seesaw switch.

See “4.1.15 Assigning Functions to the Seesaw.”

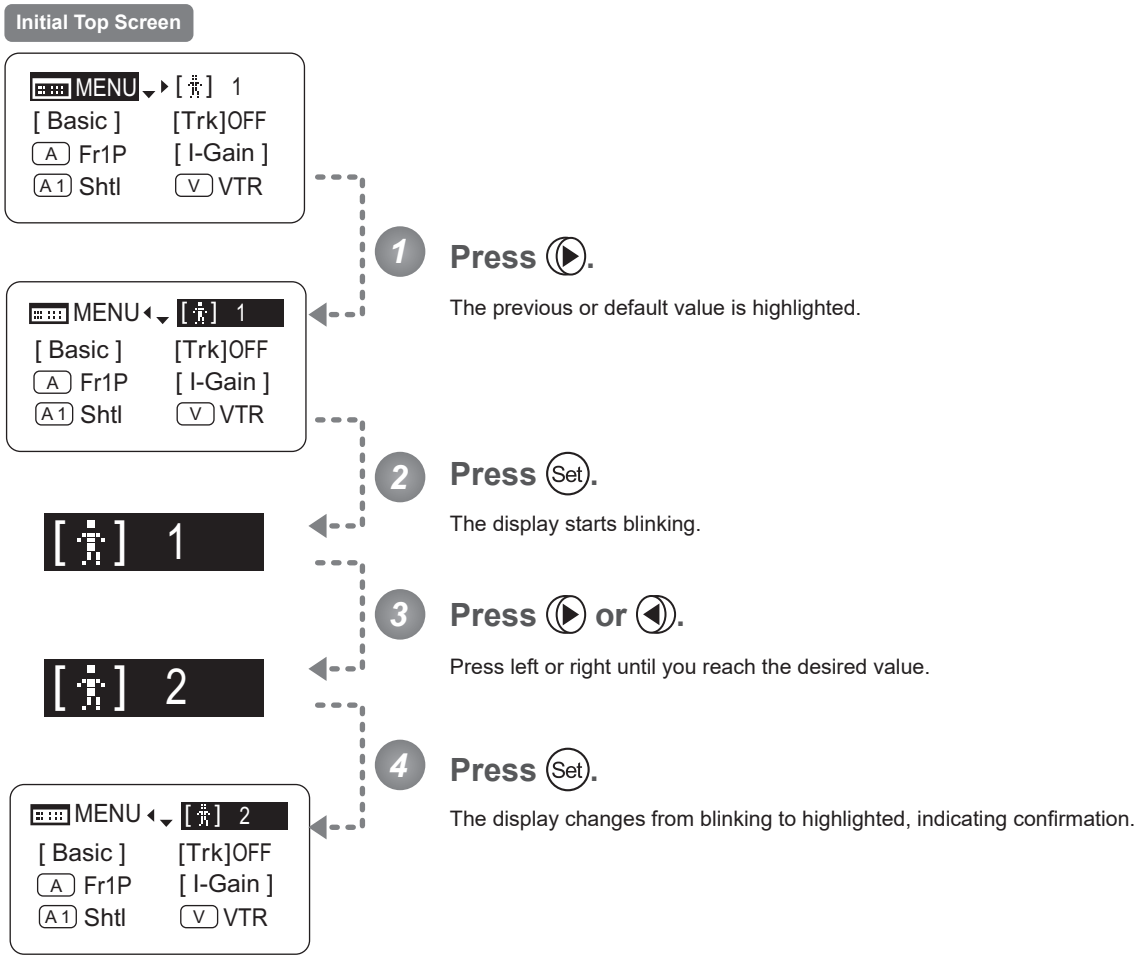
4.1.3 Switching Users [🚹]

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	(D) 1	2	3	4	5	6	7	8	9
Save Settings	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								

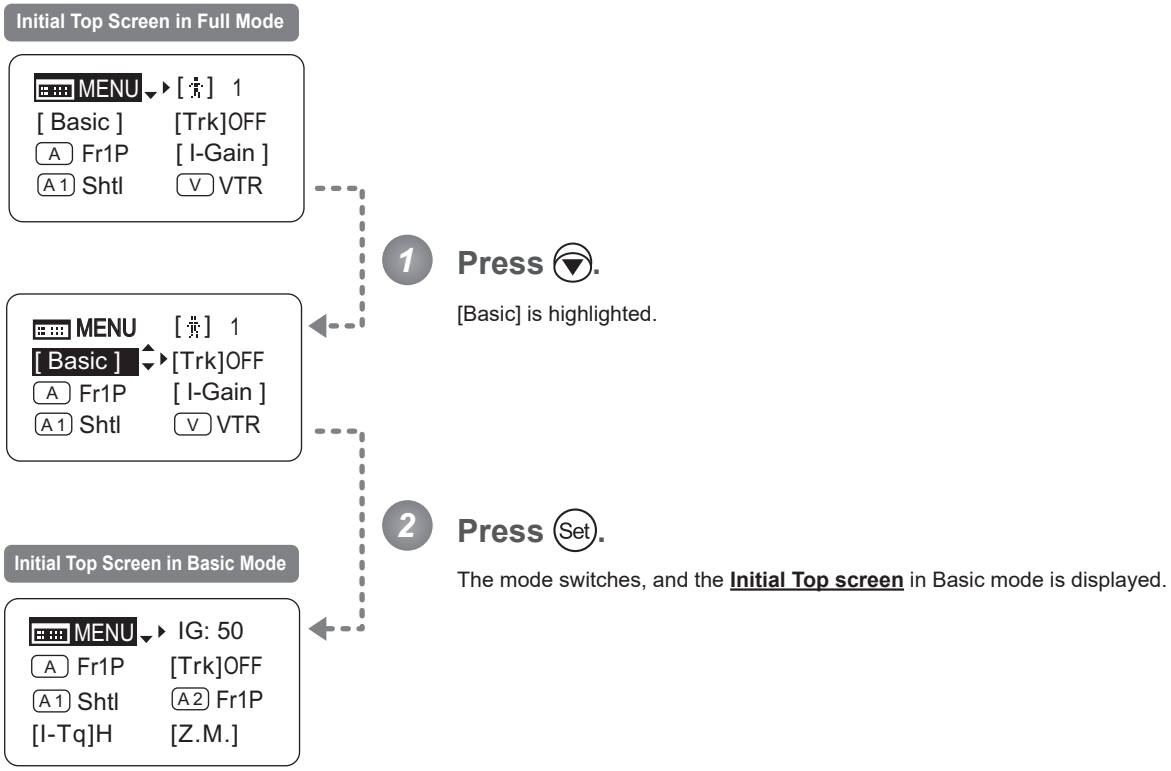
(D): Default value

MENU → ▶ → [🚹] 1 → Set → ▶ or ◀ → Set

4.1.4 Switching to Basic Mode [Basic]

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

Switching from Full to Basic Mode



1 **Press ▼.**

[Basic] is highlighted.

2 **Press Set.**

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

MENU → ▼ → [Basic] → Set

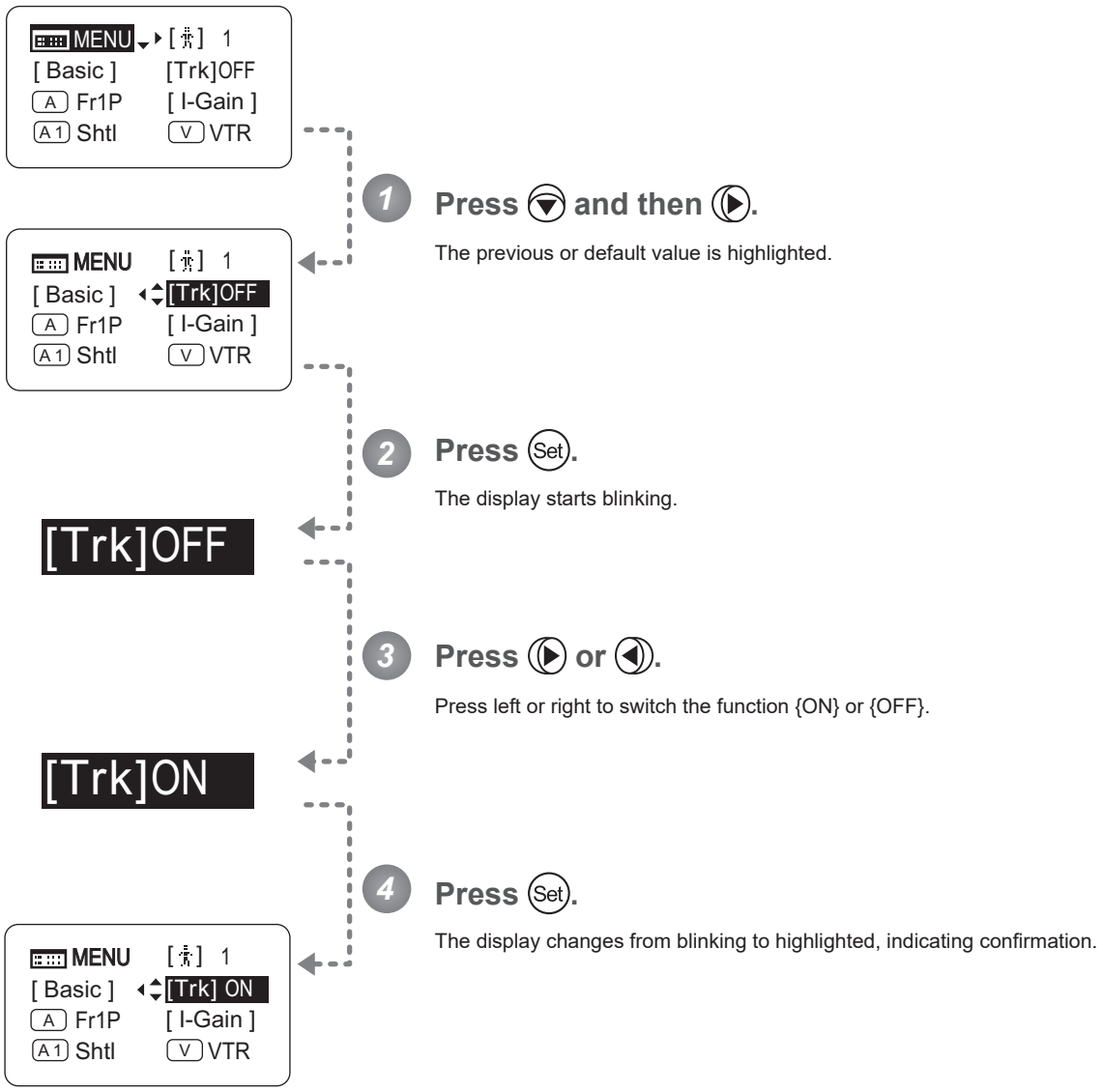
4.1.5 Zoom Tracking ON/OFF [Trk]

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



Options	(D) OFF	ON

(D): Default value

MENU → → → [Trk]OFF → Set → → or → Set

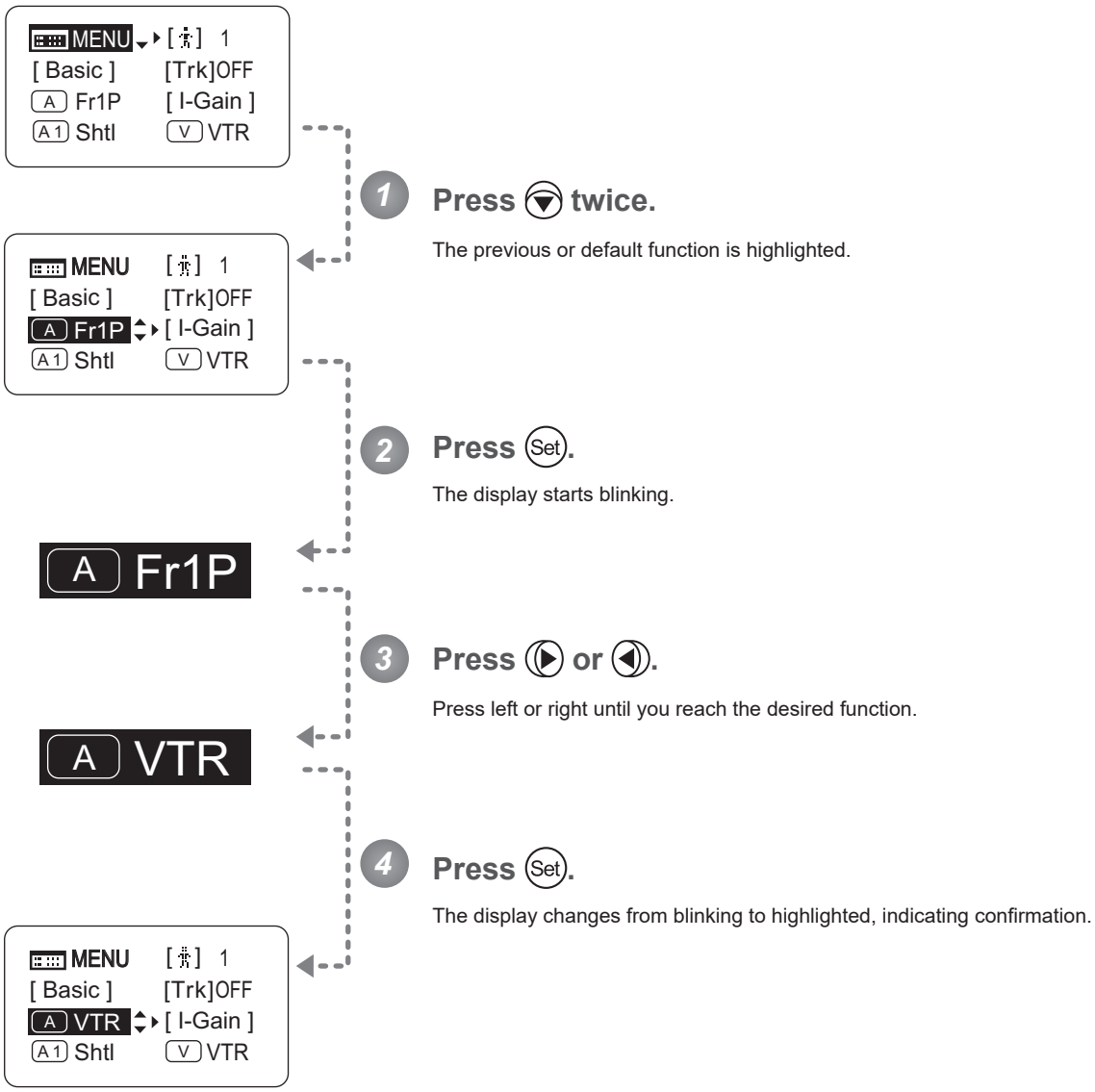
4.1.6 Assigning Functions to the AUX Switch

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



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

(D): Default value

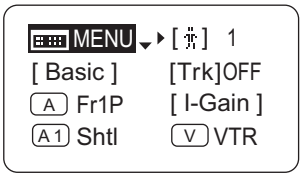
MENU → × 2 → A Fr1P → Set → or → Set

4.1.7 Specifying Iris Gain [I-Gain]

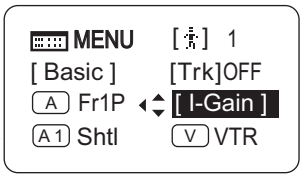
Specifying Auto Iris Gain

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 operation manual “Lens”) 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.

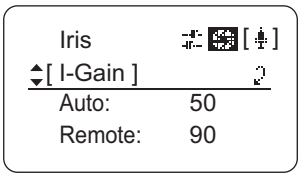
Initial Top Screen

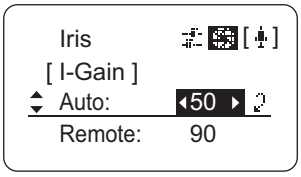


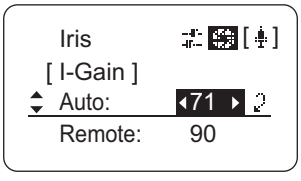
Screen A



[I-Gain] Screen







1 Press ▼ twice and ▶ once.

Your selection is now highlighted.

2 Press Set.

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

3 Press ▼.

[Auto] is underlined.

The previous or default value is highlighted.

4 Press ▶ or ◀.

Press left or right until you reach the desired value.

5 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.

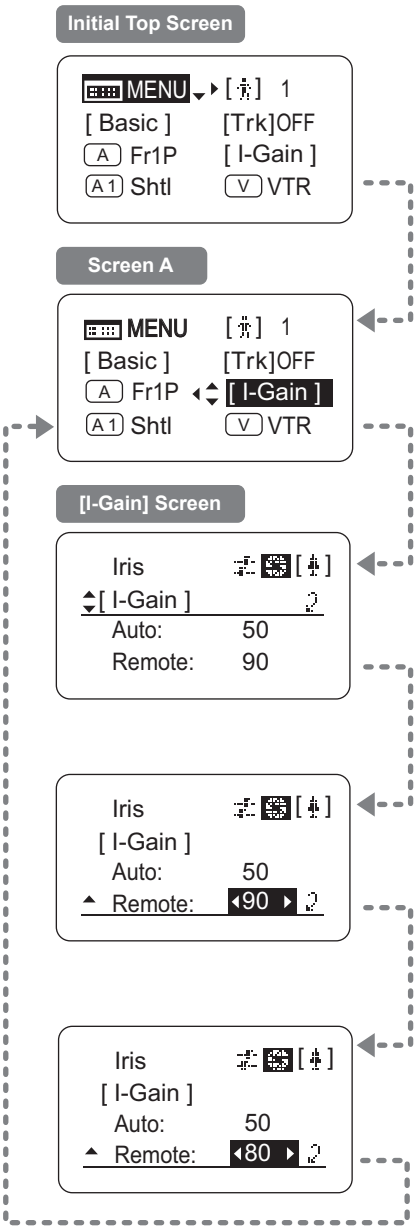
Options	01	to	99
Description	Minimum gain		Maximum gain

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

MENU → ▼ × 2 → ▶ → [I-Gain] → Set → ▼ → ▶ or ◀ → Set

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].

1 **Press ▼ twice and ▶ once.**

Your selection is now highlighted.

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

2 **Press Set.**

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

3 **Press ▼ twice.**

[Remote] is underlined.

The previous or default value is highlighted.

4 **Press ▶ or ◀.**

Press left or right until you reach the desired value.

5 **Press Set.**

The display reverts to **Screen A**.

Options	01	to	99
Description	Minimum gain		Maximum gain

Default value: 90

MENU → ▼ × 2 → ▶ → [I-Gain] → Set → ▼ × 2 → ▶ or ◀ → Set

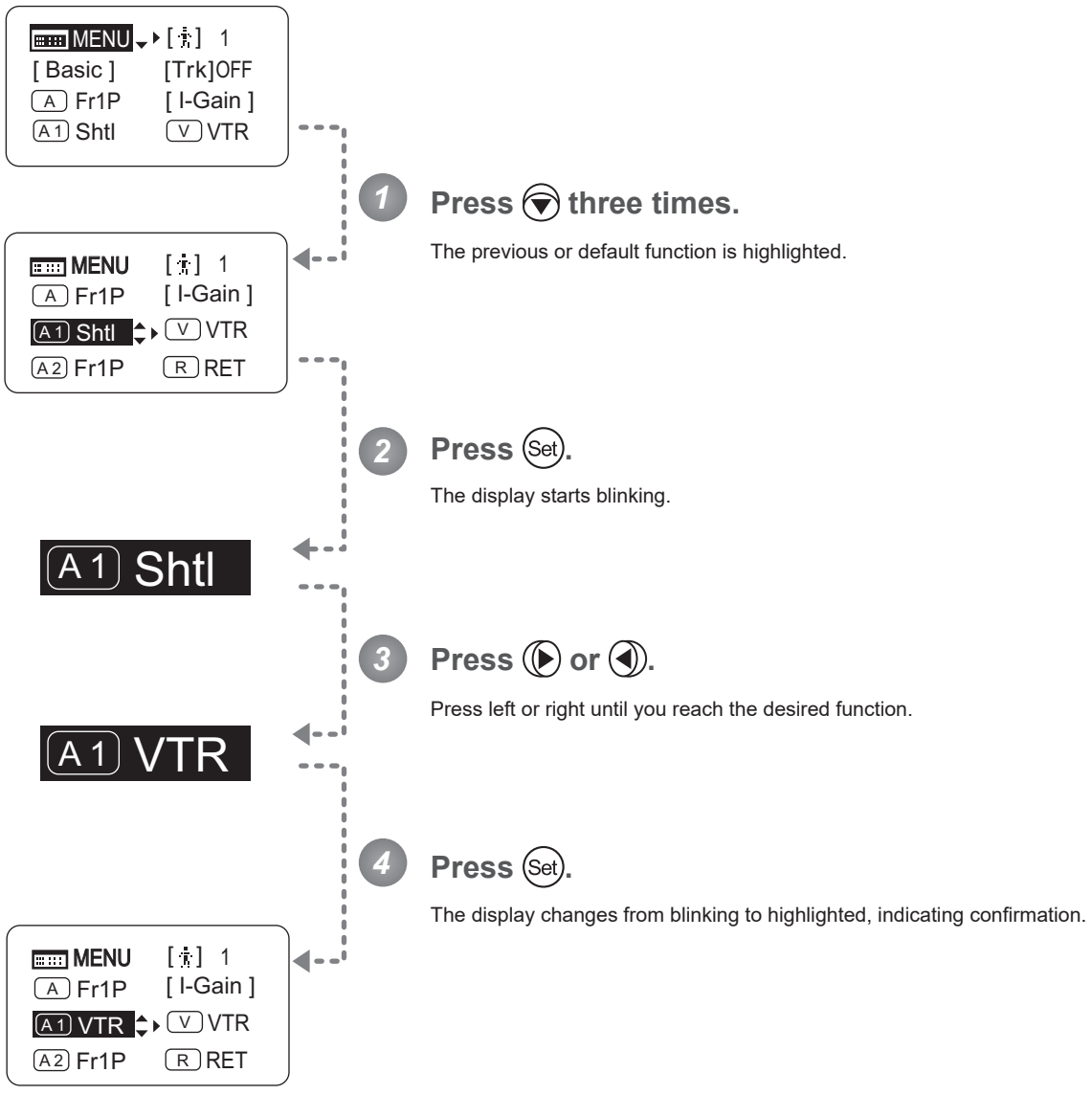
4.1.8 Assigning Functions to the AUX1 Switch A1

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



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

(D): Default value

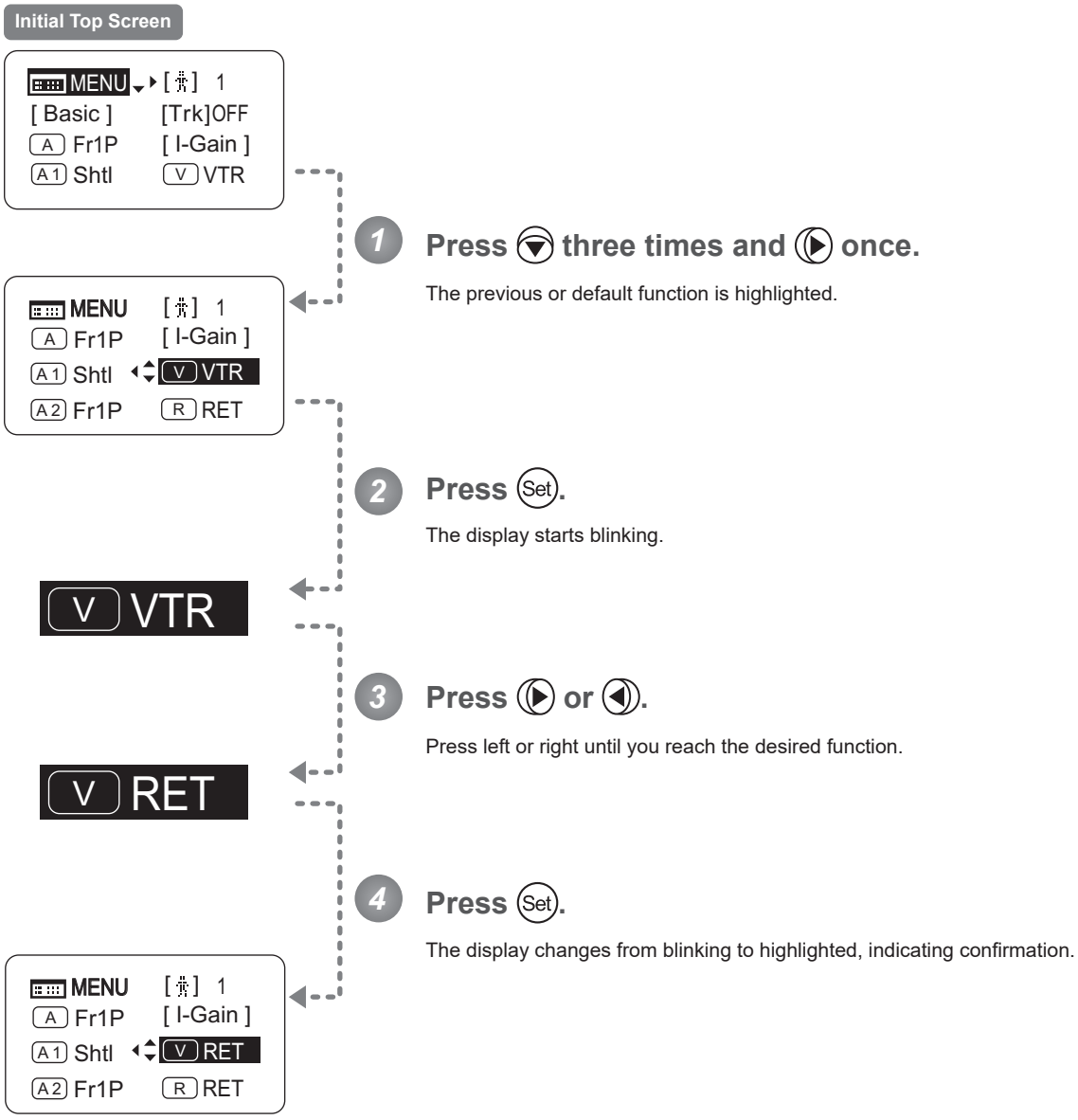
MENU → × 3 → A1 Shtl → Set → or → Set

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.”)



