



# User's Manual

## ColorEdge® CS2731

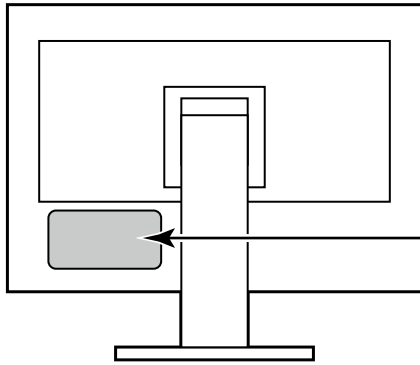
### Color Management LCD Monitor

#### **Important**

Please read this "User's Manual", and "PRECAUTIONS" (separate volume) carefully to familiarize yourself with safe and effective usage.

- 
- Refer to the "Setup Guide" for information on the installation / connection of the monitor.
  - For the latest product information including the "User's Manual", refer to our web site :  
[www.eizoglobal.com](http://www.eizoglobal.com)
-

## Location of Caution Statement



  
**WARNING**  
RISK OF ELECTRIC SHOCK. DO NOT OPEN.

**AVERTISSEMENT**  
RISQUE DE CHOC ÉLECTRIQUE. NE PAS OUVRIR.

**WARNUNG**  
GEFAHR DES ELEKTRISCHEN SCHLAGES. RÜCKWAND NICHT ENTFERNEN.

**警告**  
触电危険、请勿打开后盖。

**警告**  
感電の恐れあり、カバーをあけないでください。

The equipment must be connected to a grounded main outlet.  
L'appareil doit être relié à une prise avec terre.  
Jordet stikkontakt skal benyttes når apparatet tilkobles datanett.  
Apparaten skall anslutas till jordat nätuttag.  
设备必须连接到接地的电源插座。  
電源コードのアースは必ず接地してください。

This product has been adjusted specifically for use in the region to which it was originally shipped. If operated outside this region, the product may not perform as stated in the specifications.

No part of this manual may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, or otherwise, without the prior written permission of EIZO Corporation. EIZO Corporation is under no obligation to hold any submitted material or information confidential unless prior arrangements are made pursuant to EIZO Corporation's receipt of said information. Although every effort has been made to ensure that this manual provides up-to-date information, please note that EIZO monitor specifications are subject to change without notice.

# Notice for this monitor

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Aside from general purposes like creating documents, viewing multimedia content, this product is also suited to applications such as graphics creation and digital photo processing, where accurate color reproduction is a priority.

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This product has been adjusted specifically for use in the region to which it was originally shipped. If the product is used outside the region, it may not operate as specified in the specifications.

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This product may not be covered by warranty for uses other than those described in this manual.

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The specifications noted in this manual are only applicable when the following are used:

- Power cords provided with the product
  - Signal cables specified by us
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Only use optional products manufactured or specified by us with this product.

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If you place this product on a lacquer-coated desk, the color may adhere to the bottom of the stand due to the composition of the rubber. Check the desk surface before use.

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It takes about 30 minutes (under our measurement conditions) for the monitor display to stabilize. Please wait 30 minutes or more after the monitor power has been turned on, and then adjust the monitor.

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Monitors should be set to a lower brightness to prevent a loss in the screen quality caused by long-term use and to maintain stable use.

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When the screen image is changed after displaying the same image for extended periods of time, an afterimage may appear. Use the screen saver or power save function to avoid displaying the same image for extended periods of time. Depending on the image, an afterimage may appear even if it was displayed for a short period of time. To remove such a phenomenon, change the image or keep the power turned off for several hours.

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If the monitor displays continuously over a long period of time, dark smudges or burn-in may appear. To maximize the life of the monitor, we recommend the monitor be turned off periodically.

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Periodic cleaning is recommended to keep the monitor looking new and to prolong its operation lifetime (refer to [“Cleaning” \(page 4\)](#)).

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The LCD panel is manufactured using high-precision technology. Although, missing pixels or lit pixels may appear on the LCD panel, this is not a malfunction. Percentage of effective dots: 99.9994 % or higher.

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The backlight of the LCD panel has a fixed lifetime. Depending on the usage pattern, such as usage for long continuous periods, the lifespan of the backlight may run out sooner, requiring replacement. When the screen becomes dark or begins to flicker, please contact your local EIZO representative.

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Do not press on the LCD panel or edge of the frame strongly, as this may result in display malfunctions, such as interference patterns, etc. If pressure is continuously applied to the LCD panel surface, the liquid crystal may deteriorate or the LCD panel may be damaged. (If the pressure marks remain on the panel, leave the monitor with a black or white screen. The symptom may disappear.)

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Do not scratch or press on the LCD panel with any sharp objects, at this may result in damage to the LCD panel. Do not attempt to brush with tissues as this may scratch the panel.

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When the monitor is cold and brought into a room or the room temperature goes up quickly, dew condensation may occur on the interior and exterior surfaces of the monitor. In that case, do not turn the monitor on. Instead wait until the dew condensation disappears, otherwise it may cause some damage to the monitor.

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# Cleaning

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The stains on the cabinet and LCD panel surface can be removed by moistening part of a soft cloth with water.