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

(D): Default value

MENU → × 3 → → V VTR → Set → or → Set

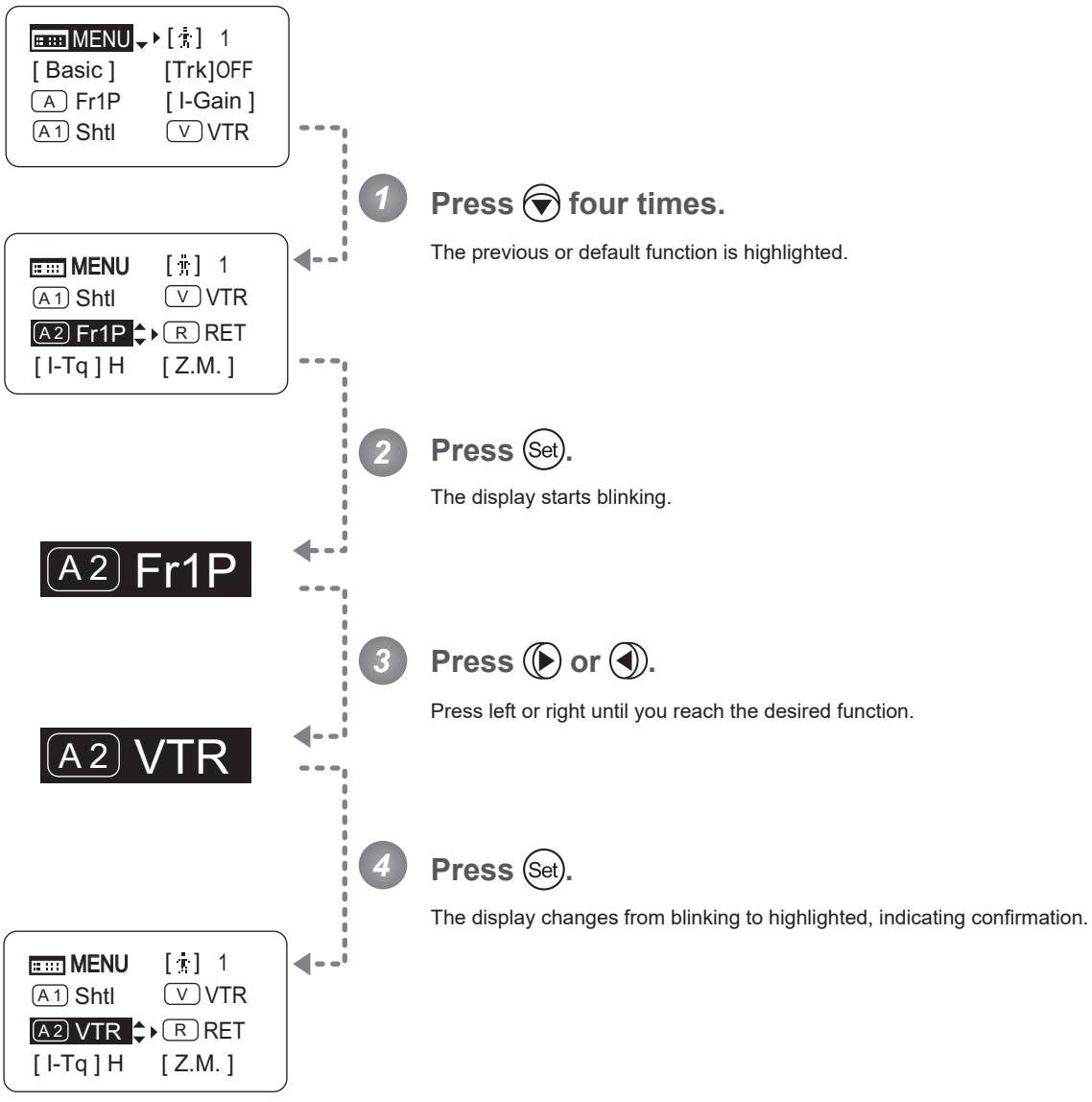
4.1.10 Assigning Functions to the AUX2 Switch A2

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



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

(D): Default value

MENU → ▼ × 4 → A2 Fr1P → Set → ▶ or ◀ → Set

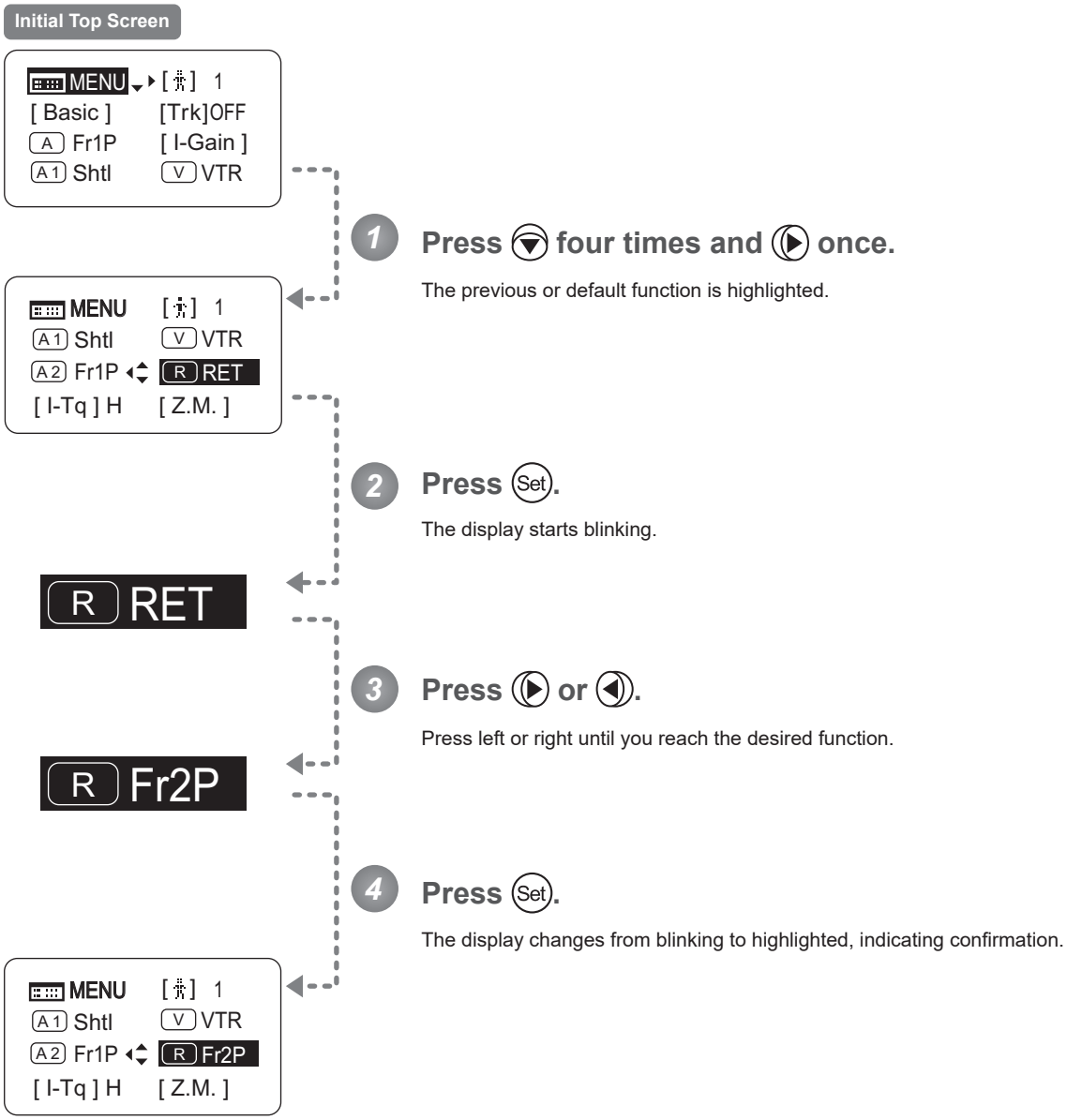
4.1.11 Assigning Functions to the RET Switch

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.”)



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

(D): Default value

MENU → ▼ × 4 → ▶ → R RET → Set → ▶ or ◀ → Set

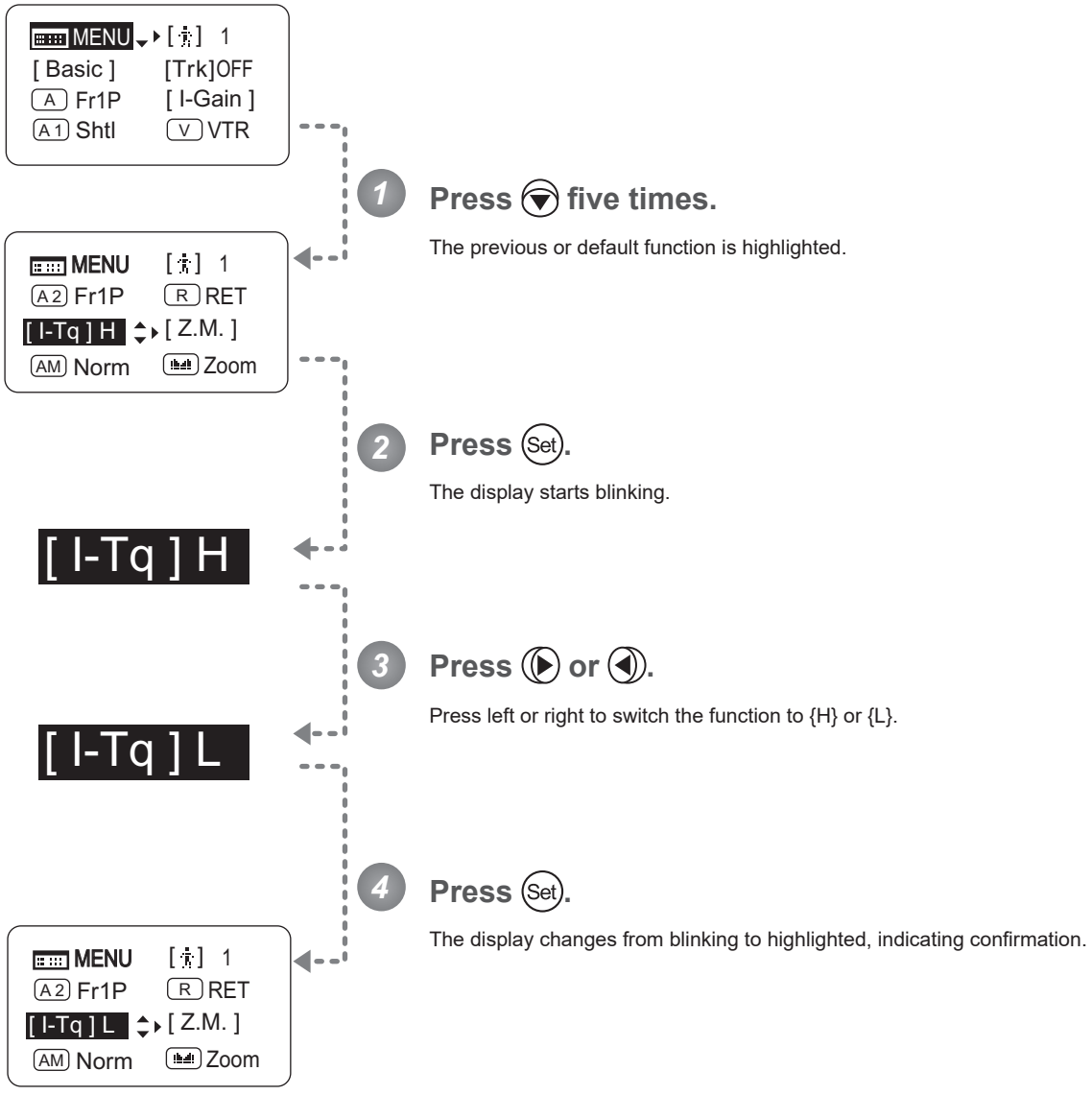
4.1.12 Specifying Iris Torque [I-Tq]

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



Options	(D) H	L
Description	High torque	Low torque

(D): Default value

MENU → × 5 → [I-Tq] H → Set → or → Set

4.1.13 Specifying Zoom Curve Mode [Z.M.]

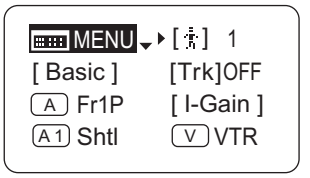
Specifying Seesaw Switch Responsiveness

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.)

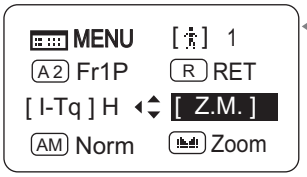
Important

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.”)

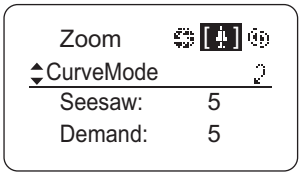
Initial Top Screen

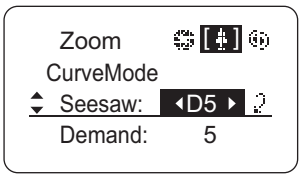


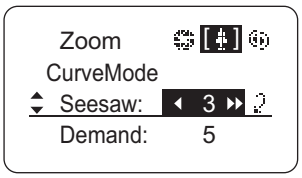
Screen A



CurveMode Screen







1 **Press ▼ five times and ▶ once.**

Your selection is now highlighted.

2 **Press Set.**

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

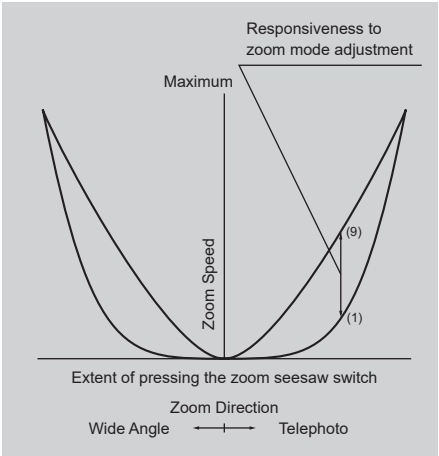
3 **Press ▼.**

[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 Set.**

The display reverts to **Screen A**.

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

(D): Default value

MENU → ▼ × 5 → ▶ → [Z.M.] → Set → ▼ → ▶ or ◀ → Set

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.”)

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
Seesaw: 5
Demand: 5

1 **Press ▼ five times and ▶ once.**

Your selection is now highlighted.

2 **Press Set.**

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

3 **Press ▼.**

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

Zoom [ ]
CurveMode
Seesaw: 5
Demand: ◂ D5 ▸

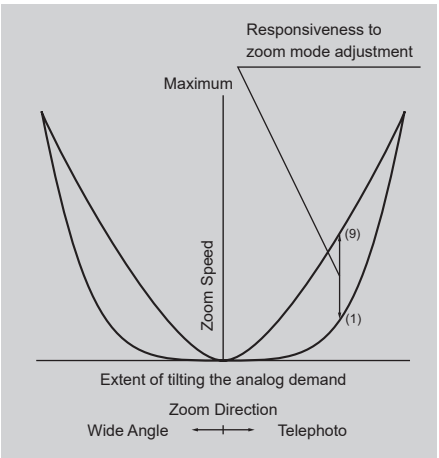
4 **Press ▶ or ◀.**

Press left or right until you reach the desired value.

Zoom [ ]
CurveMode
Seesaw: 5
Demand: ◂◂ 8 ▸

5 **Press Set.**

The display reverts to **Screen A**.



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

(D): Default value

MENU → ▼ × 5 → ▶ → [Z.M.] → Set → ▼ × 2 → ▶ or ◀ → Set

4.1.14 Specifying Iris A/M Switch

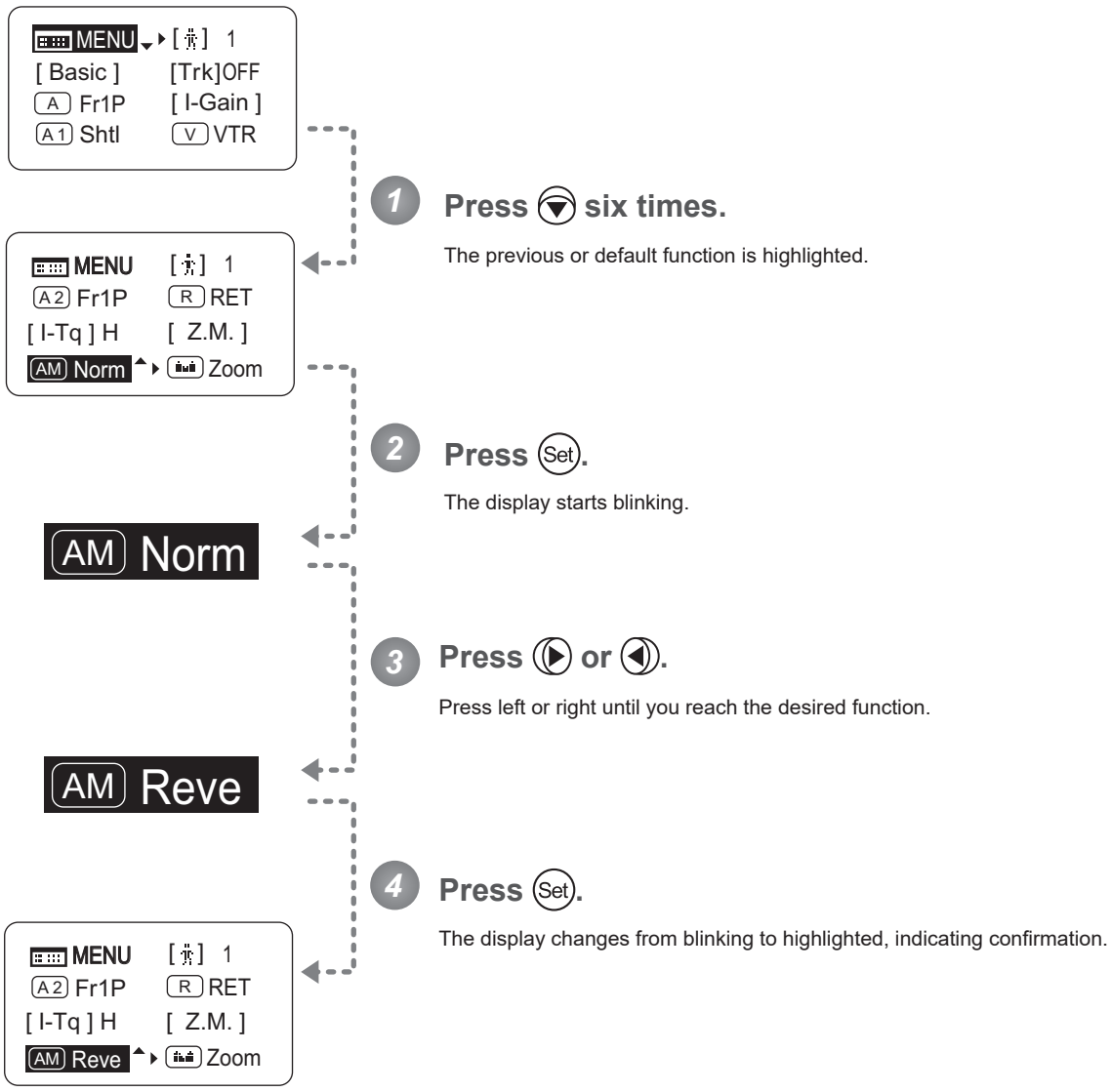
AM

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

Important

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

Initial Top Screen



1 **Press ▼ six times.**

The previous or default function is highlighted.

2 **Press Set.**

The display starts blinking.

3 **Press ▶ or ◀.**

Press left or right until you reach the desired function.

4 **Press Set.**

The display changes from blinking to highlighted, indicating confirmation.

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

(D): Default value

MENU → ▼ × 6 → AM Norm → Set → ▶ or ◀ → Set

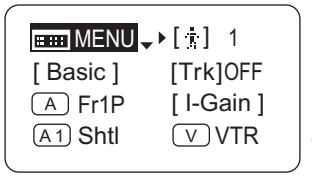
4.1.15 Assigning Functions to the Seesaw

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

Important

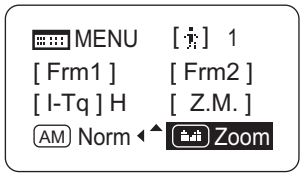
First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

Initial Top Screen



1 Press ▼ six times and ▶ once.

The previous or default function is highlighted.



2 Press Set.

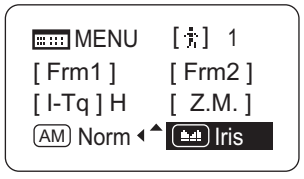
The display starts blinking.

3 Press ▶ or ◀.

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

4 Press Set.

The display changes from blinking to highlighted, indicating confirmation.



Note: Note on Iris Assignment

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

Options	(D) Zoom	Iris
Description	Zoom operation	Iris operation

(D): Default value

MENU → ▼ × 6 → ▶ → Zoom → Set → ▶ or ◀ → Set

4.1.16 Escape Operation

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

Note

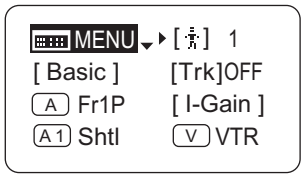
1. Not available when settings are locked.
2. The following settings remain the same even after jumping to user 0.
   Auto and remote iris gain values, encoder output setting, and camera follow voltage adjustments

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

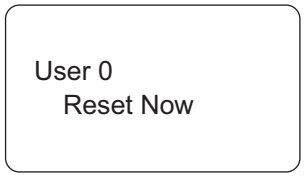
One of the following messages is displayed, depending on the current user before the operation.

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

Desired Screen

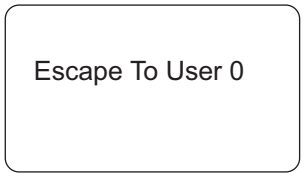


From User 0

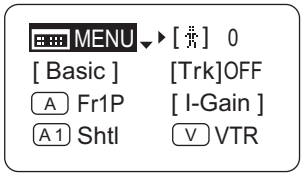


or

From Users 1–9



Initial Top Screen



2 **The Initial Top screen is displayed.**

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.

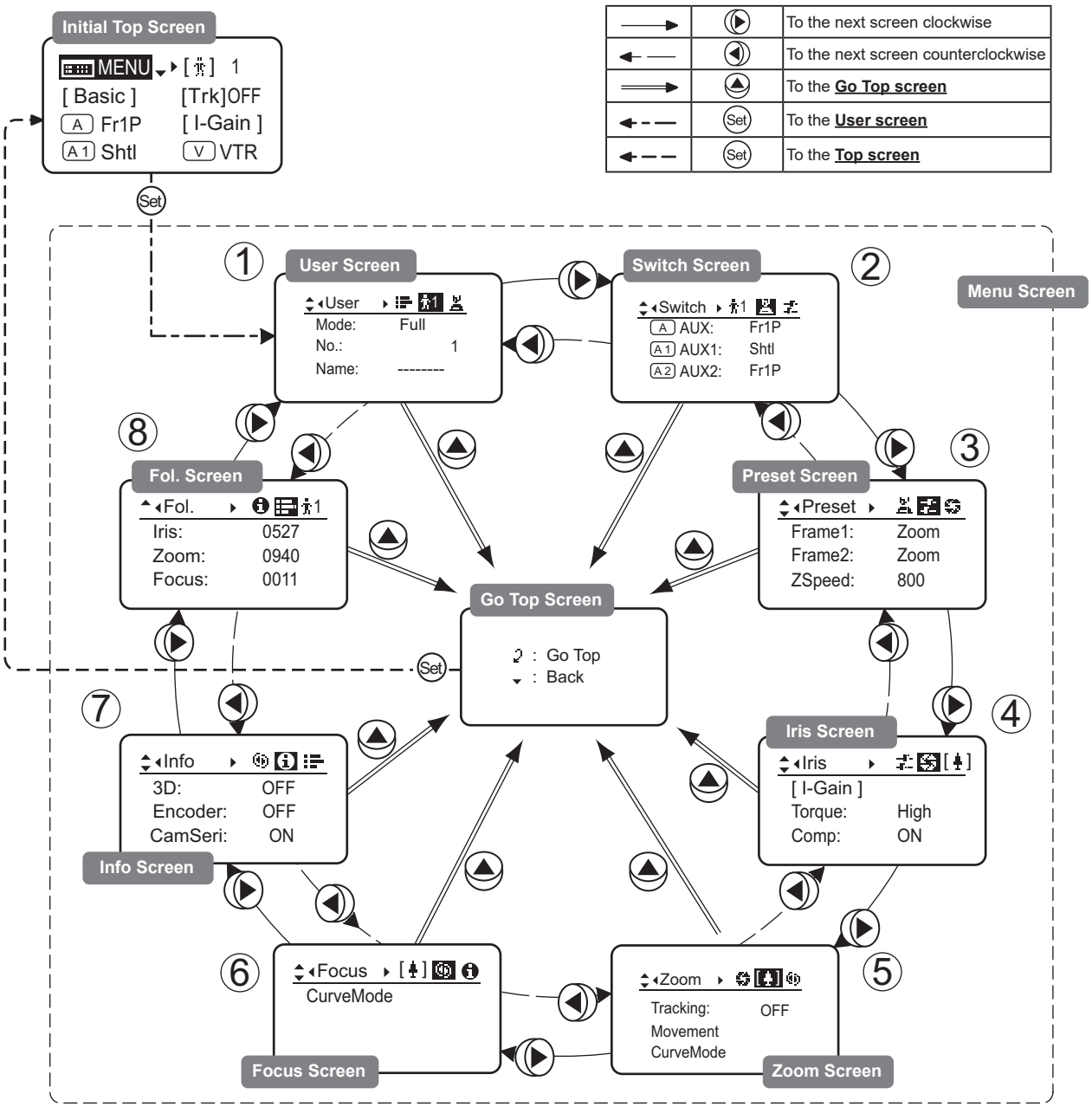
[(DISPLAY) and (Set)] 2 seconds

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**.



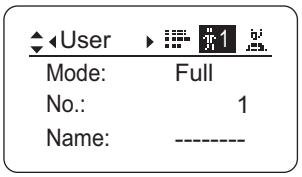
1	User Screen 4.2.1	5	Zoom Screen 4.2.5
2	Switch Screen 4.2.2	6	Focus Screen 4.2.6
3	Preset Screen 4.2.3	7	Info Screen 4.2.7
4	Iris Screen 4.2.4	8	Fol. Screen 4.2.8

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**.

User Screen in Full Mode



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

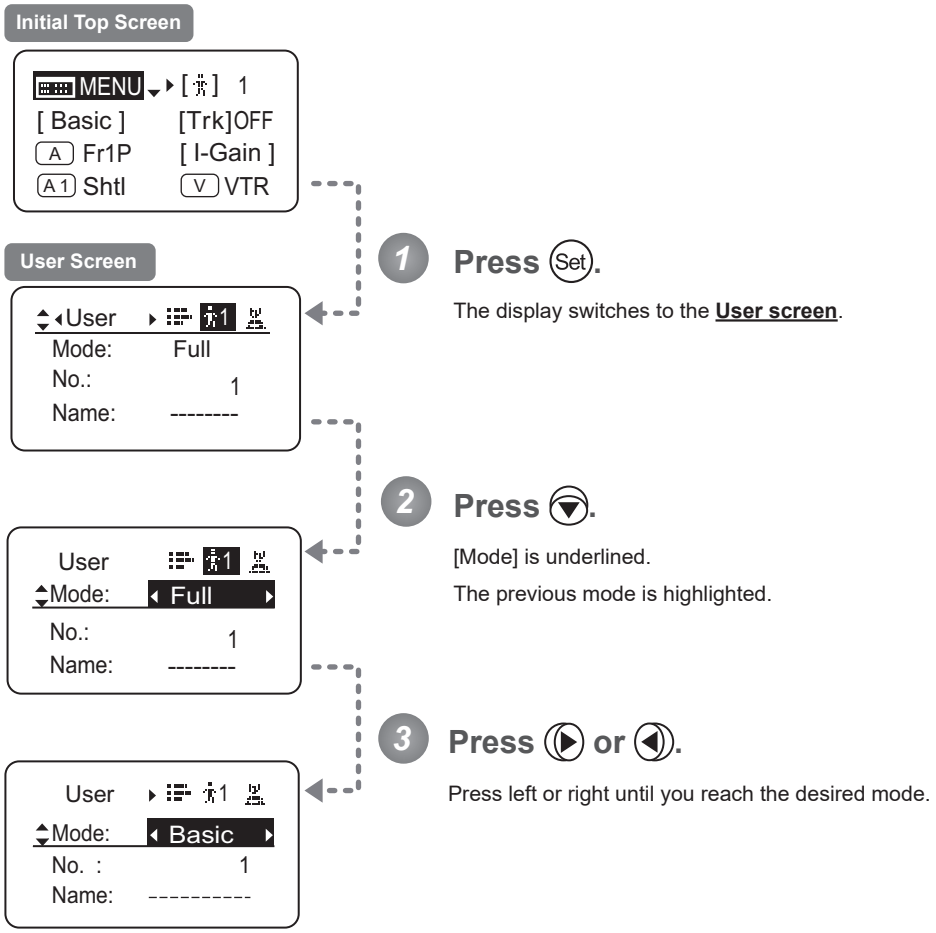
Items labeled Top can also be modified from the **Top screen**.

Switching Modes

Switch to Basic or Analog mode as needed.

Important

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



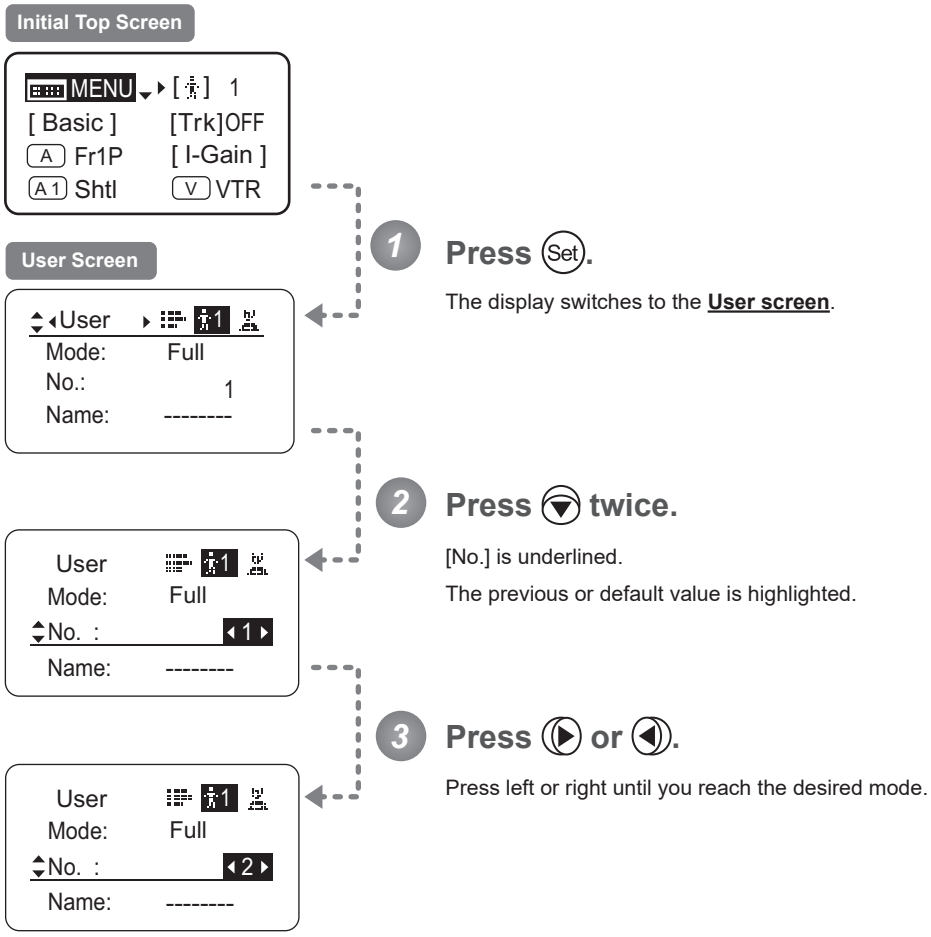
Options	(D) Basic	Full	Analog
Save Settings	Basic Mode	Full Mode	Analog Mode

(D): Default value

MENU → Set → ▶ → User → ▼ → ▶ or ◀

Switching Users Top

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



Options	0	(D) 1	2	3	4	5	6	7	8	9
Save Settings	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								

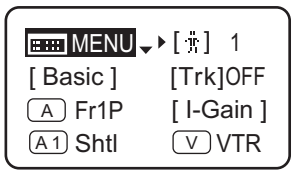
(D): Default value

MENU → Set → User 1 → × 2 → or

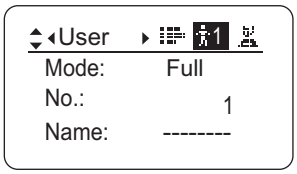
Naming Users

Users can be named, as needed.

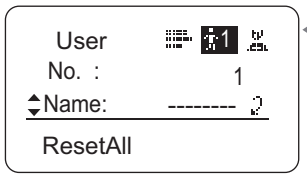
Initial Top Screen

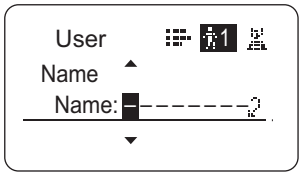


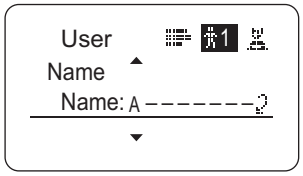
User Screen



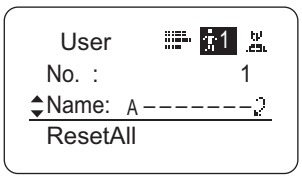
Title: Name







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 (Set).

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

2 Press (▼) three times.

[Name] is underlined.

3 Press (Set).

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

4 Enter the name.

Entering Name

Press up/down to find characters and left/right to move the cursor or make corrections.

5 Press the (Set) to confirm the name.

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

Options	_(D) – A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z 0 1 2 3 4 5 6 7 8 9
Max. Digits	8

(D) : Default value
_ : Space

MENU → (Set) → User → 1 → (▼) × 3 → (Set) → Entering Name → (Set)

Resetting Values

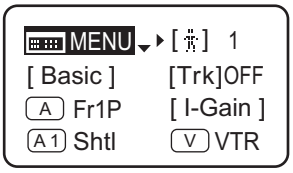
(1) Resetting One User's Settings

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

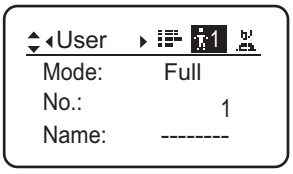
Important

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.")

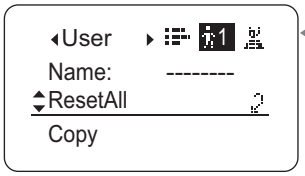
Initial Top Screen



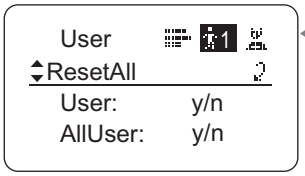
User Screen

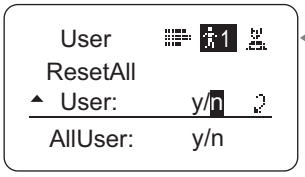


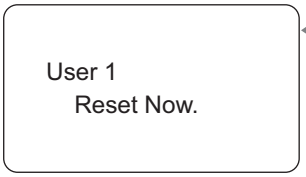
Title: Reset



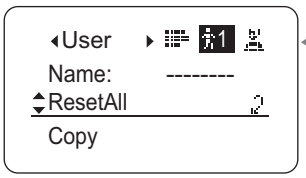
Reset Screen







Title: Reset



1 Press (Set).

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

2 Press ▼ four times.

[ResetAll] is underlined.

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

3 Press (Set).

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

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.

4 Press ▼.

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

5 Press ◀ and then (Set).

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

The settings have now been reset.

MENU → (Set) → User → ▼ × 4 → (Set) → ▼ → ◀ → (Set)

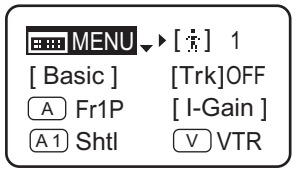
(2) Resetting All Users' Settings

Reset all users' settings to default values as needed.

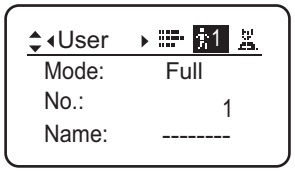
Note: There is no need to switch users.

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

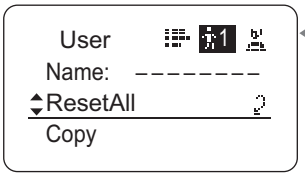
Initial Top Screen



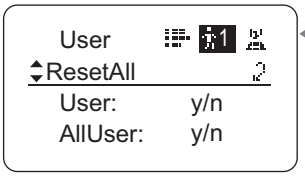
User Screen

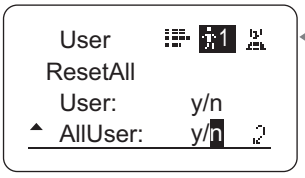


Title: Reset



Reset Screen





1 Press (Set).

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

2 Press ▼ four times.

[ResetAll] is underlined.

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.

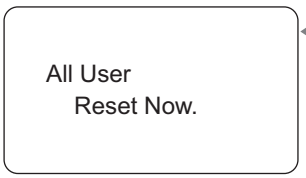
3 Press (Set).

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

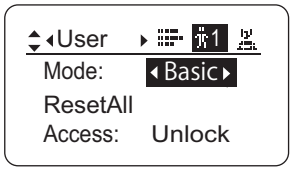
4 Press ▼ twice.

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

5 Press ◀ and then (Set).



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



MENU → (Set) → User → ▼ × 4 → (Set) → ▼ × 2 → ◀ → (Set)

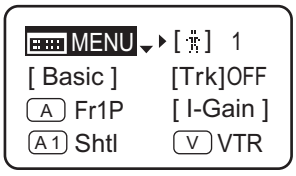
Copying Settings Between Individual Users

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

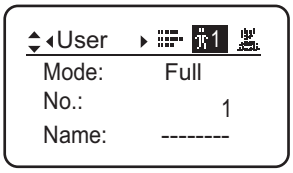
Important

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.”)

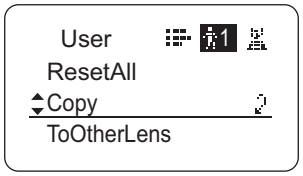
Initial Top Screen



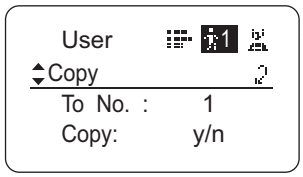
User Screen

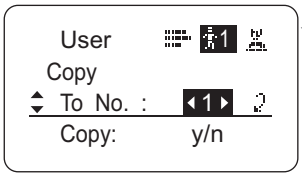


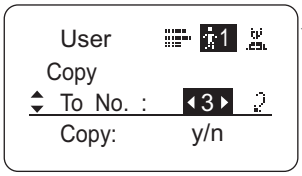
Screen A

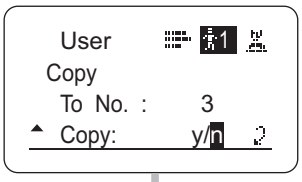


Copy Screen









1 Press (Set).

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

2 Press ▼ five times.

[Copy] is underlined.

3 Press (Set).

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

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.

4 Press ▼.

[To No.] is underlined.

5 Press ▶ or ◀.

Press left or right until you reach the user to copy settings to.

6 Press ▼.

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

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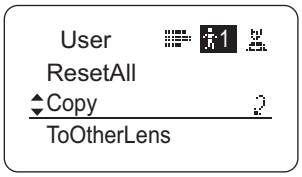
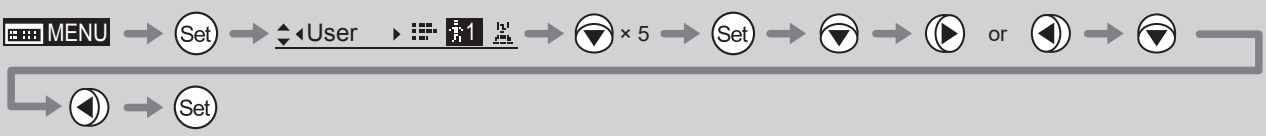
7 Press ◀ and then Set.

Screen A



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



Copying Settings Between Lenses

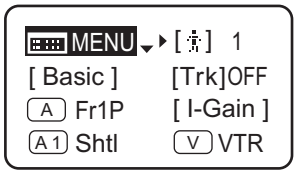
Setting information can be copied between information displays of drive units mounted on the display. You can copy either settings for individual users or for all users. Copying requires a dedicated cable, sold separately. For details, contact Canon or your dealer.

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

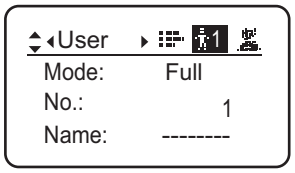
Note: Required Preparation

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



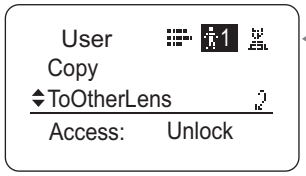
1 Press (Set).

The display switches to the **User 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.")

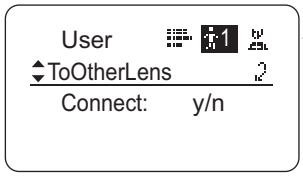
Screen A



2 Press (▼) six times.

[ToOtherLens] is underlined.

ToOtherLens Screen



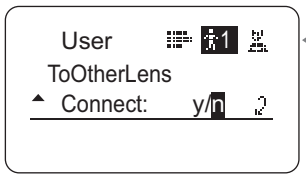
3 Press (Set).

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

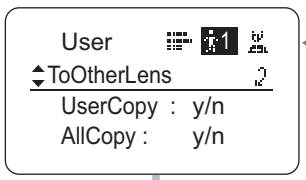
Note: You can cancel copying and restore the original values at any time before pressing (Set) in step 11. To return to the previous screen, press up. To cancel copying and turn off the display, press the Display switch.

4 Press (▼).

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



Screen B



5 Press (◀) and then (Set).

The display switches to **Screen B**.

6 Press (▼).

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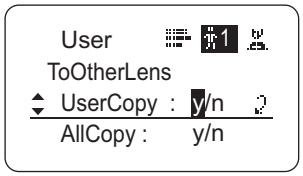
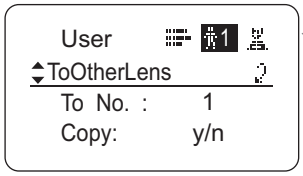
Copy Selection Screen



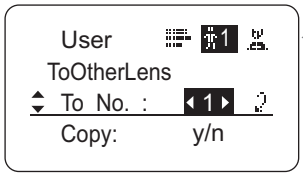
The display switches to the **Copy selection screen**.

Target User Selection Screen



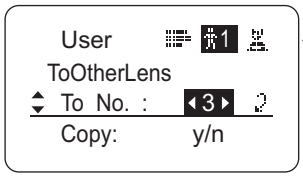
7 Press (Set).

The display switches to the **Target user selection screen**.



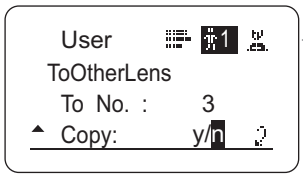
8 Press (▼).

[To No.] is underlined.



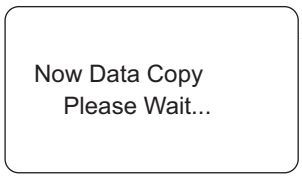
9 Press (▶) or (◀).

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



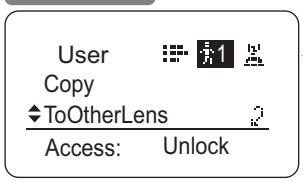
10 Press (▼).