## **Attention**

- Chemicals such as alcohol and antiseptic solution may cause gloss variation, tarnishing, and fading of the cabinet or LCD panel, and also quality deterioration of the image.
- Never use thinner, benzine, wax, or abrasive cleaner as they may damage the cabinet or LCD panel surface.

## **Note**

- It is recommended that ScreenCleaner (available as an option) be used to clean the cabinet and LCD panel surface.
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# To use the monitor comfortably

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- An excessively dark or bright screen may affect your eyes. Adjust the brightness of the monitor according to the environmental conditions.
- Staring at the monitor for a long time tires your eyes. Take a 10-minute rest every hour.

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# Chapter 1 Introduction

This chapter describes the features of the monitor and the name of each control.

## 1-1. Features

### ● User-defined custom key function

- Work efficiency can be improved by assigning frequently used functions to the switches on the front of the monitor. The functions that can be assigned to custom keys are the following:

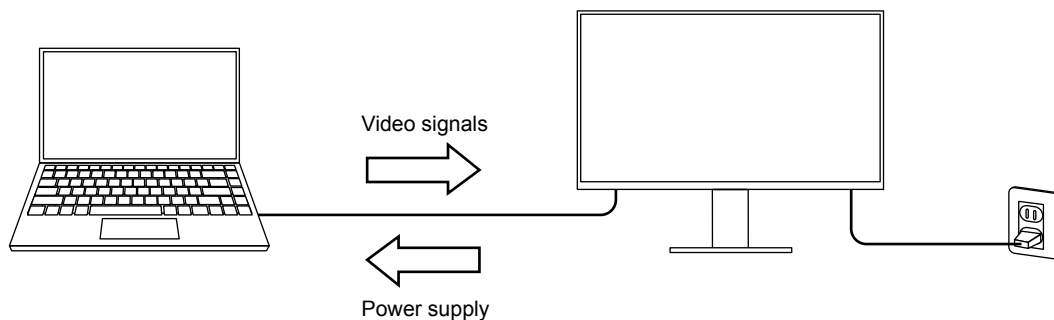
- Brightness
- Prev. Color Mode
- Information

See “Chapter 3 Custom Key Settings” (page 18).

### ● Support for DisplayPort Alt Mode / USB Power Delivery

- This product is equipped with a USB Type-C connector and supports video signal transfer (DisplayPort Alt Mode) and USB device charging (USB Power Delivery).

It supplies a maximum of 60 W of power to a connected notebook PC when used as an external monitor.



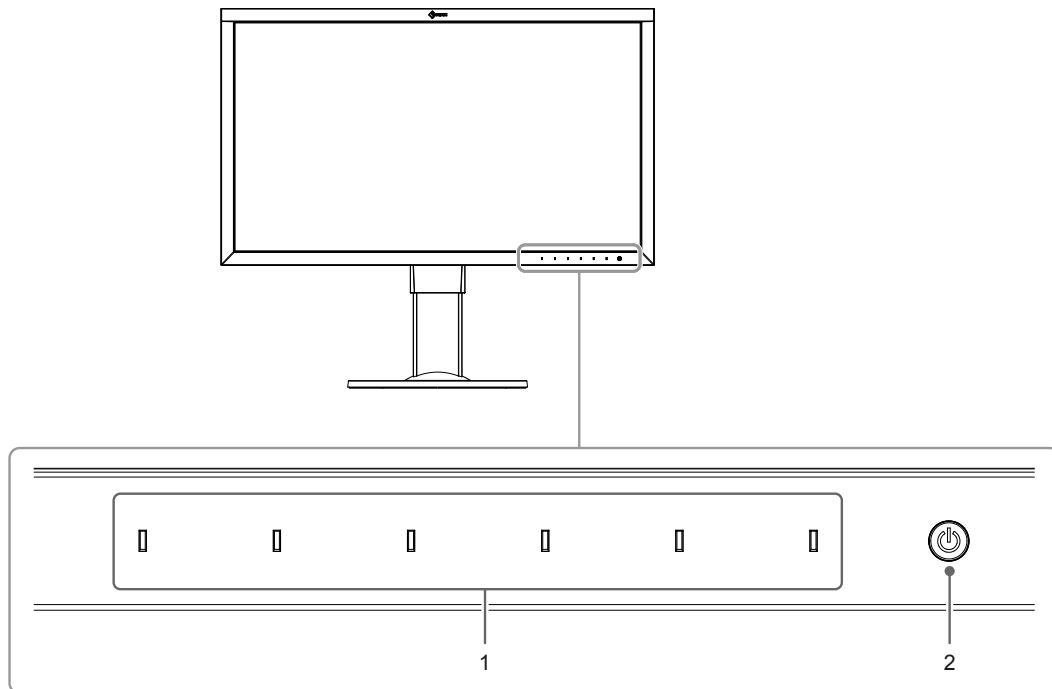
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#### Note

- To use the charging function, the connected device must be equipped with a USB Type-C connector and support device charging by using USB Power Delivery. Charging may not be possible depending on the used external device.
  - To use video signal transfer with USB Type-C, the connected device must be equipped with a USB Type-C connector and support video signal transfer by using USB Type-C.
  - Connected devices can be charged even when the monitor is in power saving mode.
-