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



11 Press (◀) and then (Set). *1

Screen A



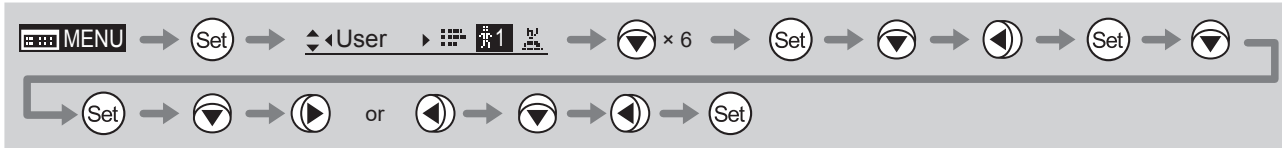
After a message is displayed indicating that copying is in progress, the display reverts to **Screen A**.

The settings have now been copied between lenses. *2

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

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

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



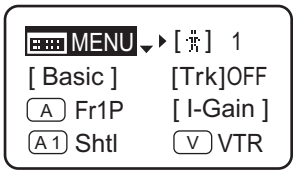
(2) Copying All Users' Settings to Another Lens

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

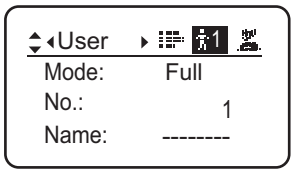
Note: Required Preparation

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

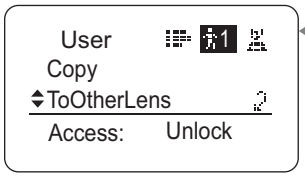
Initial Top Screen



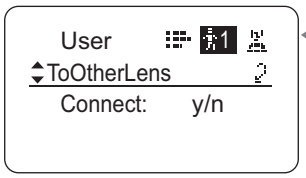
User Screen

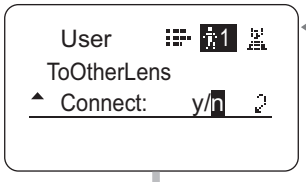


Screen A



ToOtherLens Screen





1 Press (Set).

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

2 Press ▼ six times.

[ToOtherLens] is underlined.

3 Press (Set).

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

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.

4 Press ▼.

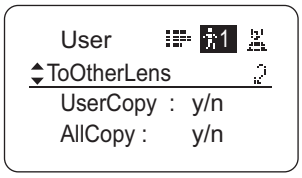
[Connect] is underlined, and you can select {y} (yes) or {n} (no).

5 Press ◀ and then (Set).

Continued on next page

Continued from previous page

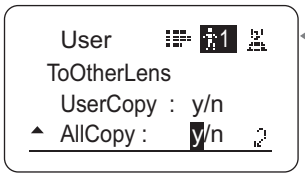
Screen B



The display switches to **Screen B**.

6 Press ▼ twice.

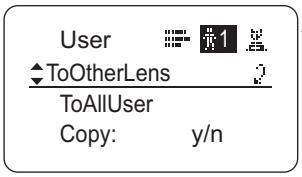
[AllCopy] is underlined, and you can select {y} (yes) or {n} (no).



7 Press Set.

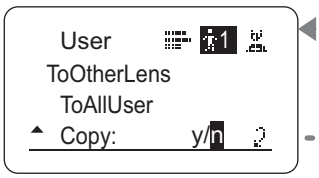
The display switches to the **AllCopy screen**.

AllCopy Screen

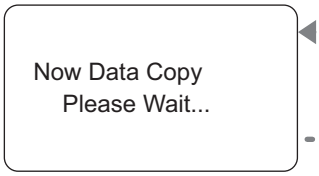


8 Press ▼.

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



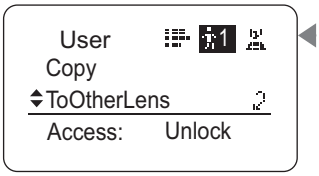
9 Press ◀ and then Set. [*1]



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

The settings have now been copied between lenses. [*2]

Screen A



*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."

MENU → Set → User → 1 → ▼ × 6 → Set → ▼ → ◀ → Set → ▼ × 2 → Set → ▼ → ◀ → Set

(3) Responding to Errors

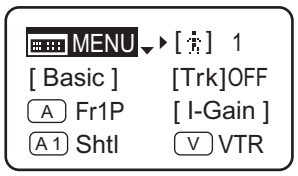
If copying between lenses fails, check the following.

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

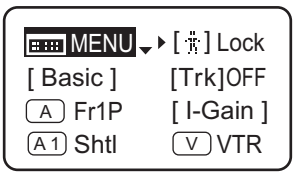
Lock Functions

To ensure that configured functions cannot easily be changed, you can lock the settings of certain functions. Once functions are locked, they are locked for all users.
For instructions on locking settings in Analog mode, see “5. Operation in Analog Mode.”

Unlocked



Locked

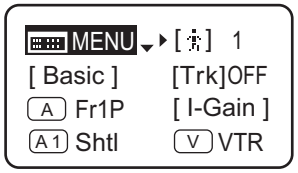


Note

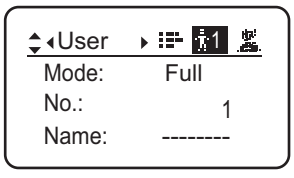
1. User numbers 0–9 in the user number field indicate users that are unlocked.
   “Lock” in the user number field indicate users that are locked.
2. In lock mode, only the following items can still be configured, and other settings are locked.
   - Preset data (Shuttle shot position, Frame preset position, Preset speed)
   - Zoom tracking position, on/off
   - Auto iris gain setting
   - Specifying encoder output
   - Camera follow voltage adjustments

(1) Locking Settings

Initial Top Screen



User Screen

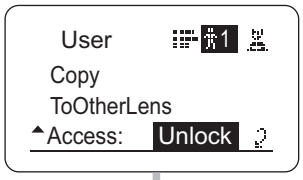


1 **Press (Set).**

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

2 **Press ▼ seven times.**

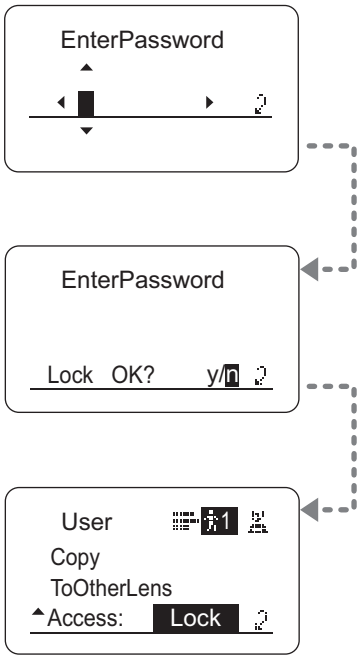
The previous or default value is highlighted.



3 **Press (Set).**

Continued on next page

Continued from previous page



4 Enter the password and press (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 (◀) and then (Set).

The settings are now locked.

Note

Passwords

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

Characters supported in passwords

Options	(D) _ – A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z 0 1 2 3 4 5 6 7 8 9
Max. Digits	8

(D) : Default value
_ : Space

Options	(D) Unlock	Lock

(D): Default value

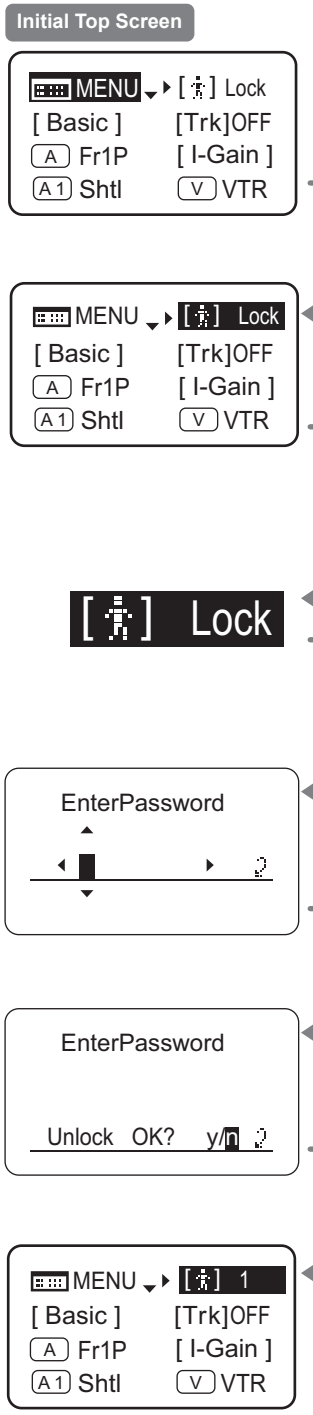
MENU → (Set) → (▼) × 7 → (Set) → Entering Passwords → (Set) → (◀) → (Set) → DISPLAY

(2) Unlocking Settings

Settings can be unlocked in two ways, as follows.

(Unlocking Setting 1)

Initial Top Screen



1 **Press ▶.**

2 **Press Set.**

The display starts blinking.

3 **Press ▶ or ◀.**

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

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

5 **Press ◀ and then Set.**

"Lock" changes to the user number.

(The previously locked user number is displayed.)

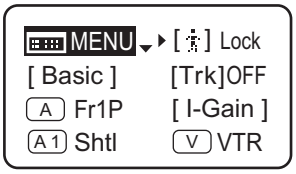
Options	(D) Unlock	Lock

(D): Default value

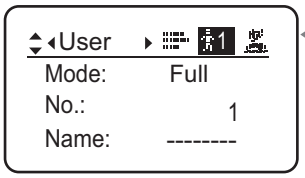
MENU → ▶ → [ ] Lock → ▶ or ◀ → Entering Passwords → Set → ◀ → Set

(Unlocking Setting 2)

Initial Top Screen



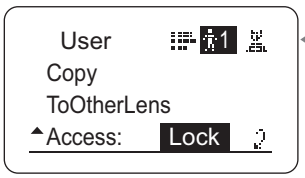
User Screen



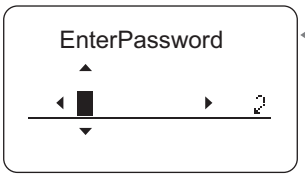
1 **Press (Set).**

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

2 **Press ▼ seven times.**



3 **Press (Set).**

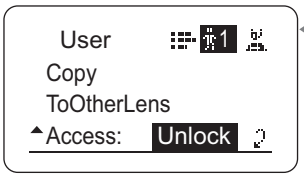


4 **Enter the password and press (Set).**

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

5 **Press ◀ and then (Set).**

The settings are now unlocked.



MENU → (Set) → ▼ × 7 → (Set) → Entering Passwords → (Set) → ◀ → (Set)

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

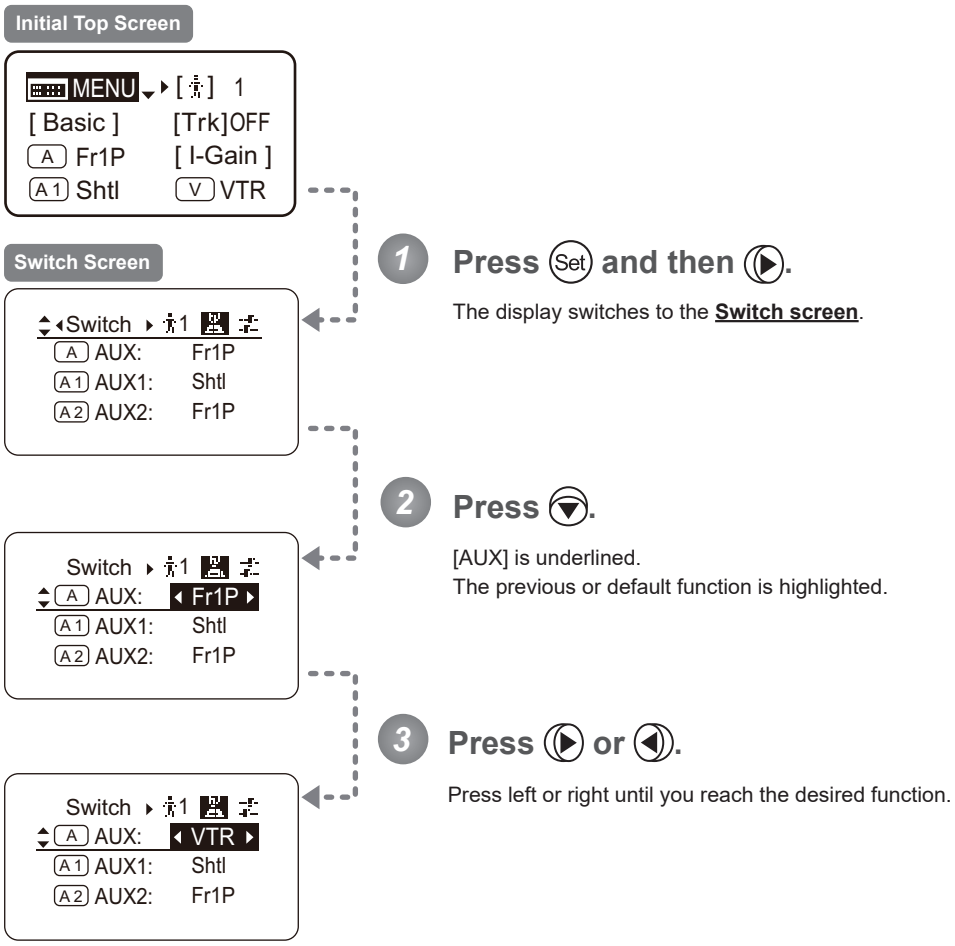
Items labeled Top can also be modified from the **Top screen**.

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.”)



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

(D): Default value

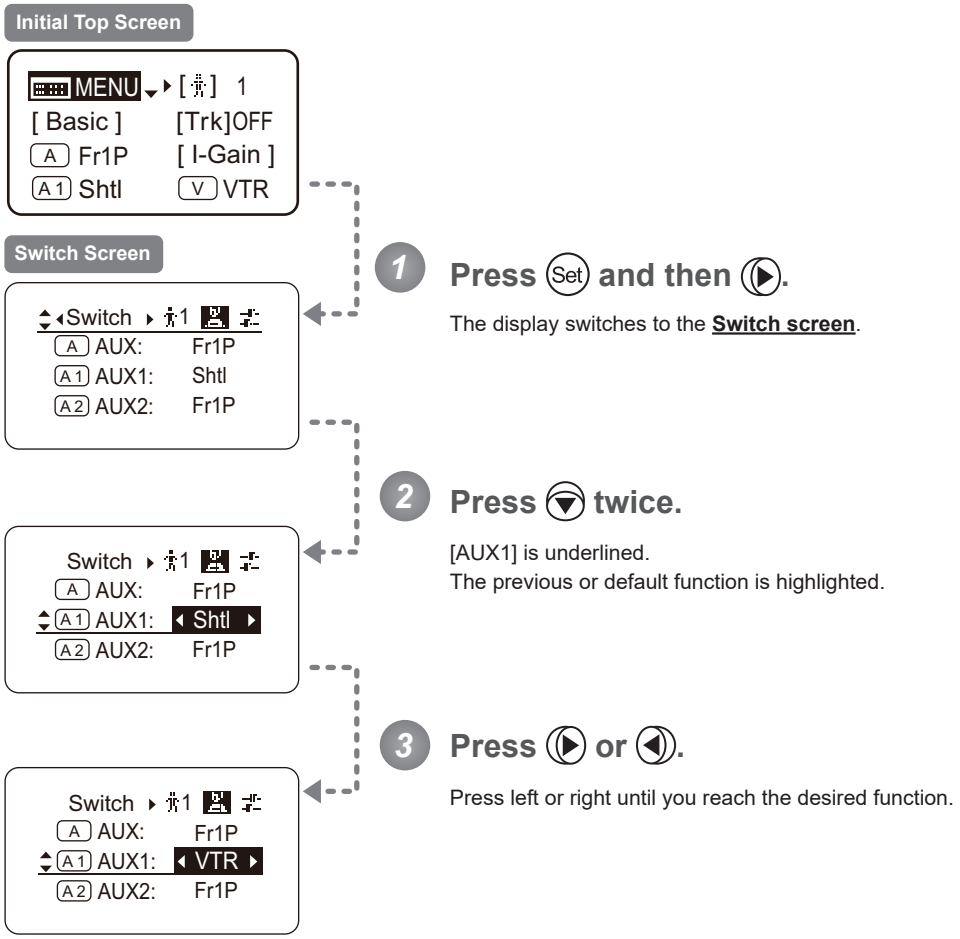
MENU → Set → ▶ → Switch 1 → ▼ → ▶ or ◀

Assigning Functions to the AUX1 Switch Top

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

Important

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



1 Press Set and then ▶.

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

2 Press ▼ twice.

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

3 Press ▶ or ◀.

Press left or right until you reach the desired function.

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

(D): Default value

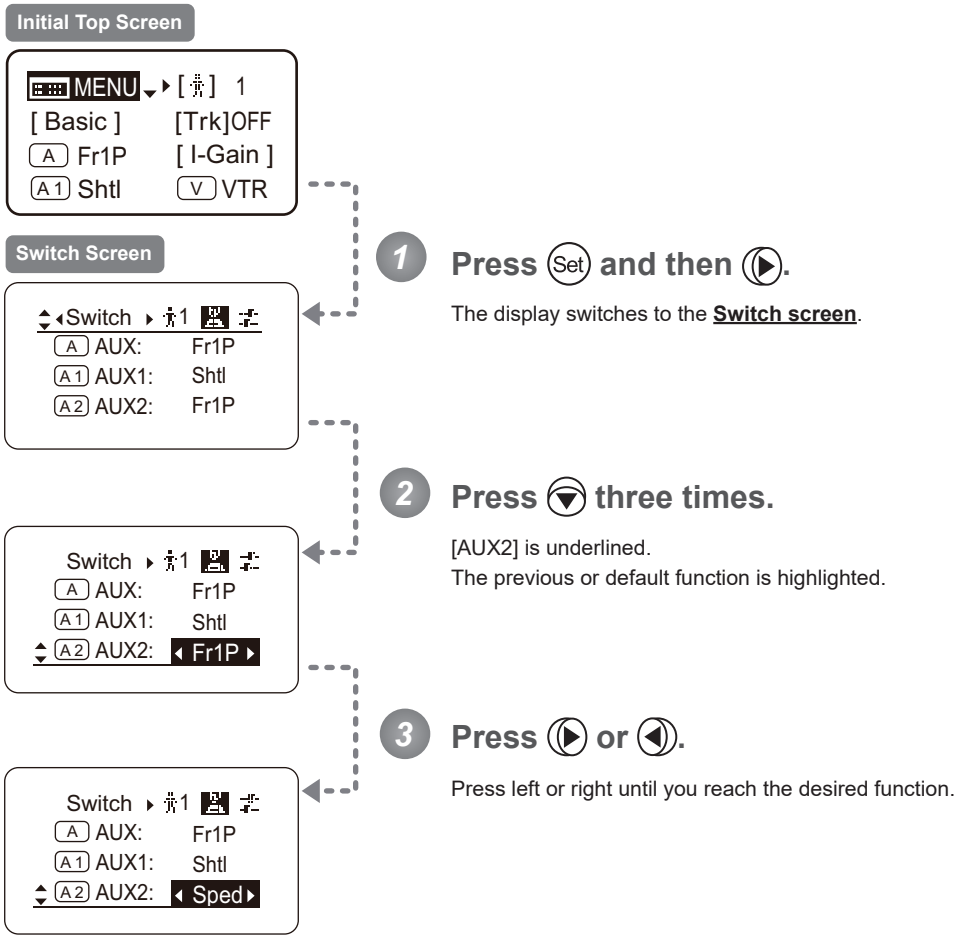
MENU → Set → ▶ → Switch 1 → ▼ × 2 → ▶ or ◀

Assigning Functions to the AUX2 Switch Top

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

Important

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



1 Press Set and then ▶.

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

2 Press ▼ three times.

[AUX2] is underlined.
The previous or default function is highlighted.

3 Press ▶ or ◀.

Press left or right until you reach the desired function.

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

(D): Default value

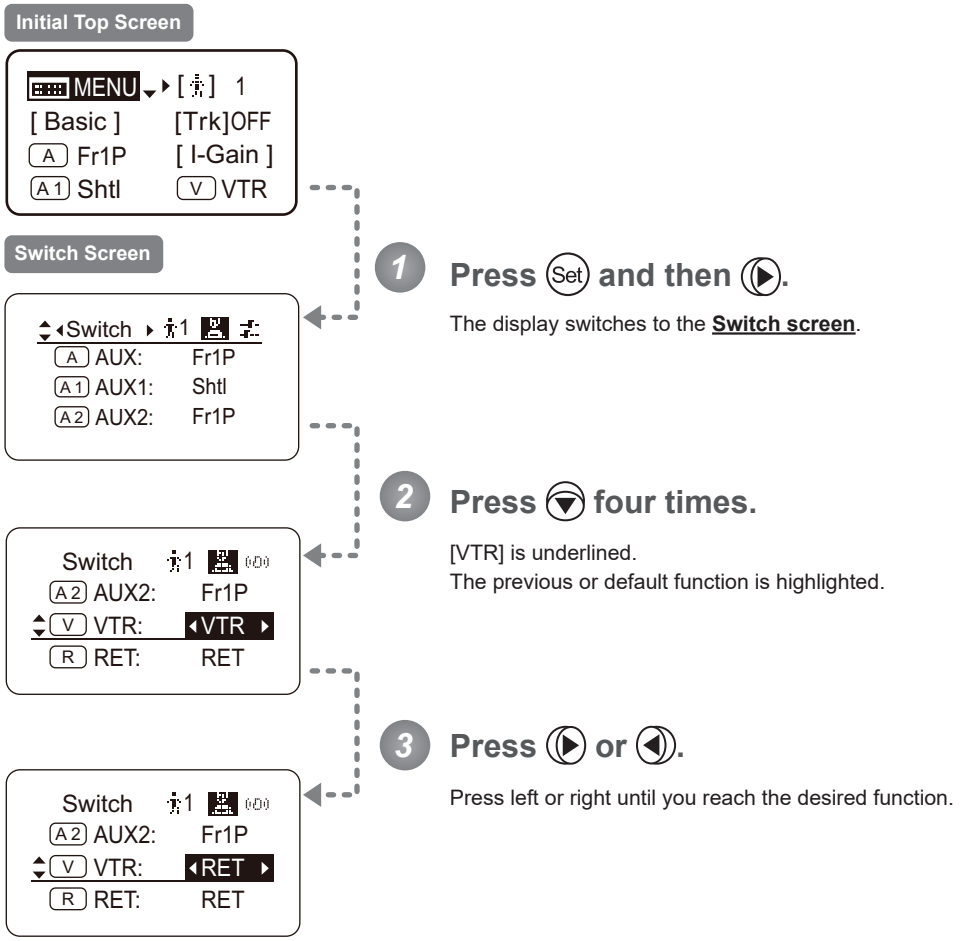
MENU → Set → ▶ → Switch 1 → ▼ × 3 → ▶ or ◀

Assigning Functions to the VTR Switch Top

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

Important

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



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	(D) VTR	RET
Description	Framing Preset1 switch (preset speed)	Framing Preset1 switch (max. speed)	Framing Preset2 switch (preset speed)	Framing Preset2 switch (max. speed)	Speed Preset switch	Shuttle-Shot switch	VTR switch	RET switch

(D): Default value

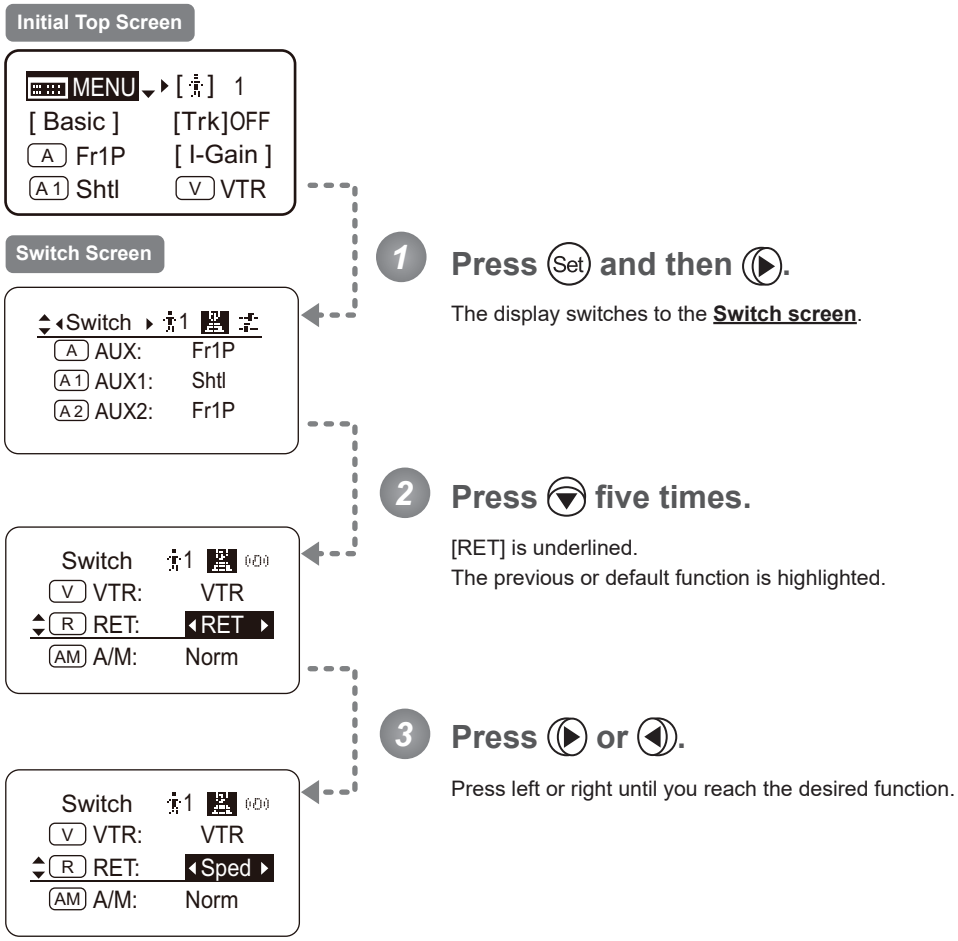
MENU → Set → ▶ → Switch 1 → ▼ × 4 → ▶ or ◀

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.”)