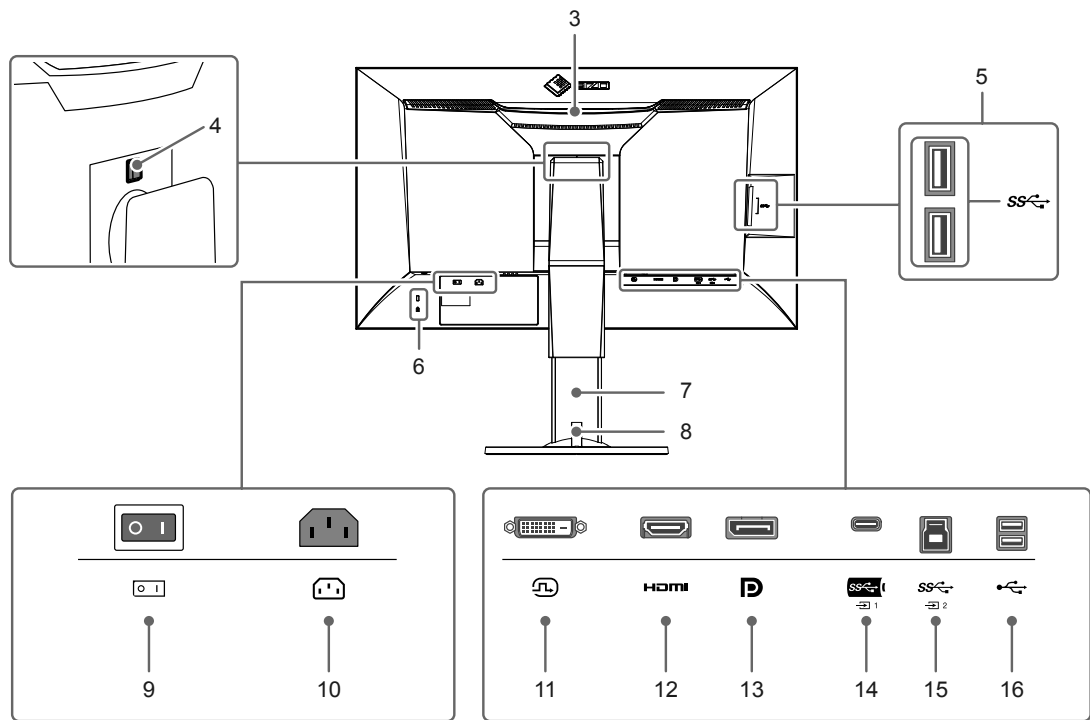
## 1-2. Controls and Functions

### ● Front



|                              |                                                                                                                                                                                                                                                                                            |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. Operation switches</b> | Displays menus. Operate the switches according to the operation guide.<br>Touch the switch to display its menu.<br>The switch indicators are lit white when you turn on the power.                                                                                                         |
| <b>2. Power switch</b>       | Turns the power on or off.<br>Touch the switch to turn the power on.<br>The switch indicator is lit when you turn the power on. The indicator color differs depending on the monitor's operation status.<br>White : Normal operating mode<br>Orange : Power saving mode<br>OFF : Power off |

## ● Rear



|                                                       |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3. Transportation handle</b>                       | This handle is used for transportation.<br><b>Attention</b> <ul style="list-style-type: none"> <li>Firmly grasp and hold the monitor by the bottom while grabbing the handle, and carefully convey the monitor so as not to drop it.</li> </ul> |
| <b>4. Lock button</b>                                 | Use this button when removing the stand from the monitor.                                                                                                                                                                                       |
| <b>5. USB Type-A connector (USB downstream port)</b>  | Connects to a peripheral USB device. Supports USB 3.1 Gen 1. This is a blue-colored connector.                                                                                                                                                  |
| <b>6. Security lock slot</b>                          | Complies with Kensington's MicroSaver security system.                                                                                                                                                                                          |
| <b>7. Stand<sup>*1</sup></b>                          | Adjusts the height and angle (tilt and swivel) of the monitor.                                                                                                                                                                                  |
| <b>8. Cable holder</b>                                | Covers the monitor cables. For details on attaching the cable holder, see <a href="#">“7-3. Attaching/Detaching the Cable Holder” (page 40)</a> .                                                                                               |
| <b>9. Main power switch</b>                           | Turns the main power on or off.   : On, ○ : Off                                                                                                                                                                                                 |
| <b>10. Power connector</b>                            | Connects the power cord.                                                                                                                                                                                                                        |
| <b>11. DVI connector</b>                              | Connects to an external device that has DVI output.                                                                                                                                                                                             |
| <b>12. HDMI connector</b>                             | Connects to an external device that has HDMI output.                                                                                                                                                                                            |
| <b>13. DisplayPort connector</b>                      | Connects to an external device that has DisplayPort output.                                                                                                                                                                                     |
| <b>14. USB Type-C connector (USB upstream port)</b>   | Connects a device that supports USB Type-C.                                                                                                                                                                                                     |
| <b>15. USB Type-B connector (USB upstream port)</b>   | Connects to the USB cable when using software that requires a USB connection, or when using the USB Hub function. This is a blue-colored connector.                                                                                             |
| <b>16. USB Type-A connector (USB downstream port)</b> | Connects to a peripheral USB device. Supports USB 2.0.                                                                                                                                                                                          |

<sup>\*1</sup> An optional arm (or an optional stand) can be attached by removing the stand section (refer to [“7-2. Attaching the Optional Arm” \(page 39\)](#)).



## 1-3. Supported Resolutions

The monitor supports the following resolutions.

### ● DVI

| Resolution                | Scan <sup>*1</sup> | Vertical Scan Frequency | Dual Link <sup>*2</sup> | Single Link <sup>*2</sup> |
|---------------------------|--------------------|-------------------------|-------------------------|---------------------------|
| 640 x 480                 | P                  | 59.940 Hz               | √                       | √                         |
| 640 x 480                 | P                  | 60.000 Hz               | √                       | √                         |
| 720 x 400                 | P                  | 70.087 Hz               | √                       | √                         |
| 800 x 600                 | P                  | 60.317 Hz               | √                       | √                         |
| 1024 x 768                | P                  | 60.004 Hz               | √                       | √                         |
| 1280 x 720                | P                  | 50.000 Hz               | √                       | √                         |
| 1280 x 720                | P                  | 59.940 Hz               | √                       | √                         |
| 1280 x 720                | P                  | 60.000 Hz               | √                       | √                         |
| 1280 x 960                | P                  | 60.000 Hz               | √                       | √                         |
| 1280 x 1024               | P                  | 60.020 Hz               | √                       | √                         |
| 1600 x 1200               | P                  | 60.000 Hz               | √                       | √                         |
| 1680 x 1050               | P                  | 59.883 Hz               | √                       | √                         |
| 1680 x 1050               | P                  | 59.954 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 23.976 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 24.000 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 25.000 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 29.970 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 30.000 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 50.000 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 59.934 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 59.940 Hz               | √                       | √                         |
| 1920 x 1080               | P                  | 60.000 Hz               | √                       | √                         |
| 1920 x 1200               | P                  | 59.950 Hz               | √                       | √                         |
| 2560 x 1440 <sup>*3</sup> | P                  | 29.935 Hz               | -                       | √                         |
| 2560 x 1440 <sup>*3</sup> | P                  | 59.951 Hz               | √                       | -                         |

\*1 P: Progressive

\*2 "Signal Format" (page 34) must be set.

\*3 Recommended resolution

## ● DisplayPort

| Resolution                | Scan <sup>*1</sup> | Vertical Scan Frequency | RGB, RGB/YUV | YCbCr 4:4:4 | YCbCr 4:2:2 | RGB 4:4:4  |
|---------------------------|--------------------|-------------------------|--------------|-------------|-------------|------------|
| 640 x 480                 | P                  | 59.940 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 640 x 480                 | P                  | 60.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 400                 | P                  | 70.087 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 480 (4:3)           | P                  | 59.940 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 480 (4:3)           | P                  | 60.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 480 (16:9)          | P                  | 59.940 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 480 (16:9)          | P                  | 60.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 800 x 600                 | P                  | 60.317 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1024 x 768                | P                  | 60.004 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 720                | P                  | 50.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 720                | P                  | 59.940 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 720                | P                  | 60.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 960                | P                  | 60.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 1024               | P                  | 60.020 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1600 x 1200               | P                  | 60.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1680 x 1050               | P                  | 59.883 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1680 x 1050               | P                  | 59.954 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 23.976 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 24.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 25.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 29.970 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 30.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 50.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 59.934 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 59.940 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 60.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1200               | P                  | 59.950 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 2048 x 1080               | P                  | 24.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 2048 x 1080               | P                  | 48.000 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 2560 x 1440 <sup>*2</sup> | P                  | 29.935 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 2560 x 1440 <sup>*2</sup> | P                  | 59.951 Hz               | √            | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |

\*1 P: Progressive

\*2 Recommended resolution

## ● HDMI

| Resolution                | Scan <sup>*1</sup> | Vertical Scan Frequency | RGB, RGB/YUV | YCbCr 4:4:4     | YCbCr 4:2:2     | RGB 4:4:4       |
|---------------------------|--------------------|-------------------------|--------------|-----------------|-----------------|-----------------|
| 640 x 480                 | P                  | 59.940 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 640 x 480                 | P                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 400                 | P                  | 70.087 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 480 (4:3)           | I                  | 59.940 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 480 (4:3)           | P                  | 59.940 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 480 (4:3)           | I                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 480 (4:3)           | P                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 480 (16:9)          | I                  | 59.940 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 480 (16:9)          | P                  | 59.940 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 480 (16:9)          | I                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 480 (16:9)          | P                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 576 (4:3)           | I                  | 50.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 576 (4:3)           | P                  | 50.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 576 (16:9)          | I                  | 50.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 720 x 576 (16:9)          | P                  | 50.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 800 x 600                 | P                  | 60.317 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1024 x 768                | P                  | 60.004 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1280 x 720                | P                  | 50.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1280 x 720                | P                  | 59.940 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1280 x 720                | P                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1280 x 960                | P                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1280 x 1024               | P                  | 60.020 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1600 x 1200               | P                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1680 x 1050               | P                  | 59.883 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1680 x 1050               | P                  | 59.954 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 23.976 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 24.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 25.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 29.970 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 30.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 50.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | I                  | 50.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 59.934 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 59.940 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | I                  | 59.940 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | P                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1080               | I                  | 60.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 1920 x 1200               | P                  | 59.950 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 2048 x 1080               | P                  | 24.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 2048 x 1080               | P                  | 48.000 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 2560 x 1440 <sup>*2</sup> | P                  | 29.935 Hz               | √            | 12 / 10 / 8 bit | 12 / 10 / 8 bit | 12 / 10 / 8 bit |
| 2560 x 1440 <sup>*2</sup> | P                  | 59.951 Hz               | √            | 8 bit           | 12 / 10 / 8 bit | 8 bit           |