1 **Press Set and then ▶.**

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

2 **Press ▼ five times.**

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

3 **Press ▶ or ◀.**

Press left or right until you reach the desired function.

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

(D): Default value

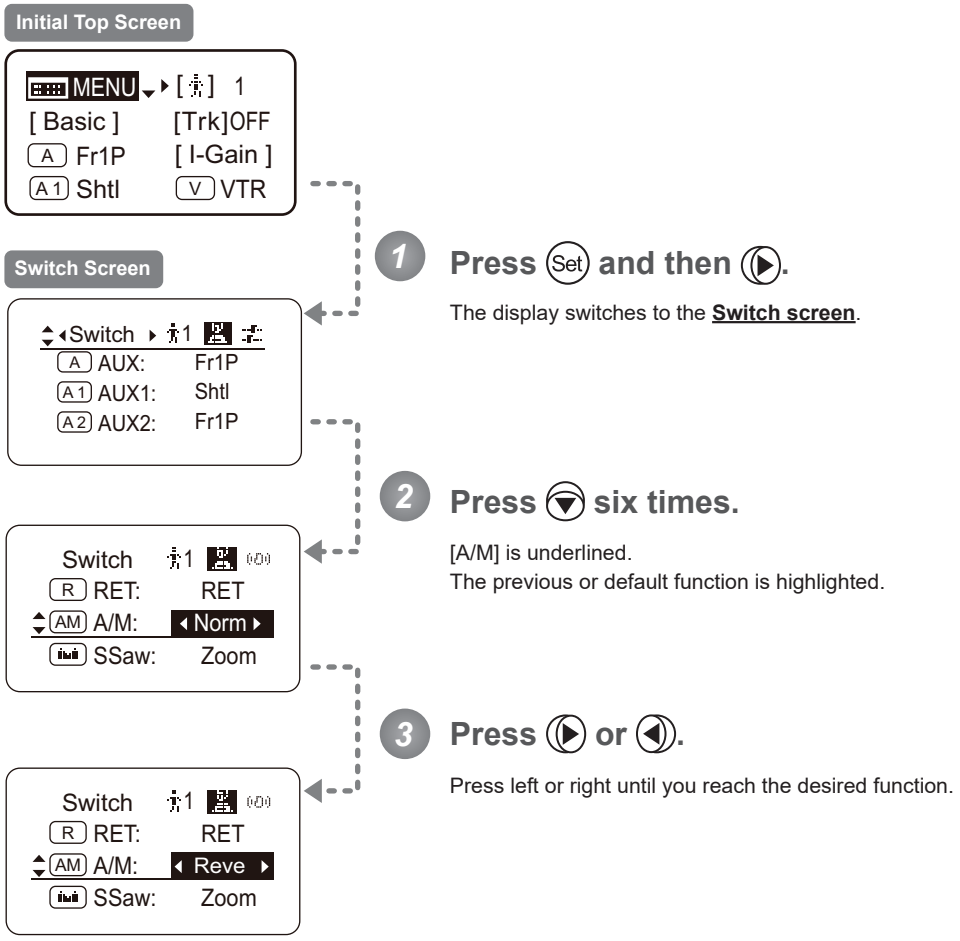
MENU → Set → ▶ → Switch 1 → ▼ × 5 → ▶ or ◀

Specifying Iris A/M Switch Top

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

Important

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



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

(D): Default value

MENU → Set → ▶ → Switch 1 → ▼ × 6 → ▶ or ◀

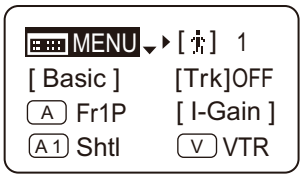
Assigning Functions to the Seesaw Top

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

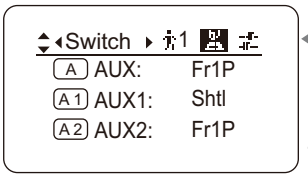
Important

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

Initial Top Screen

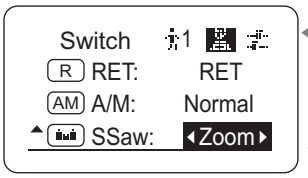


Switch Screen



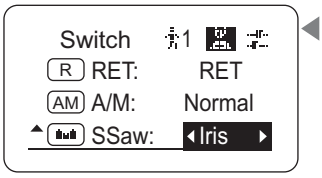
1 Press Set and then ▶.

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



2 Press ▼ seven times.

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



3 Press ▶ or ◀.

Press left or right until you reach the desired function.

Note: Note on Iris Assignment

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

Options	(D) Zoom	Iris
Description	Zoom operation	Iris operation

(D): Default value

MENU → Set → ▶ → Switch 1 → ▼ × 7 → ▶ or ◀

4.2.3 Preset Screen Settings

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

Switching What Frame Preset 1 Controls

Switching What Frame Preset 2 Controls

Specifying the Preset Mode Zoom Speed

Specifying Zoom Start Responsiveness for Presets

Specifying Zoom Stop Responsiveness for Presets

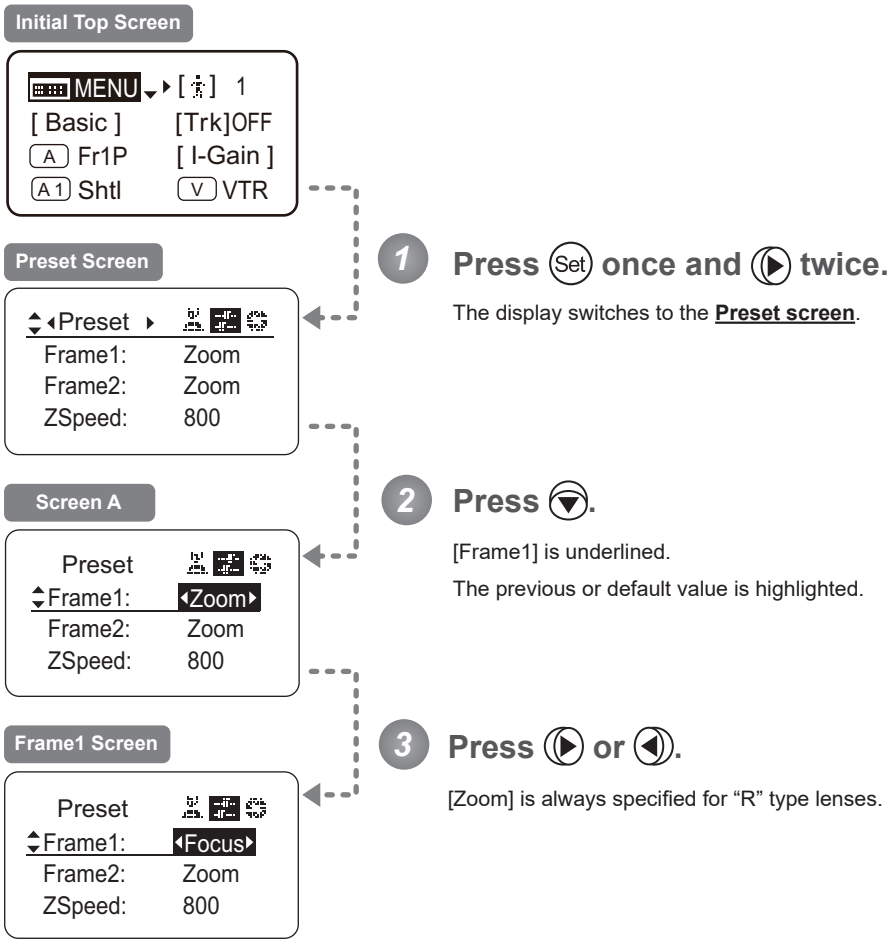
Switching What Frame Preset 1 Controls

Switch what frame preset 1 controls, as needed.

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

Important

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



1 Press Set once and ▶ twice.

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

2 Press ▼.

[Frame1] is underlined.

The previous or default value is highlighted.

3 Press ▶ or ◀.

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

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

(D): Default value

MENU → Set → ▶ × 2 → Preset → ▼ → ▶ or ◀

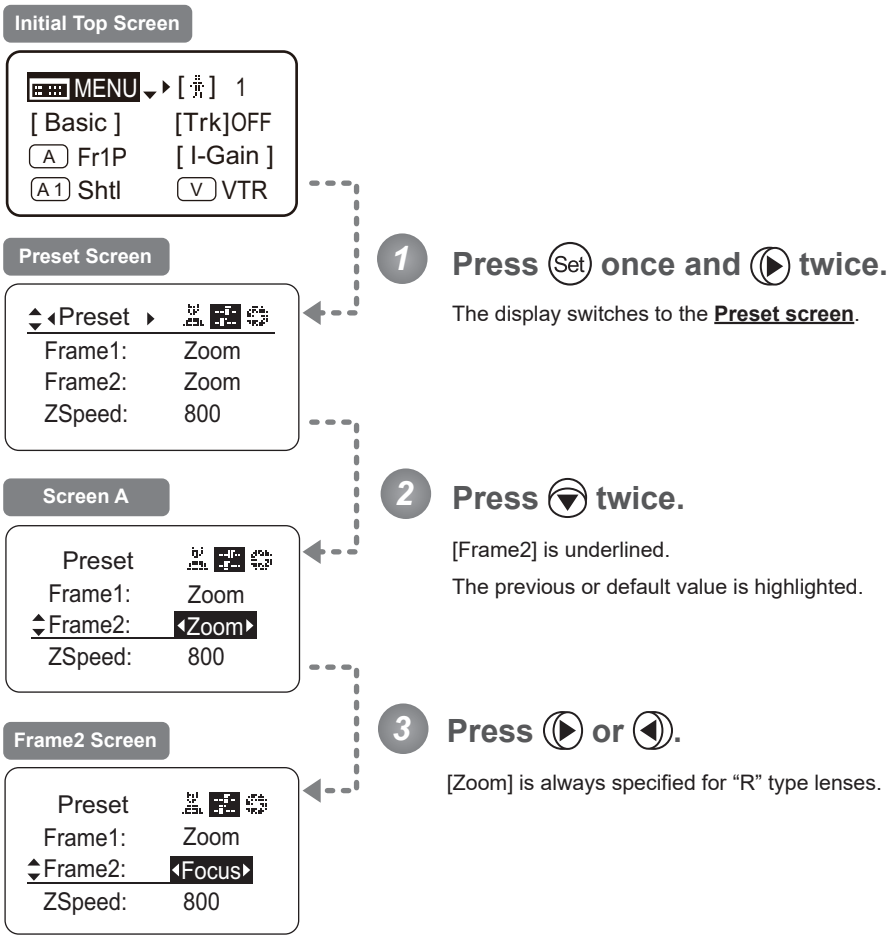
Switching What Frame Preset 2 Controls

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.”)



1 Press Set once and ▶ twice.

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

2 Press ▼ twice.

[Frame2] is underlined.

The previous or default value is highlighted.

3 Press ▶ or ◀.

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

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

(D): Default value

MENU → Set → ▶ × 2 → Preset → ▼ × 2 → ▶ or ◀

Specifying the Preset Mode Zoom Speed

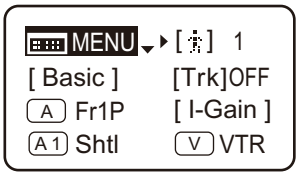
Configure the zoom speed from any position to the position in memory, as needed.
To adjust the value, use either the Memo button (refer to the operation manual “Lens”) or display operations.
Regardless of the method of adjustment used, the most recent setting takes precedence.

Important

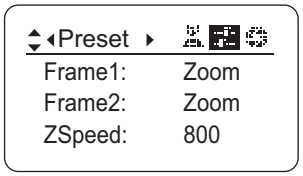
First, switch to the user for whom the settings apply.
(For instructions, see “4.1.3 Switching Users” or “4.2.1 User Screen Settings: Switching Users.”)

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

Initial Top Screen



Preset Screen

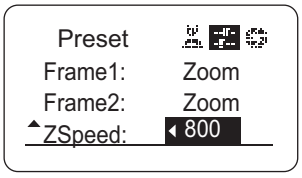


1 Press Set once and ▶ twice.

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

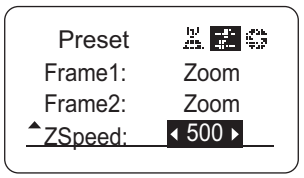
2 Press ▼ three times.

[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	(D) 800
Description	Slowest		Fastest

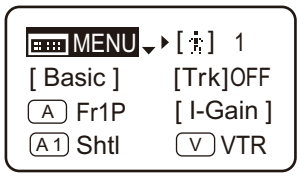
(D): Default value

MENU → Set → ▶ × 2 → Preset → ▼ × 3 → ▶ or ◀

Specifying Zoom Start Responsiveness for Presets

Specify initial responsiveness in zooming for preset operations.

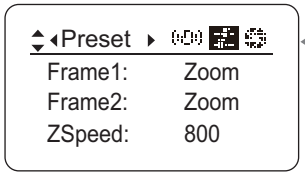
Initial Top Screen



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.”)

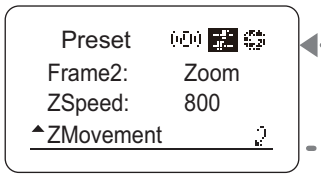
Preset Screen



1 **Press (Set) once and (▶) twice.**

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

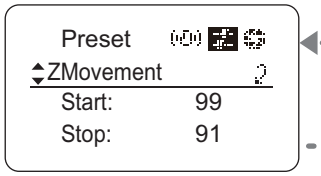
Screen A



2 **Press (▼) four times.**

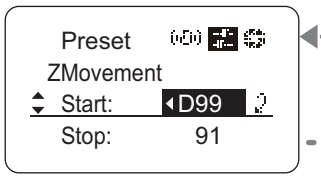
[ZMovement] is underlined.

ZMovement Screen



3 **Press (Set).**

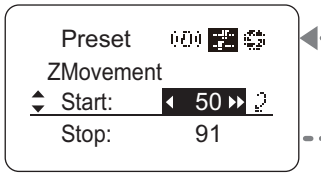
The display switches to the **ZMovement screen**.



4 **Press (▼).**

[Start] is underlined.

The previous or default value is highlighted.



5 **Press (▶) or (◀).**

Press left or right until you reach the desired value.

6 **Press (Set).**

The display reverts to **Screen A**.

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

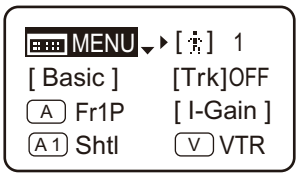
(D): Default value

MENU → (Set) → (▶) × 2 → Preset ▸ → (▼) × 4 → (Set) → (▼) → (▶) or (◀) → (Set)

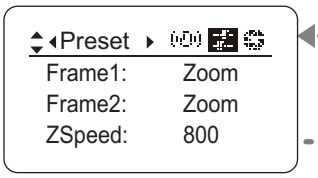
Specifying Zoom Stop Responsiveness for Presets

Specify final responsiveness in zooming for preset operations.

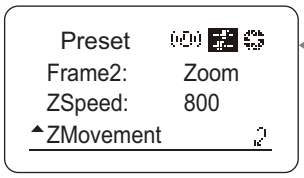
Initial Top Screen



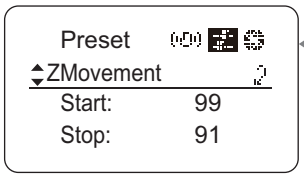
Preset Screen

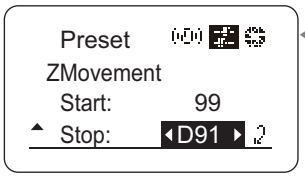


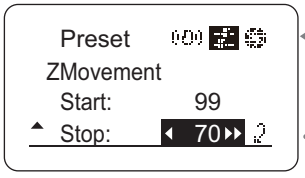
Screen A



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 (▶) twice.

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

2 Press (▼) four times.

[ZMovement] is underlined.

3 Press (Set).

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

4 Press (▼) twice.

[Stop] is underlined.

The previous or default value is highlighted.

5 Press (▶) or (◀).

Press left or right until you reach the desired value.

6 Press (Set).

The display reverts to **Screen A**.

Options	00	to	99
Description	Stop gradually		Stop quickly

Default value: 91

MENU → (Set) → (▶) × 2 → Preset ▸ → (▼) × 4 → (Set) → (▼) × 2 → (▶) or (◀) → (Set)

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

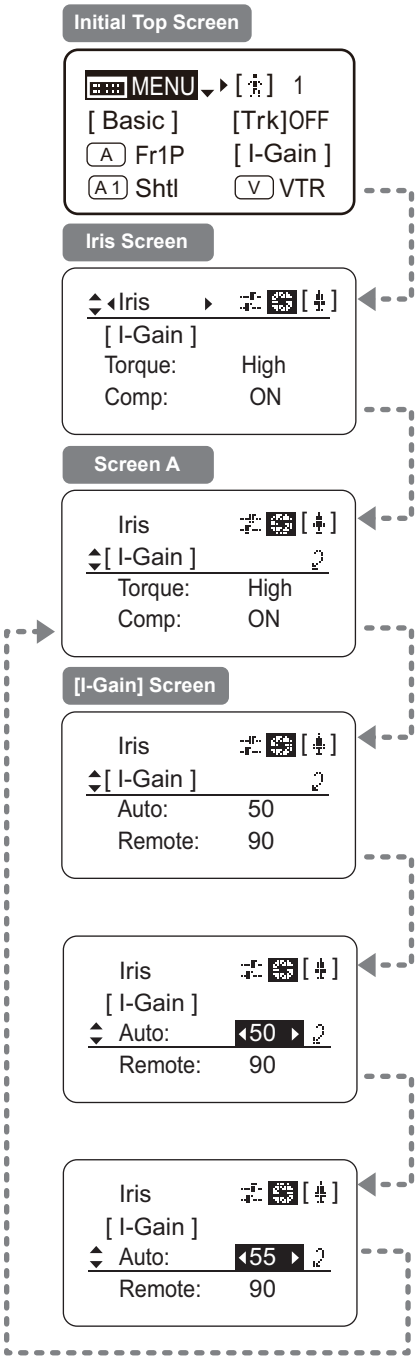
Items labeled Top can also be modified from the **Top screen**.

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 operation manual “Lens”) 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.



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.

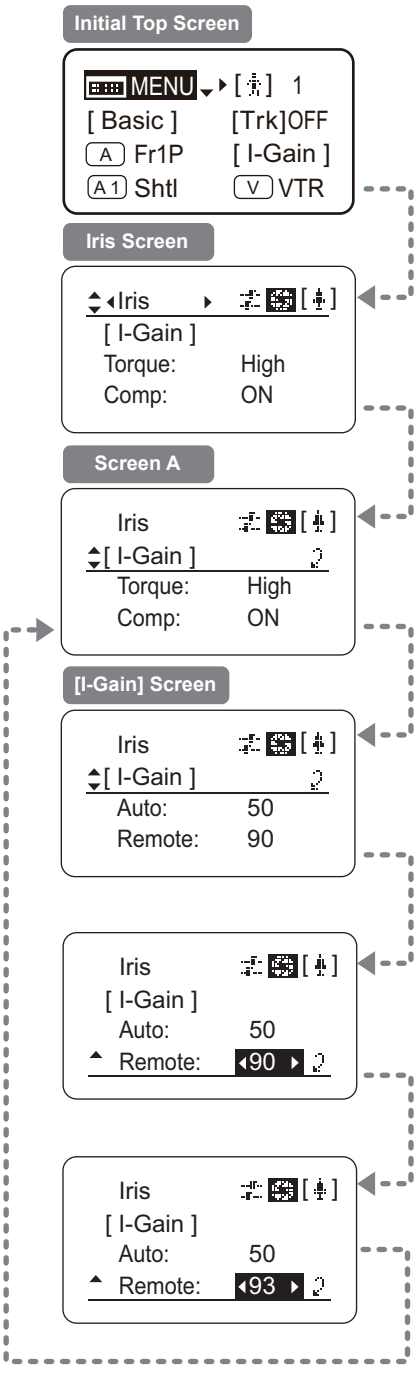
Options	01	to	99
Description	Minimum gain		Maximum gain

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

MENU → (Set) → (▶) × 3 → Iris [ ] → (▼) → (Set) → (▼) → (▶) or (◀) → (Set)

(2) Specifying Remote Iris Gain Top

Although this value is factory-set, it can be adjusted as needed.
The same remote iris gain value applies to all users, regardless of the current user. Thus, there is no need to switch users in advance. Unlike most other setting adjustments, any changes to this setting also apply to user 0.



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

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

→ Set the camera iris mode to [Remote].

1 Press Set once and ▶ three times.

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

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.

2 Press ▼.

[I-Gain] is underlined.

3 Press Set.

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

4 Press ▼ twice.

[Remote] is underlined.

The previous or default value is highlighted.