\*1 P: Progressive, I: Interlace

\*2 Recommended resolution

## ● USB Type-C

| Resolution                | Scan <sup>*1</sup> | Vertical Scan Frequency | Normal, Extra | YCbCr 4:4:4 | YCbCr 4:2:2 | RGB 4:4:4  |
|---------------------------|--------------------|-------------------------|---------------|-------------|-------------|------------|
| 640 x 480                 | P                  | 59.940 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 640 x 480                 | P                  | 60.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 400                 | P                  | 70.087 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 480 (4:3)           | P                  | 59.940 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 480 (4:3)           | P                  | 60.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 480 (16:9)          | P                  | 59.940 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 720 x 480 (16:9)          | P                  | 60.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 800 x 600                 | P                  | 60.317 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1024 x 768                | P                  | 60.004 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 720                | P                  | 50.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 720                | P                  | 59.940 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 720                | P                  | 60.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 960                | P                  | 60.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1280 x 1024               | P                  | 60.020 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1600 x 1200               | P                  | 60.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1680 x 1050               | P                  | 59.883 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1680 x 1050               | P                  | 59.954 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 23.976 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 24.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 25.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 29.970 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 30.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 50.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 59.934 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 59.940 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1080               | P                  | 60.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 1920 x 1200               | P                  | 59.950 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 2048 x 1080               | P                  | 24.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 2048 x 1080               | P                  | 48.000 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 2560 x 1440 <sup>*2</sup> | P                  | 29.935 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |
| 2560 x 1440 <sup>*2</sup> | P                  | 59.951 Hz               | √             | 10 / 8 bit  | 10 / 8 bit  | 10 / 8 bit |

\*1 P: Progressive

\*2 Recommended resolution

## 1-4. Changing the PC Display Settings

If the screen is not properly displayed after connecting the monitor to a PC, follow the procedure below to change the PC display settings.

### ● Windows 10

1. Right-click anywhere on the desktop except for on icons to display the menu.
2. From the displayed menu, click "Display settings" to display the "Settings" screen.
3. If there are multiple monitors including the notebook PC screen connected to the computer, select "Extend these displays" from the "Multiple displays" menu, and click "Keep changes" in the confirmation screen. After changing the settings, select the monitor from the "Select and arrange display" menu.
4. By checking the option "Make this my main display" from the "Multiple displays" menu, the display of the monitor will be corrected.
5. Confirm that the monitor's recommended resolution is set in the "Resolution" menu (the term (Recommended) should be displayed after the resolution).
6. To change the size of letters and icons, select the preferred magnification level from the scaling (%) menu.
7. When after changing these settings a message is displayed that prompts you to sign out, sign out once and then sign in again.

### ● Windows 8.1 / Windows 7

- \* For Windows 8.1, click the "Desktop" tile on the Start Screen to display the desktop.
1. Right-click anywhere on the desktop except for on icons to display the menu.
  2. From the displayed menu, click "Screen resolution" to display the settings screen.
  3. If there are multiple monitors including the notebook PC screen connected to the computer, select "Extend these displays" from the "Multiple displays" menu, and click "Apply". In the confirmation screen, click "Keep changes".
  4. Select the monitor from the "Display" menu, check the option "Make this my main display", and click "Apply". The display of the monitor will be corrected.
  5. Confirm that the monitor's recommended resolution is set in the "Resolution" menu (the term (Recommended) should be displayed after the resolution).
  6. To change the size of letters and icons, click "Make text and other items larger or smaller", select the preferred size from the settings screen, and click "Apply".
  7. When after changing settings a message is displayed that prompts you to sign out or log off, sign out or log off once and then sign in or log on again.

## ● macOS

1. Select "System Preferences" from the Apple menu.
2. When the "System Preferences" panel is displayed, click "Displays".
3. If there are multiple monitors including the notebook PC screen connected to the computer, open the "Arrangement" tab and confirm that "Mirror displays" is not selected. If it is selected, clear it.
4. Select the "Display" tab, and confirm that "Default for display" of "Resolution" is selected. If it is not selected, select it. This sets the correct resolution. Close the "System Preferences" menu. If there are multiple monitors including the notebook PC screen connected to the computer, change the settings for each monitor by using "Display".
5. To select a different resolution, select "Scaled", select a resolution from the resolution list (displayed in list or icon format), and close the panel.


# Chapter 2 Basic Adjustments/Settings

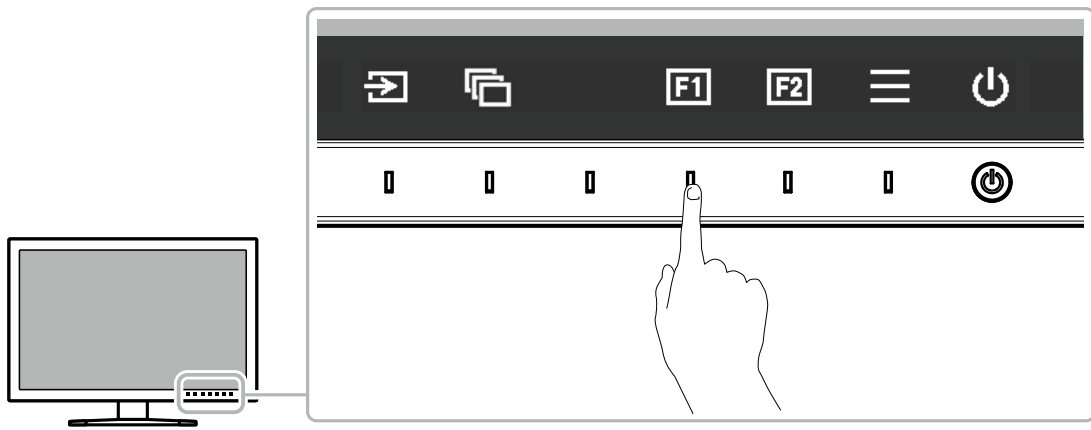
This chapter describes the basic functions that can be set by touching the switches on the front of the monitor.

For advanced adjustment and setting procedures using the Setting menu, see “[Chapter 4 Advanced Adjustments/Settings](#)” (page 21).


## 2-1. Switch Operation Method

### 1. Displaying the operation guide


1. Touch any switch (except  ).  
The operation guide appears on the screen.



### 2. Setting

1. Touch a switch for setting.  
The Setting menu appears.
2. Use the switches to adjust/set the selected item, and then select  to confirm.










### 3. Exiting

1. Select  to exit the menu.

#### Note

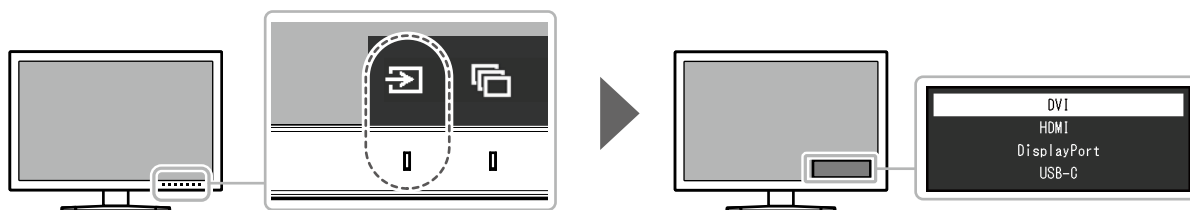
- The contents of the guide will differ depending on the selected menu or status.

## ● Operation Guide Icons

| Icon                                                                              | Description                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------|
|  | Switches the input signal.                      |
|  | Switches the color mode.                        |
|  | Executes the function assigned to Custom Key 1. |
|  | Executes the function assigned to Custom Key 2. |
|  | Displays the Setting menu.                      |
|  | Returns to the previous screen.                 |
|  | Moves the cursor.                               |
|  | Executes the selected operation.                |
|  | Turns the monitor's power on or off.            |

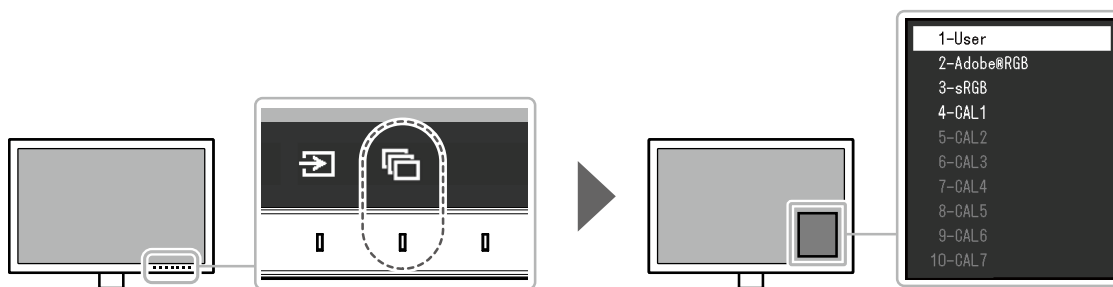
## 2-2. Switching Input Signals

When a monitor has multiple signal inputs, the signal to display on-screen can be changed. Touch any switch, select , and use  or  to select the input signal you want to display.



## 2-3. Switching the Display Mode (color mode)

This function allows easy selection of a display mode according to monitor application. Touch any switch, select , and use  or  to select the color mode you want to use.





## ● Display Modes

| Color Mode                                           | Purpose                                                                                                                                         |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard Mode                                        | Adjust color using the monitor's Setting menu.<br>You can also adjust the monitor's display using color management software "ColorNavigator 7". |
| User                                                 | Select for configuring color settings according to your preference.                                                                             |
| Adobe®RGB                                            | Suitable for color matching with Adobe®RGB compatible peripherals.                                                                              |
| sRGB                                                 | Suitable for color matching with sRGB compatible peripherals.                                                                                   |
| Advanced Mode                                        | Adjusts the monitor's display using the "ColorNavigator 7" color management software.                                                           |
| CAL1<br>CAL2<br>CAL3<br>CAL4<br>CAL5<br>CAL6<br>CAL7 | Displays the screen adjusted by ColorNavigator 7.<br><br><b>Note</b><br>• CAL2 to CAL7 are disabled in the default settings.                    |