5 Press ▶ or ◀.

Press left or right until you reach the desired function.

6 Press Set.

The display reverts to **Screen A**.

Options	01	to	99
Description	Minimum gain		Maximum gain

Default value: 90

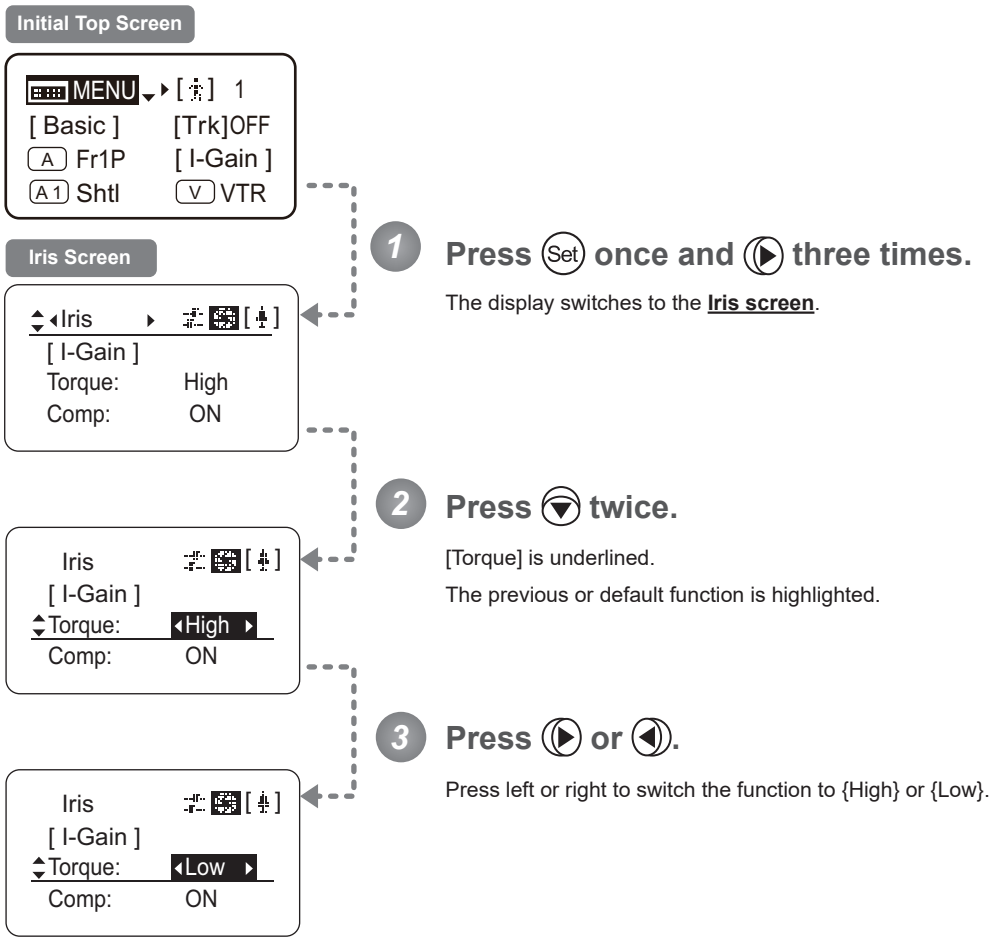
MENU → Set → ▶ × 3 → Iris [ ] → ▼ → Set → ▼ × 2 → ▶ or ◀ → Set

Specifying Iris Torque Top

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

Important

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



Options	(D) High	Low
Description	High torque	Low torque

(D): Default value

MENU → Set → ▶ × 3 → Iris [ ] → ▼ × 2 → ▶ or ◀

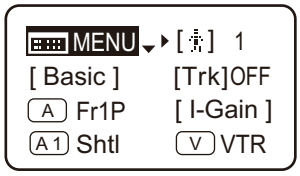
Iris Compensation ON/OFF

The amount of light decreases when an extender (2.0×) is used. Therefore, you can set a function that corrects the iris to the open side so as to maintain the amount of light.

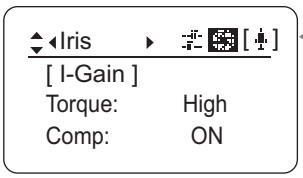
Important

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



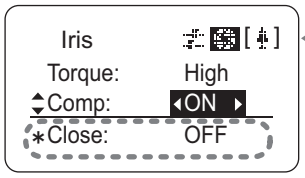
1 Press Set once and ▶ three times.

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

2 Press ▼ three times.

[Comp] is underlined.

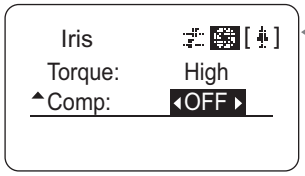
The previous or default function is highlighted.



*: 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	(D) ON	OFF
Description	Iris compensation	No iris compensation

(D): Default value

MENU → Set → ▶ × 3 → Iris [ ] → ▼ × 3 → ▶ or ◀

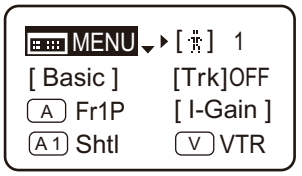
Iris Close Detection ON/OFF

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

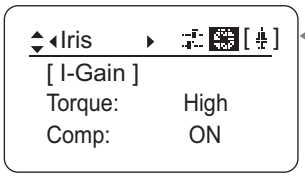
Important

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

Initial Top Screen



Iris Screen



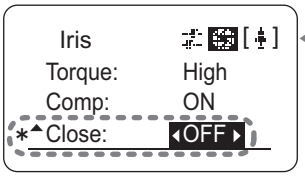
1 Press Set once and ▶ three times.

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

2 Press ▼ four times.

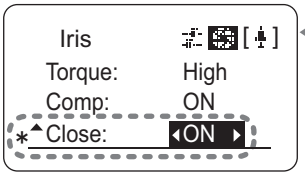
[Close] is underlined.

The previous or default function is highlighted.



3 Press ▶ or ◀.

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



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

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

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

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

(D): Default value

MENU → Set → ▶ × 3 → Iris → [ ] → ▼ × 4 → ▶ or ◀

4.2.5 Zoom Screen Settings

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

Zoom Tracking ON/OFF Top

Specifying Zoom Servo Start Responsiveness

Specifying Zoom Servo Stop Responsiveness

Specifying Zoom Mechanical End Stop Responsiveness

Specifying Seesaw Switch Responsiveness Top

Specifying Analog Demand Responsiveness Top

Specifying Maximum Zoom Speed Control

Specifying Minimum Zoom Speed Control

Specifying Servo Type from Zoom Demand

Demand-Based Zoom Speed Adjustment ON/OFF

Specifying Zoom Demand Specifications

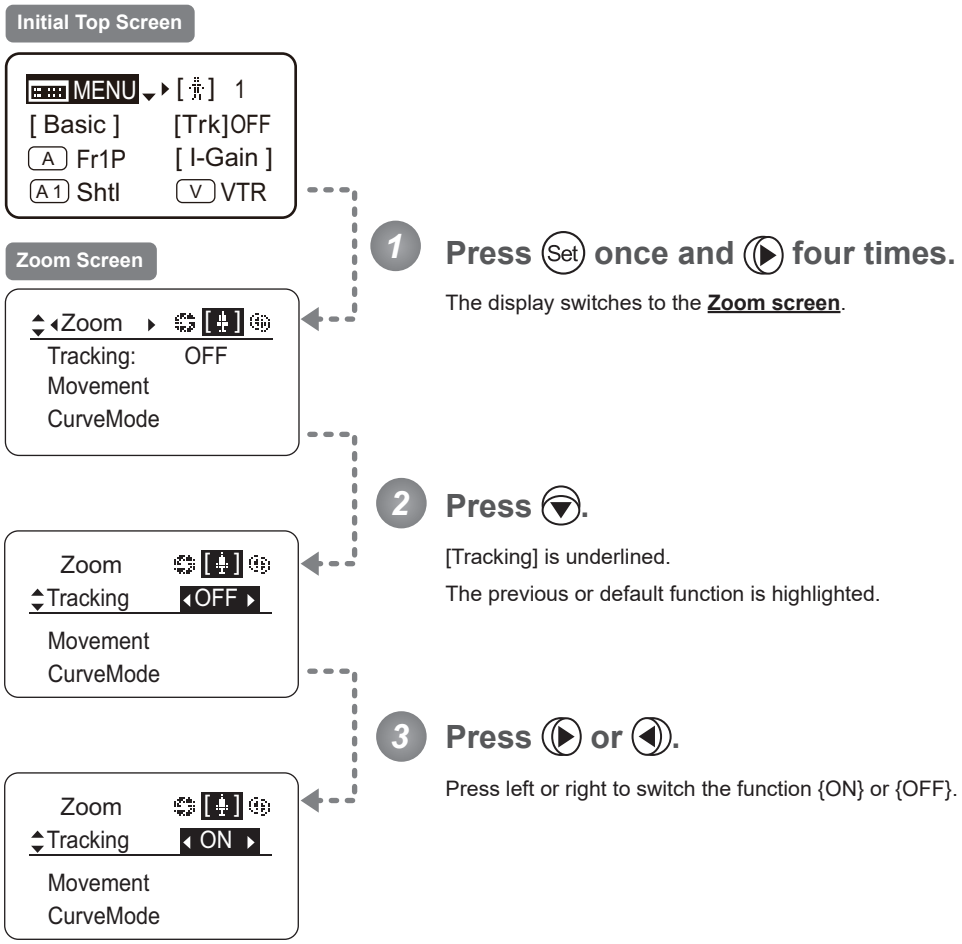
Items labeled Top can also be modified from the **Top screen**.

Zoom Tracking ON/OFF Top

Activate or deactivate zoom tracking as needed.

Important

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



1 Press Set once and ▶ four times.

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

2 Press ▼.

[Tracking] is underlined.

The previous or default function is highlighted.

3 Press ▶ or ◀.

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

Options	(D) OFF	ON
Description	Zoom tracking disabled	Zoom tracking enabled

(D): Default value

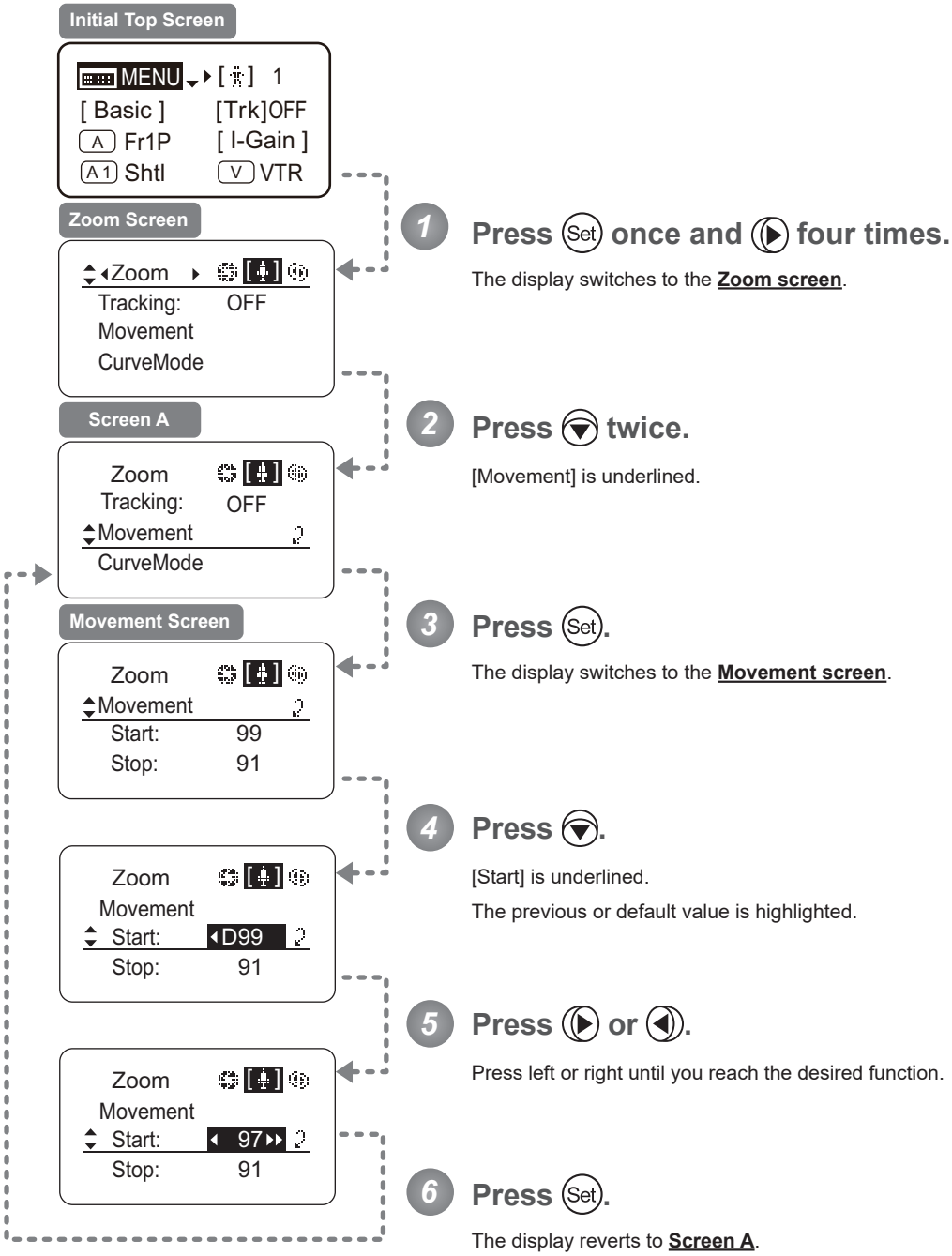
MENU → Set → ▶ × 4 → Zoom ▸ → ▼ → ▶ or ◀

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.”)



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

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

2 **Press ▼ twice.**

[Movement] is underlined.

3 **Press Set.**

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

4 **Press ▼.**

[Start] is underlined.

The previous or default value is highlighted.

5 **Press ▶ or ◀.**

Press left or right until you reach the desired function.

6 **Press Set.**

The display reverts to **Screen A**.

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

(D): Default value

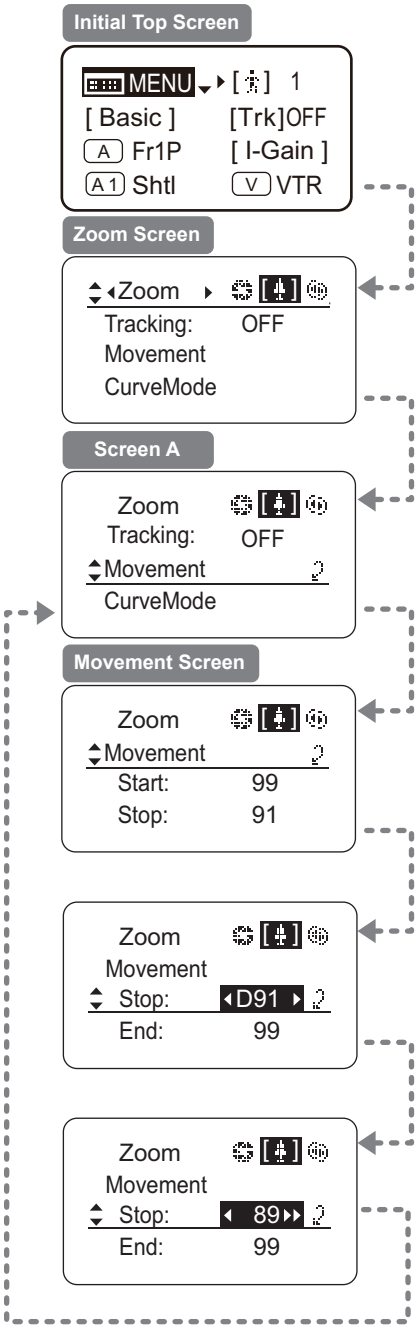
MENU → Set → ▶ × 4 → Zoom [ ] → ▼ × 2 → Set → ▼ → ▶ or ◀ → Set

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.”)



1 Press Set once and ▶ four times.

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

2 Press ▼ twice.

[Movement] is underlined.

3 Press Set.

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

4 Press ▼ twice.

[Start] is underlined.

The previous or default value is highlighted.

5 Press ▶ or ◀.

Press left or right until you reach the desired function.

6 Press Set.

The display reverts to **Screen A**.

Options	00	to	99
Description	Stop gradually		Stop quickly

Default value: 91

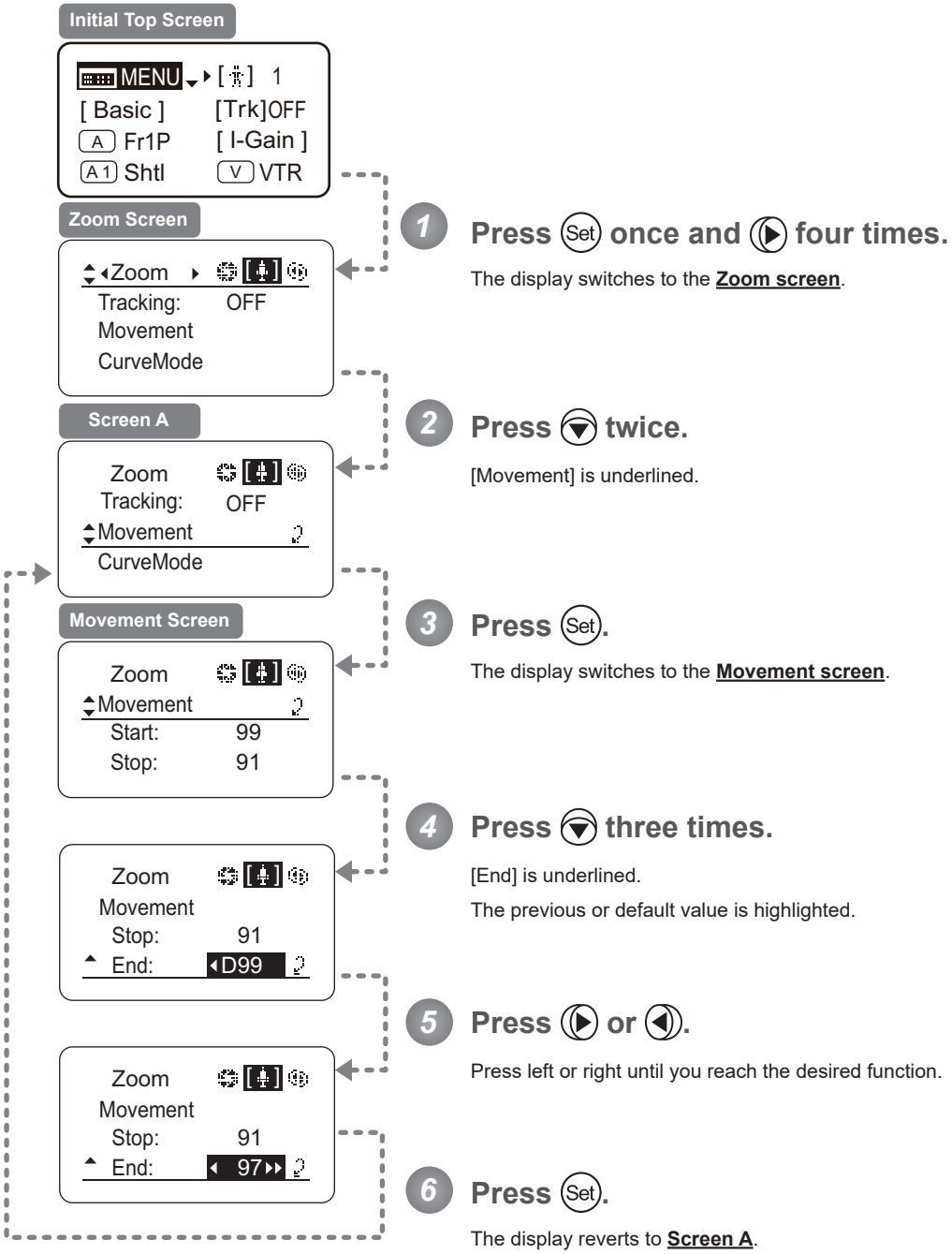
MENU → Set → ▶ × 4 → Zoom → ▼ × 2 → Set → ▼ × 2 → ▶ or ◀ → Set

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.”)



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

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

2 **Press ▼ twice.**

[Movement] is underlined.

3 **Press Set.**

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

4 **Press ▼ three times.**

[End] is underlined.

The previous or default value is highlighted.

5 **Press ▶ or ◀.**

Press left or right until you reach the desired function.

6 **Press Set.**

The display reverts to **Screen A**.

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

(D): Default value

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

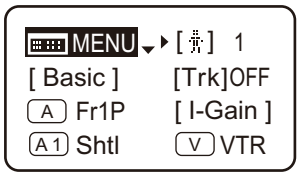
Specifying Seesaw Switch Responsiveness Top

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.)

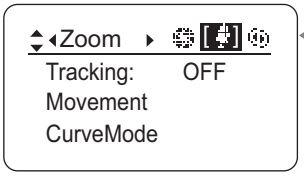
Important

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.")

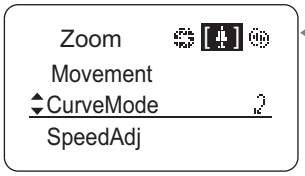
Initial Top Screen



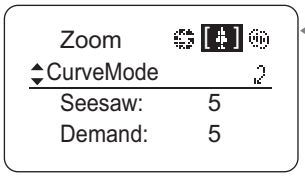
Zoom Screen

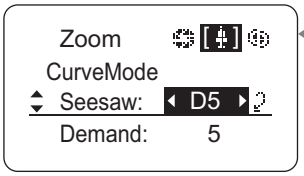


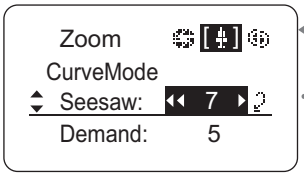
Screen A



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.

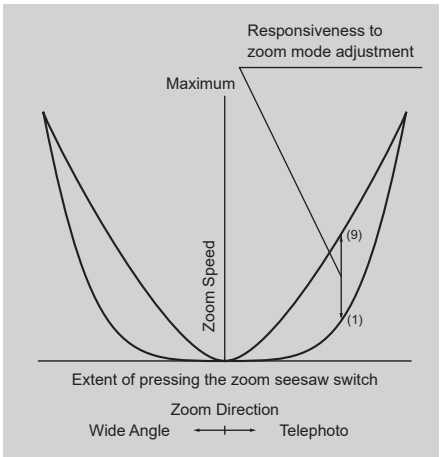
The previous or default value is highlighted.

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

(D): Default value

MENU → (Set) → (▶) × 4 → Zoom → [ ] → (▼) × 3 → (Set) → (▼) → (▶) or (◀) → (Set)

Specifying Analog Demand Responsiveness Top

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

Important

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

Initial Top Screen

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

Zoom Screen

◂Zoom ▸ [ ]
Tracking: OFF
Movement
CurveMode

Screen A

Zoom [ ]
Movement
CurveMode
SpeedAdj

CurveMode Screen

Zoom [ ]
CurveMode
Seesaw: 5
Demand: 5

Zoom [ ]
CurveMode
Seesaw: 5
Demand: ◂ D5 ▸

Zoom [ ]
CurveMode
Seesaw: 5
Demand: ◂◂ 7 ▸

1 Press Set once and ▶ four times.

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

2 Press ▼ three times.

[CurveMode] is underlined.

3 Press Set.

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

4 Press ▼ twice.

[Demand] is underlined.