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### Note


- Use ColorNavigator 7 to set Advanced Mode (CAL1 to CAL7). These settings cannot be changed in the Setting menu on the monitor.
  - You can set the color mode for each input signal.
  - You can disable specific color mode selections. For more information, see ["Mode Skip" \(page 30\)](#).
-

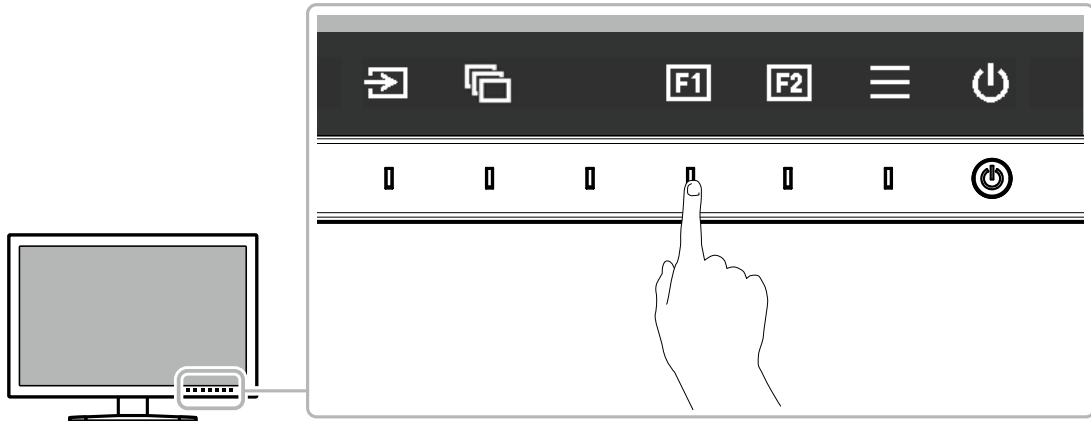
# Chapter 3 Custom Key Settings

You can assign functions to the custom keys to easily start specified functions.  
This chapter describes how to operate the custom keys and how to assign functions to the custom keys.


## 3-1. Basic Operation of the Custom Keys

### 1. Displaying the operation guide

1. Touch any switch (except  ).  
The operation guide appears.



### 2. Execute


1. Select  or  .  
The function assigned to  or  is executed.

#### Note

- If you touch a custom key to which no function has been assigned, the menu for assigning a function to that custom key appears.

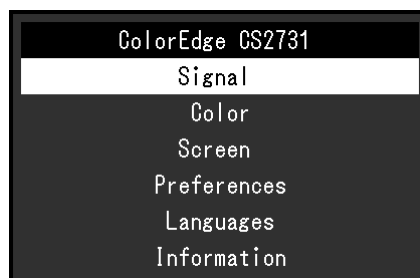
## 3-2. Assigning a Function to a Custom Key

### 1. Displaying the operation guide

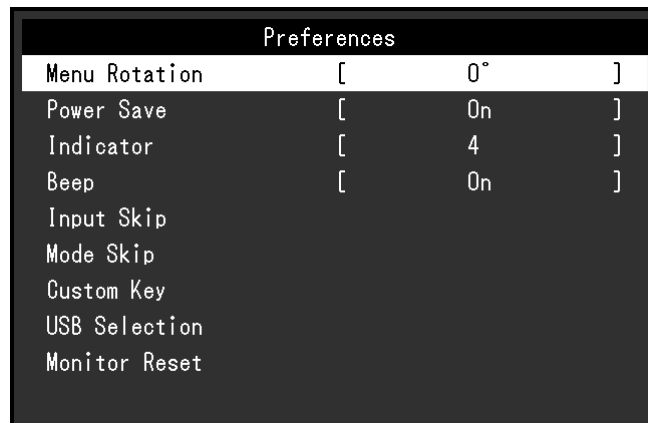
1. Touch any switch (except  ).  
The operation guide appears.

### 2. Setting

1. Select  .  
The Setting menu appears.



- Use **^** **v** to select "Preferences", and then select **✓**.  
The Preferences menu appears.



- Use **^** **v** to select "Custom Key", and then select **✓**.  
The Custom Key menu appears.



- Use **^** **v** to select the custom key to which you want to assign a function, and then select **✓**.  
The menu for assigning a function appears.

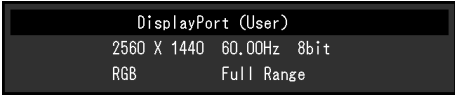


- Use **^** **v** to select the function that you want to assign, and then select **✓**.  
That function is assigned to the custom key.

### 3. Exiting

- Press **×** several times.  
The Setting menu exits.