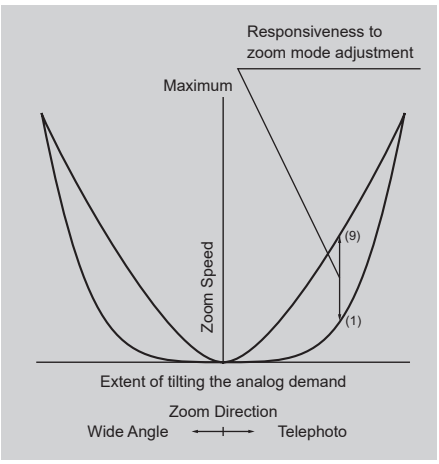
The previous or default value is highlighted.

5 Press ▶ or ◀.

Press left or right until you reach the desired function.

6 Press Set.

The display reverts to **Screen A**.



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

(D): Default value

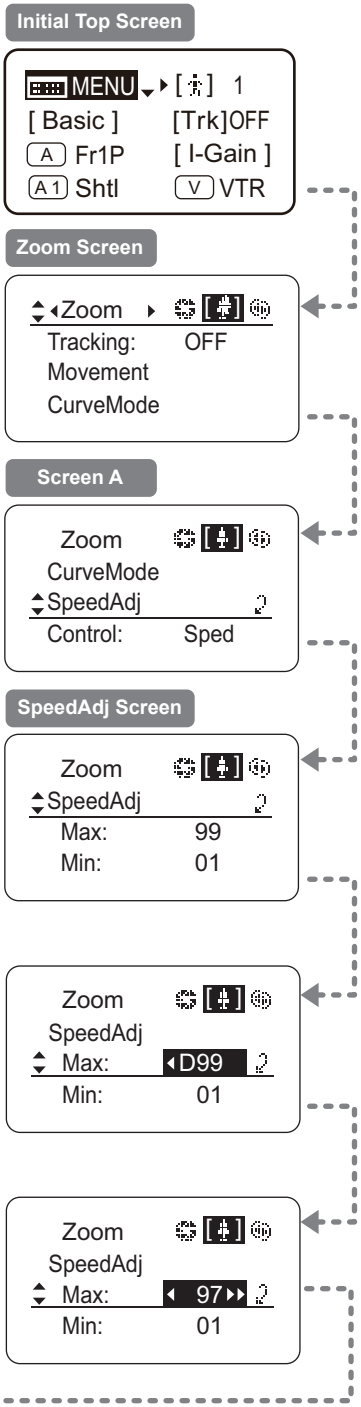
MENU → Set → ▶ × 4 → ◂Zoom ▸ [ ] → ▼ × 3 → Set → ▼ × 2 → ▶ or ◀ → Set

Specifying Maximum Zoom Speed Control

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

Important

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



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–(D) 99

(D): Default value

MENU → (Set) → (▶) × 4 → Zoom → [ ] → (▼) × 4 → (Set) → (▼) → (▶) or (◀) → (Set)

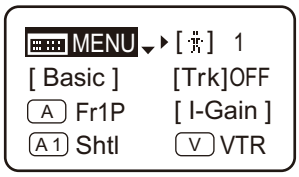
Specifying Minimum Zoom Speed Control

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

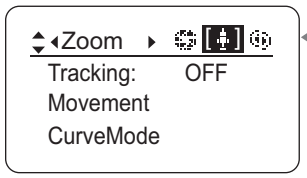
Important

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.”)

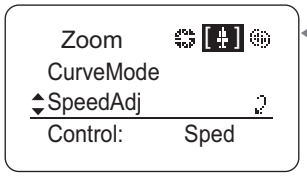
Initial Top Screen



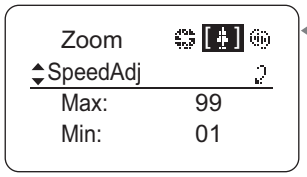
Zoom Screen

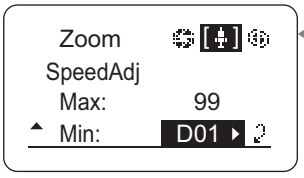


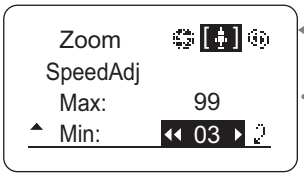
Screen A



SpeedAdj Screen







1 Press Set once and ▶ 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 ▼ twice.

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

5 Press ▶ or ◀.

Press left or right until you reach the desired function.

6 Press Set.

The display reverts to **Screen A**.

Options	01–Max. value

Default value: 01

MENU → Set → ▶ × 4 → Zoom → [ ] → ▼ × 4 → Set → ▼ × 2 → ▶ or ◀ → Set

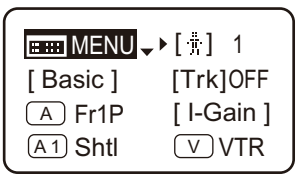
Specifying Servo Type from Zoom Demand

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

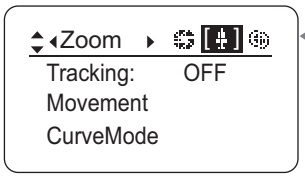
Important

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

Initial Top Screen



Zoom Screen



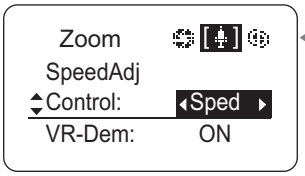
1 **Press (Set) once and (▶) four times.**

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

2 **Press (▼) five times.**

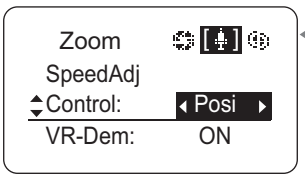
[Control] is underlined.

The previous or default function is highlighted.



3 **Press (▶) or (◀).**

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



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

Options	(D) Sped	Posi
Description	Speed servo	Position servo

(D): Default value

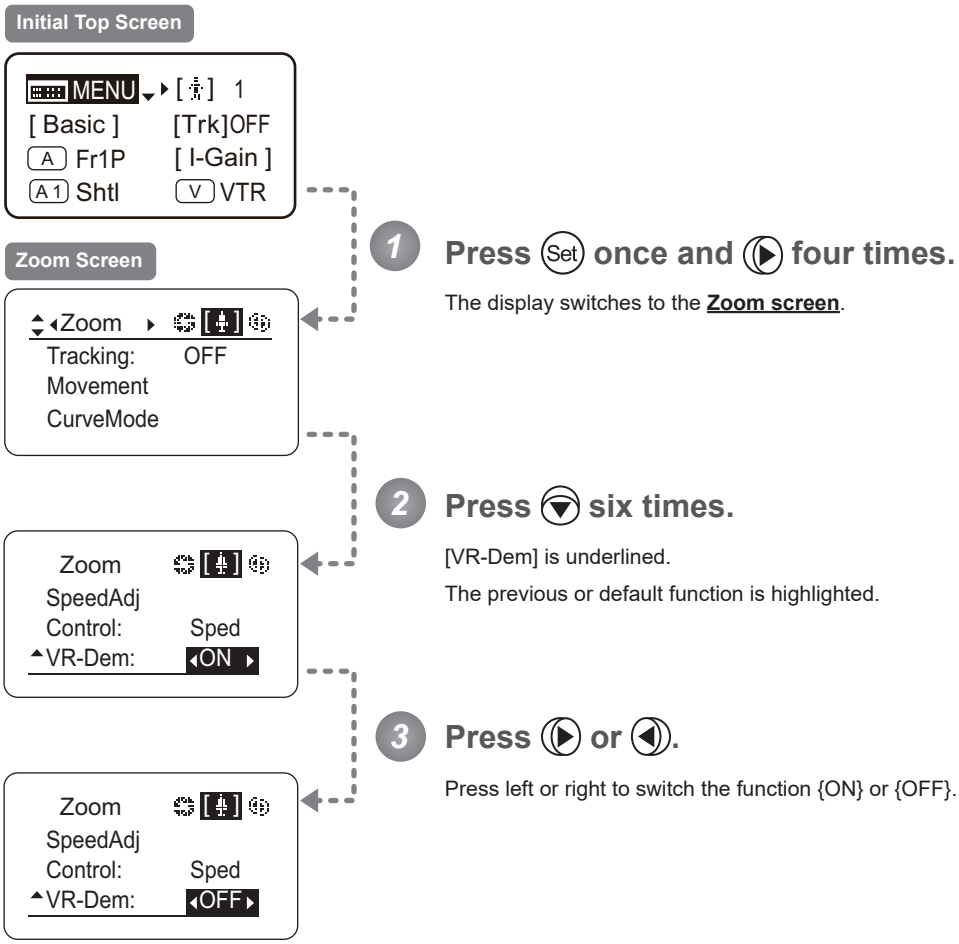
MENU → (Set) → (▶) × 4 → Zoom → [ ] → (▼) × 5 → (▶) or (◀)

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.”)



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	(D) ON	OFF
Description	Enabled	Disabled

(D): Default value

MENU → Set → ▶ × 4 → Zoom → [ ] → ▼ × 6 → ▶ or ◀

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.

Initial Top Screen

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

Focus Screen

◂Focus ▸ [ ] ⓜ ⓘ
CurveMode

Screen A

Focus [ ] ⓜ ⓘ
▴CurveMode

CurveMode Screen

Focus [ ] ⓜ ⓘ
CurveMode
ADemand: 5

Focus [ ] ⓜ ⓘ
CurveMode
▴ ADemand: ◂D5 ▸

Focus [ ] ⓜ ⓘ
CurveMode
▴ ADemand: ◂◂7 ▸

1 Press (Set) once and (◀) three times.

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

2 Press (▼).

[CurveMode] is underlined.

3 Press (Set).

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

4 Press (▼).

[ADemand] is underlined.

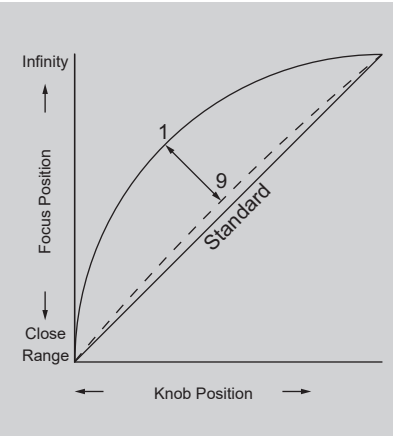
The previous or default value is highlighted.

5 Press (▶) or (◀).

Press left or right until you reach the desired function.

6 Press (Set).

The display reverts to **Screen A**.



Options	1	to	9
Description	Large curve		Small curve

Default value: 5

MENU → (Set) → (◀) × 3 → ◂Focus ▸ [ ] ⓜ ⓘ → (▼) → (Set) → (▼) → (▶) or (◀) → (Set)

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.)

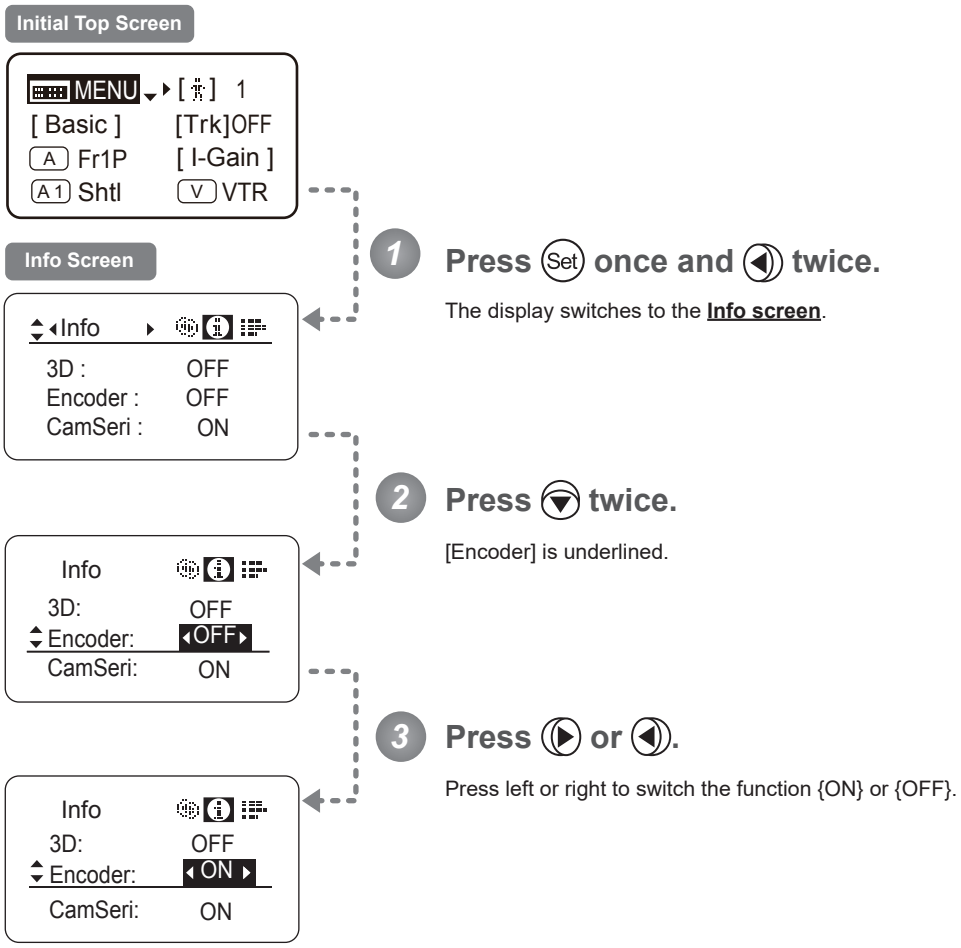
Specifying Encoder Output

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.



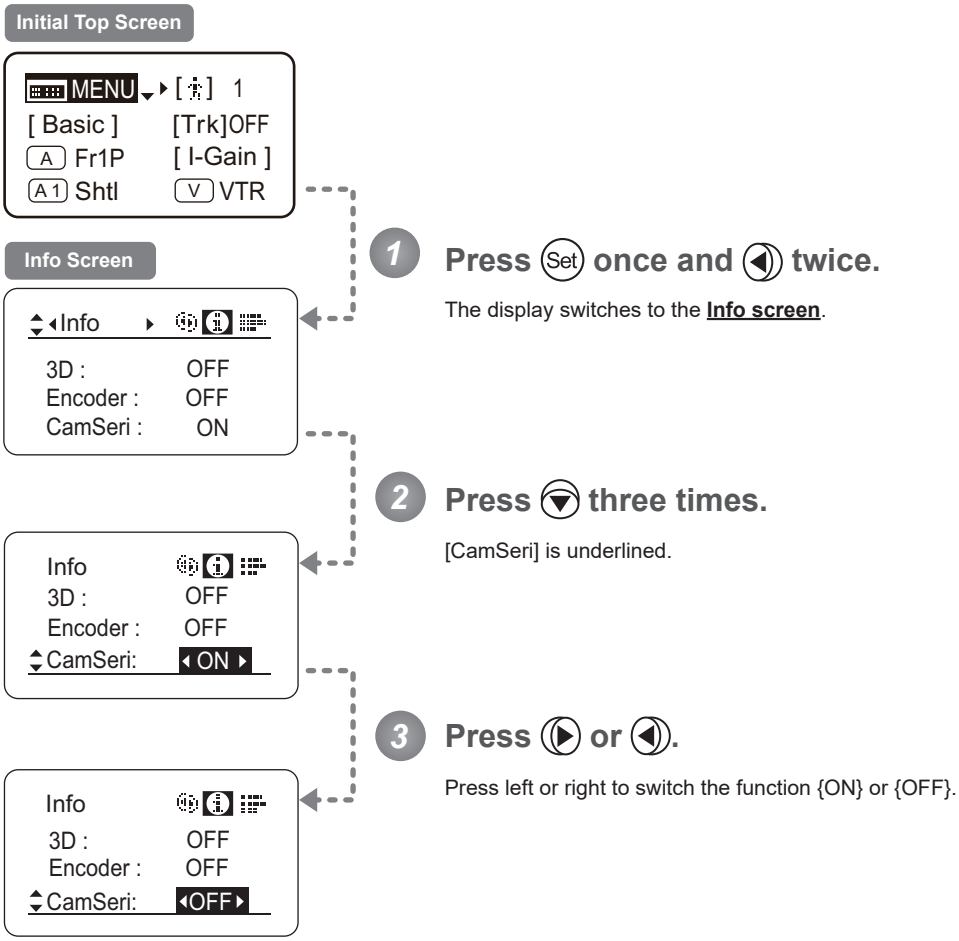
Options	(D) OFF	ON
Description	Output disabled	Output enabled

(D): Default value

MENU → Set → ◀ × 2 → Info → ▼ × 2 → ▶ or ◀

Serial Communication with Camera ON/OFF

Two types of camera–lens interfaces are available: analog control or control via serial communication. This setting enables you to switch between auto control detection and analog control.
By default, this setting is ON, enabling auto detection of whether serial or analog control is used.
To restrict the interface to analog control, set it to OFF.



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

(D): Default value

MENU → Set → × 2 → Info → × 3 → or

4.2.8 Fol. Screen Settings

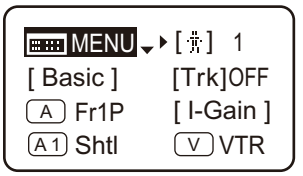
The following setting items can be configured on the **Fol. screen**.

Viewing Lens Follow Settings (Iris, Zoom, Focus)

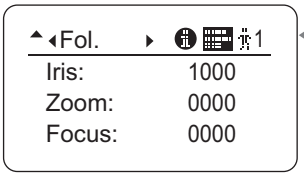
Viewing Lens Follow Settings (Iris, Zoom, Focus)

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.

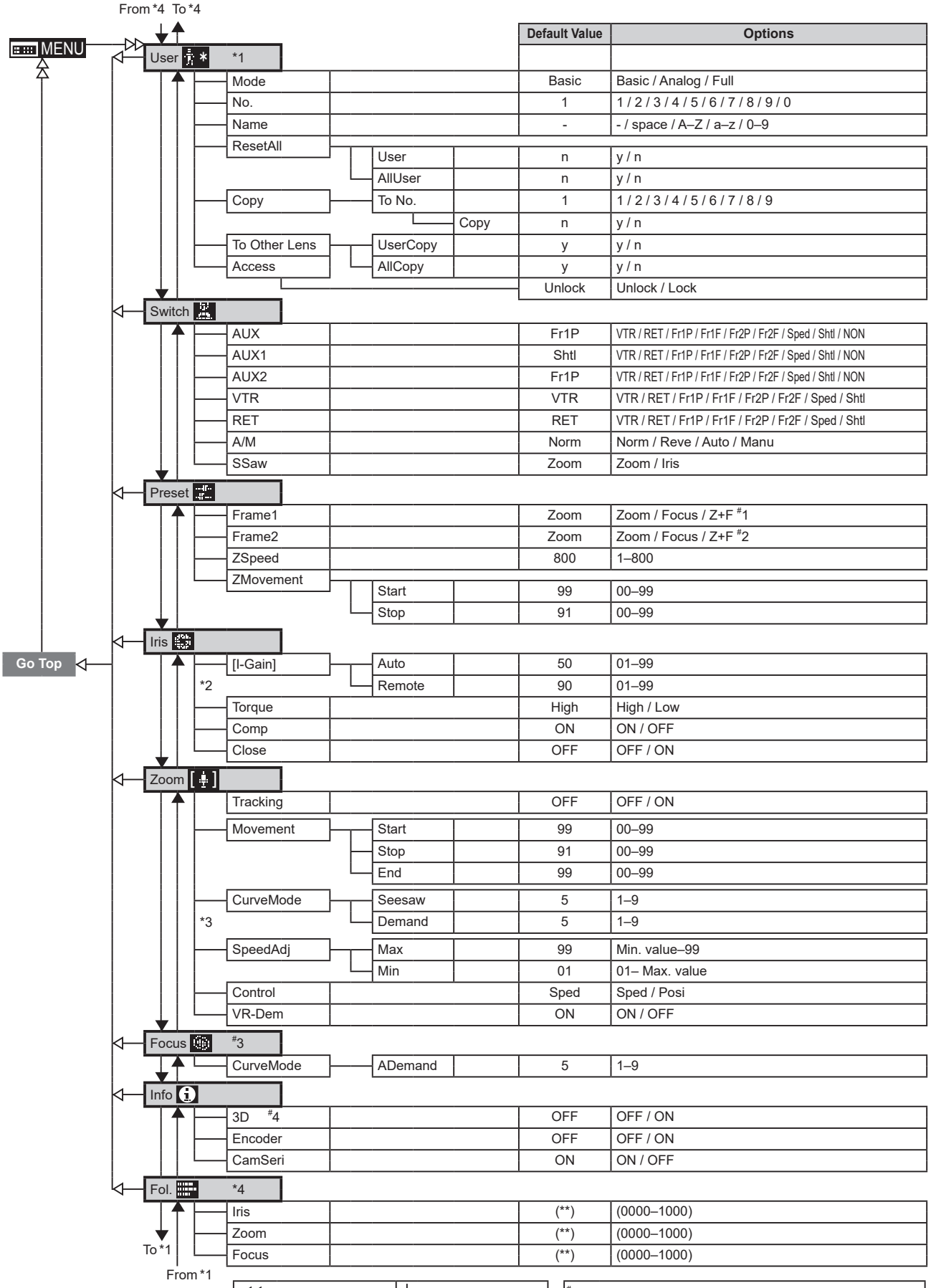
Note: As long as the Fol. screen is shown, the display will not turn off automatically after 2 minutes if left idle.
To turn off the display, press the Display switch.

MENU → Set → ◀) → Fol. 1

4.3 List of Settings

	Default Value	Options
Top		
MENU		To *1 on the next page
[ ]	1	1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 0
[Basic]		Basic
[Trk]	OFF	OFF / ON
A	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON
[I-Gain]		
		To *2 on the next page
A 1	Shtl	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON
V	VTR	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl
A 2	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON
R	RET	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl
[I-Tq]	H	H / L
[Z.M.]		
		To *3 on the next page
AM	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.



	Default Value	Options
Mode	Basic	Basic / Analog / Full
No.	1	1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 0
Name	-	- / space / A–Z / a–z / 0–9
ResetAll		
User	n	y / n
AllUser	n	y / n
Copy		
To No.	1	1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9
Copy	n	y / n
To Other Lens		
UserCopy	y	y / n
Access		
AllCopy	y	y / n
	Unlock	Unlock / Lock
Switch		
AUX	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON
AUX1	Shtl	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON
AUX2	Fr1P	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl / NON
VTR	VTR	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl
RET	RET	VTR / RET / Fr1P / Fr1F / Fr2P / Fr2F / Sped / Shtl
A/M	Norm	Norm / Reve / Auto / Manu
SSaw	Zoom	Zoom / Iris
Preset		
Frame1	Zoom	Zoom / Focus / Z+F #1
Frame2	Zoom	Zoom / Focus / Z+F #2
ZSpeed	800	1–800
ZMovement		
Start	99	00–99
Stop	91	00–99
Iris		
[I-Gain]		
Auto	50	01–99
Remote	90	01–99
Torque	High	High / Low
Comp	ON	ON / OFF
Close	OFF	OFF / ON
Zoom [ ]		
Tracking	OFF	OFF / ON
Movement		
Start	99	00–99
Stop	91	00–99
End	99	00–99
CurveMode		
Seesaw	5	1–9
Demand	5	1–9
SpeedAdj		
Max	99	Min. value–99
Min	01	01– Max. value
Control	Sped	Sped / Posi
VR-Dem	ON	ON / OFF
Focus #3		
CurveMode		
ADemand	5	1–9
Info		
3D #4	OFF	OFF / ON
Encoder	OFF	OFF / ON
CamSeri	ON	ON / OFF
Fol. *4		
Iris	(**)	(0000–1000)
Zoom	(**)	(0000–1000)
Focus	(**)	(0000–1000)

◁◁— : 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.

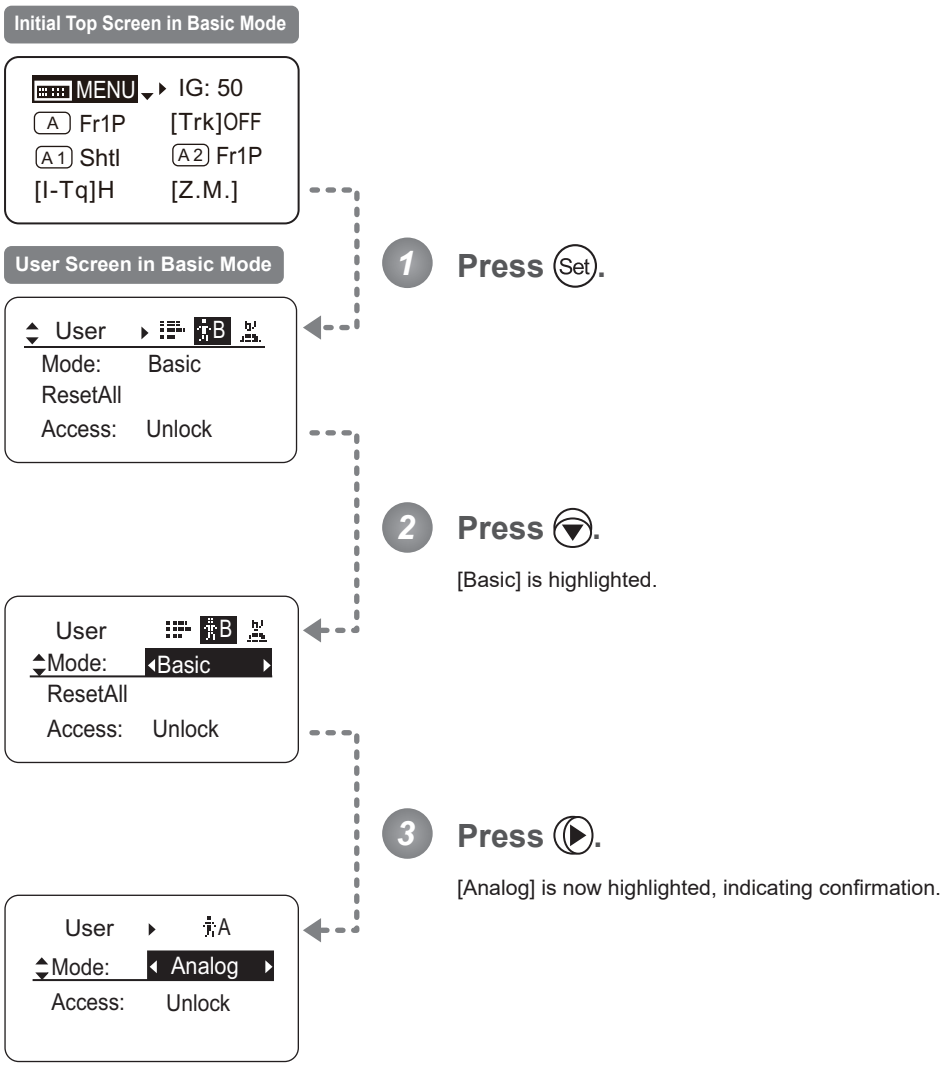
Initial Top Screen in Analog Mode

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.

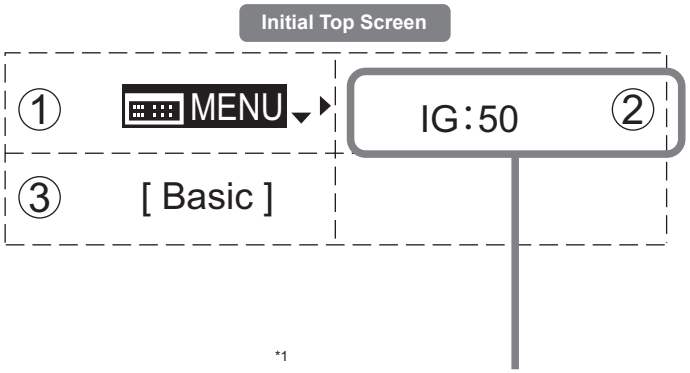
Switching from Basic to Analog Mode



MENU → Set → ▼ → ▶ → [Analog]

5.1.2 Top Screen

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



*1

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

---

① MENU **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 operation manual “Lens”) 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
[Basic]

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].

1 Press ▶.

Your selection is now highlighted.

MENU IG:50
[Basic]

2 Press Set.

The display starts blinking.

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

IG: 50

3 Press ▶ or ◀.

Press left or right until you reach the desired value.

IG: 51

4 Press Set.

The display changes from blinking to highlighted, indicating confirmation.

MENU IG:51
[Basic]

Options	01	to	99
Description	Minimum gain		Maximum gain

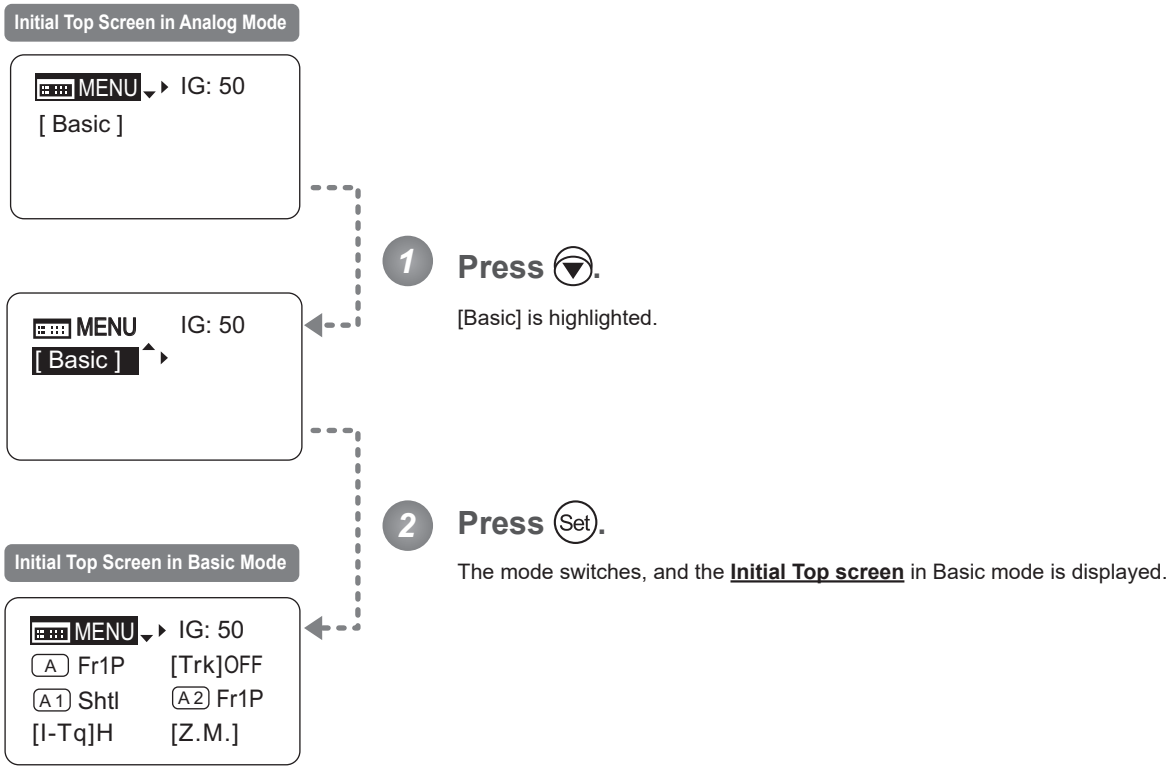
Default: Varies depending on the factory-set value, but corresponds to the value determined with the iris gain adjustment trimmer.

MENU → ▶ → IG: 50 → Set → ▶ or ◀ → Set

5.1.4 Switching to Basic Mode [Basic]

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

Switching from Analog to Basic Mode

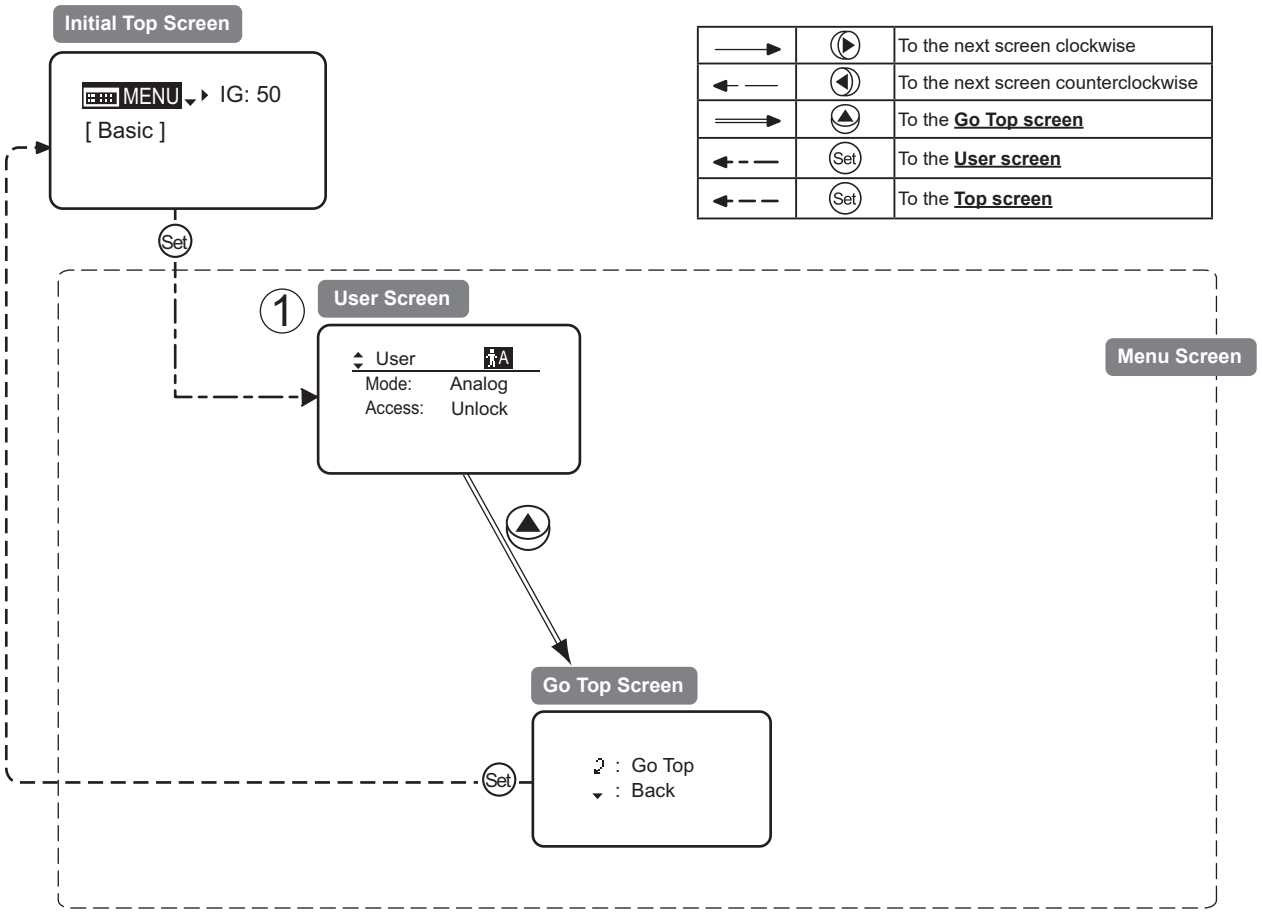


MENU → → [Basic] → Set

5.2 Configuration from the Menu Screen

In Analog mode, you can view and configure 2 setting items from the **Menu screen**.*
From the **Menu screen** in Analog mode, you can access a **User screen**.
Select [MENU] on the **Top screen** and press the Set key to access the **User screen**. (See the following figure.)

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



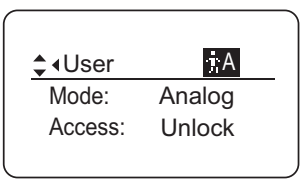
1	User Screen.....5.2.1

5.2.1 User Screen Settings

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

Switching Modes
Locking Functions

User Screen in Analog Mode

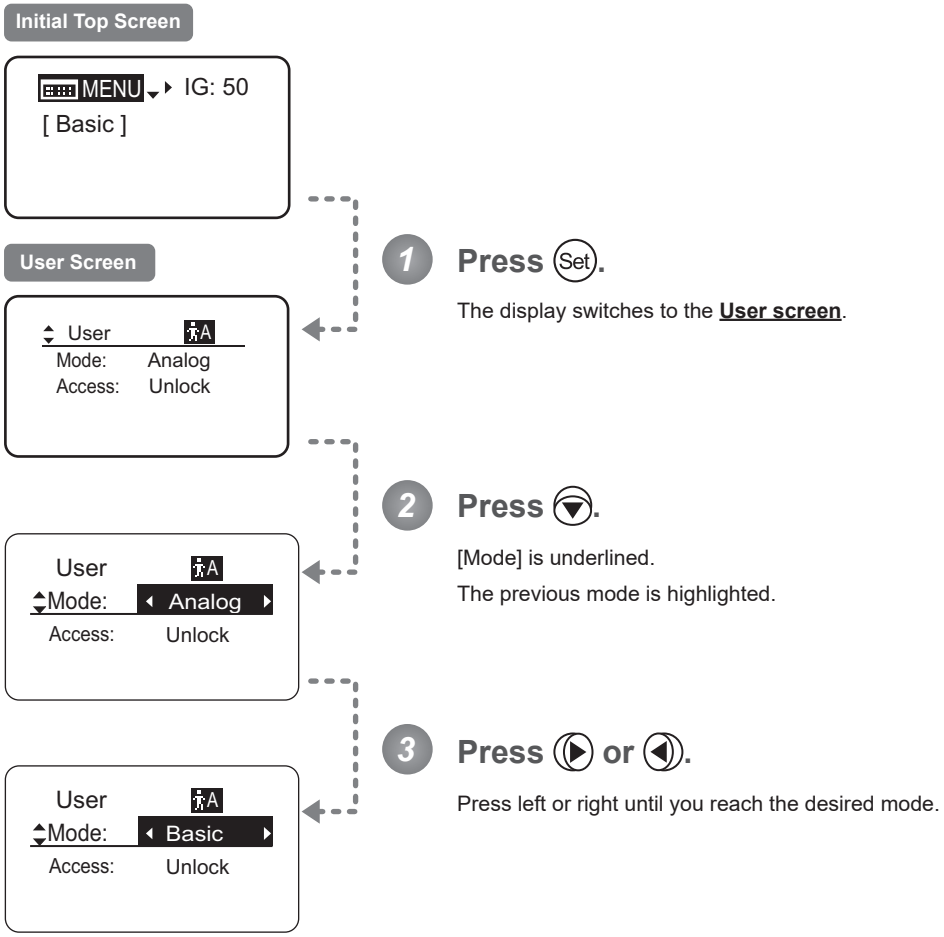


Switching Modes

Switch to Basic or Full mode, as needed.

Important

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



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

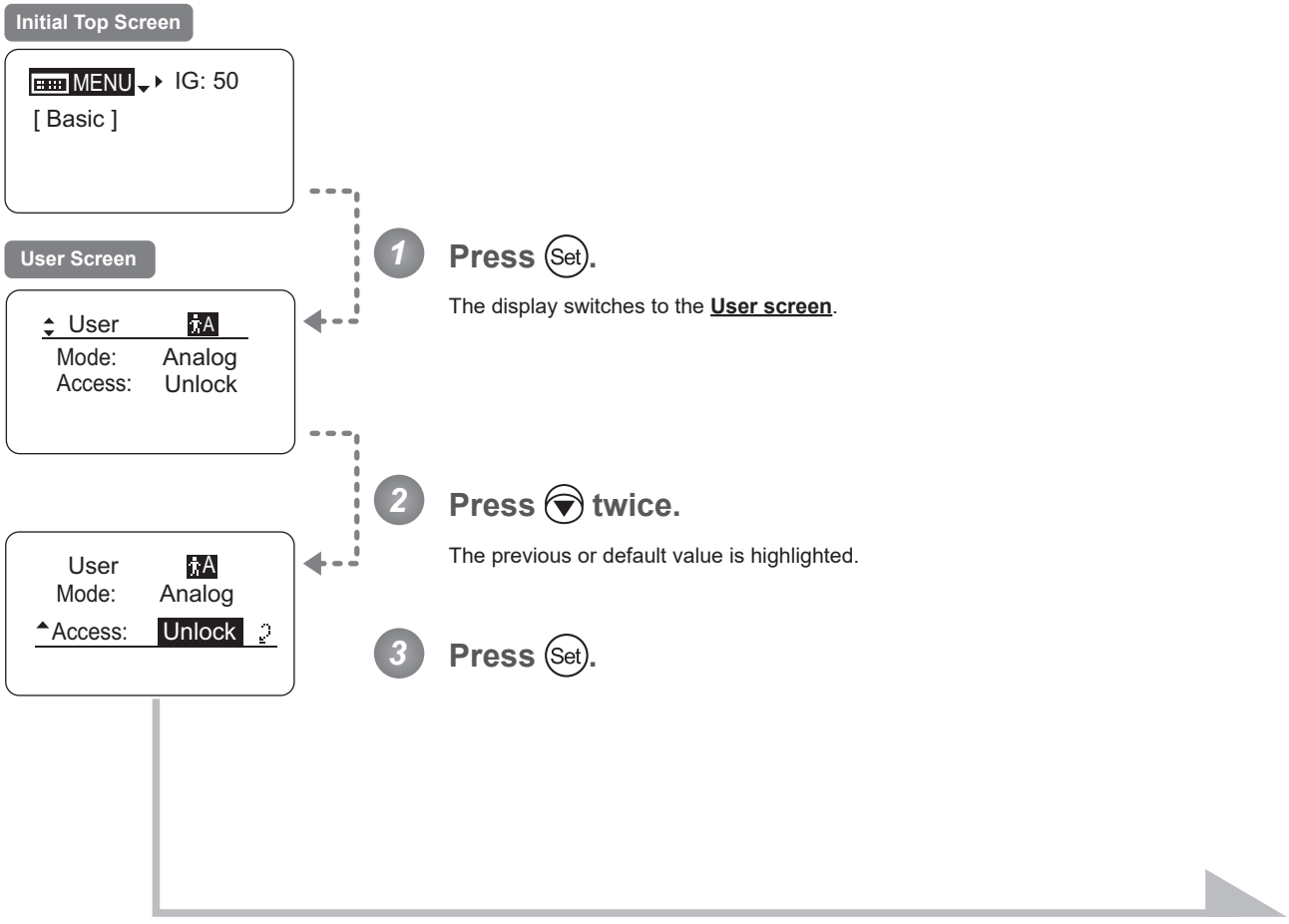
(D): Default value

MENU → Set → User → ▼ → ▶ or ◀

Locking Functions

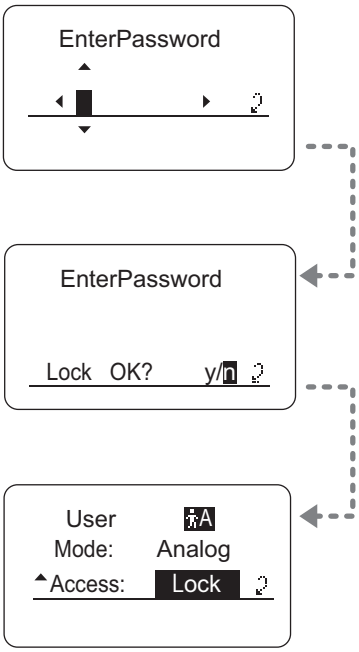
To ensure that configured functions cannot easily be changed, you can lock the settings of certain functions. Once functions are locked, they are locked for all users.
Two display operations are available in Analog mode: auto iris gain adjustment and user switching. However, you cannot switch users when functions are locked, because this function is also locked. Unlocking functions requires the password used to lock them.

(1) Locking Settings



Continued on next page

Continued from previous page



4 Enter the password and press (Set).

Entering Passwords

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

5 Press (◀) and then (Set).

The settings are now locked.

Note

Passwords

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

Characters supported in passwords

Options	(D) _ – A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n o p q r s t u v w x y z 0 1 2 3 4 5 6 7 8 9
Max. Digits	8

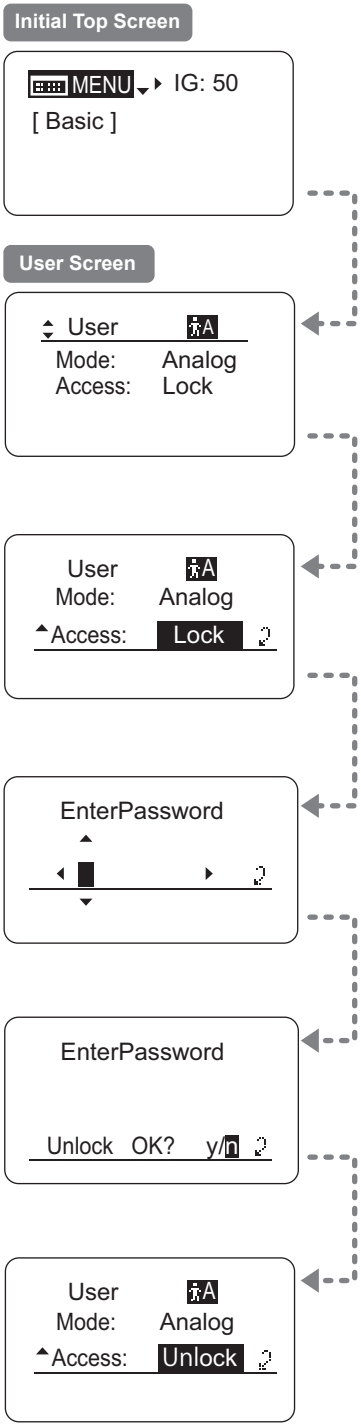
(D) : Default value
_ : Space

Options	(D) Unlock	Lock

(D): Default value

(Set) → (▼) × 2 → (Set) → Entering Passwords → (Set) → (◀) → (Set) → DISPLAY

(2) Unlocking Settings



1 **Press (Set).**

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

2 **Press (▼) 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 (◀) and then (Set).**

The settings are now unlocked.

Options	(D) Unlock	Lock

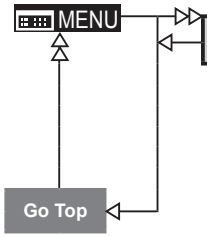
(D): Default value

(Set) → (▼) × 2 → (Set) → Entering Passwords → (Set) → (◀) → (Set) → (DISPLAY)

5.3 List of Settings

	Default Value	Options	Page
Top			
MENU		To *1 on the next page	
IG	50	01–99	
[Basic]		Basic	

Escape Operation	Jump to user 0 setting status	Hold down both the Display switch and Set key for at least 2 seconds.	



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

: Set key operation	: Right key operation
: Up key operation	: Left key operation

memo

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