## ● Functions that can be Assigned to Custom Keys


| Function         | Description                                                                                                                                                                                                                                                                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Off              | Disables the custom key even when it is touched.                                                                                                                                                                                                                                                                                                                      |
| Brightness       | Set the brightness. For more information, see <a href="#">page 25</a> .                                                                                                                                                                                                                                                                                               |
| Prev. Color Mode | You can return to the previous color mode. This is convenient for checking the differences between two color modes.                                                                                                                                                                                                                                                   |
| Information      | <p>You can view the input signal information and color information.<br/>Example:</p>  <p><b>Note</b></p> <ul style="list-style-type: none"> <li>You can check the monitor information under “<a href="#">Information</a>” (<a href="#">page 31</a>) on the Setting menu.</li> </ul> |

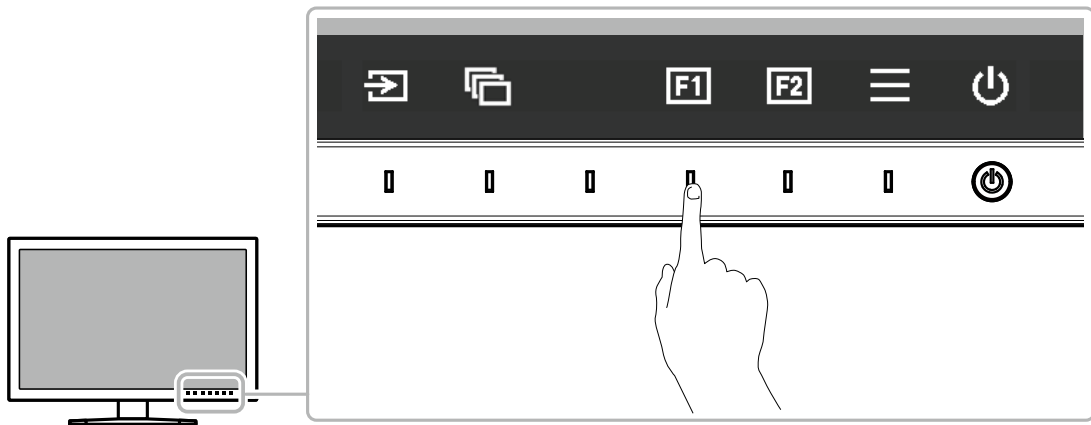
# Chapter 4 Advanced Adjustments/Settings

This chapter describes the advanced monitor adjustment and setting procedures using the Setting menu. For the basic setting functions using the switches on the front of the monitor, see "[Chapter 2 Basic Adjustments/Settings](#)" (page 15).

## 4-1. Basic Operation of the Setting Menu

### 1. Menu display

1. Touch any switch (except  ).  
The operation guide appears.

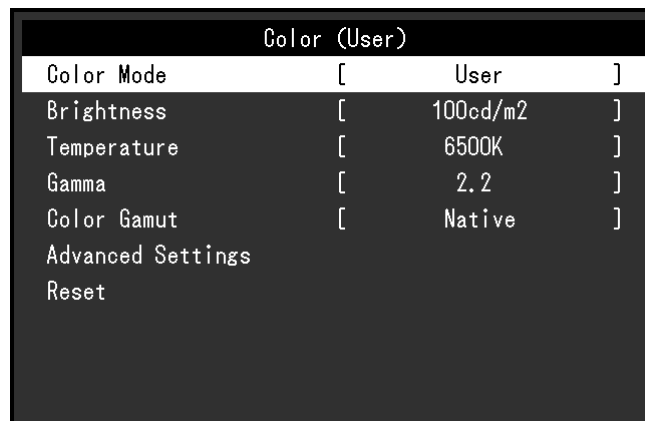


2. Select  .  
The Setting menu appears.



## 2. Adjusting/setting

1. Choose a menu to adjust/set with **▲ ▼**, and then select **✓**.  
The Sub menu appears.



2. Choose an item to adjust/set with **▲ ▼**, and then press **✓**.  
The Adjustment/Setting menu appears.



3. Adjust/set the selected item with **< >**, and then select **✓**.  
The Sub menu appears.

Selecting **✕** during adjustment/setting will cancel the adjustment/setting and restore the state prior to making changes.

## 3. Exiting

1. Select **✕**.  
The Setting menu appears.
2. Select **✕**.  
The Setting menu exits.

---

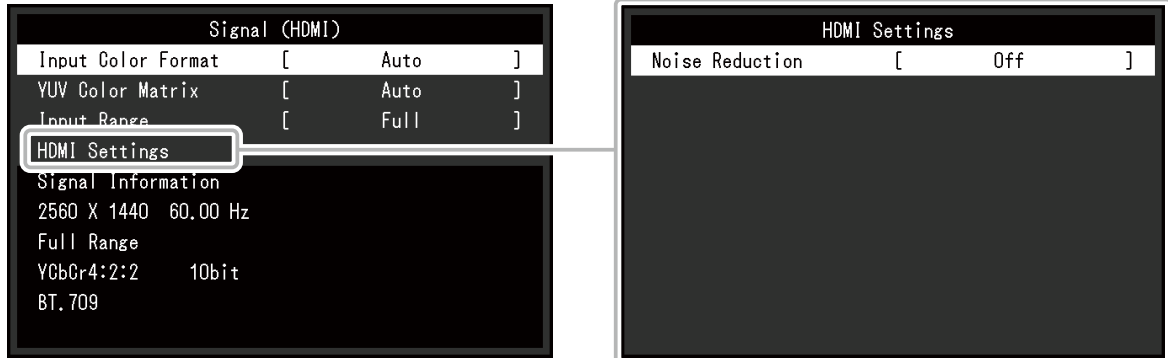
### Note

- The contents of the guide will differ depending on the selected menu or status.
-

## 4-2. Setting Menu Functions

### ● Signal

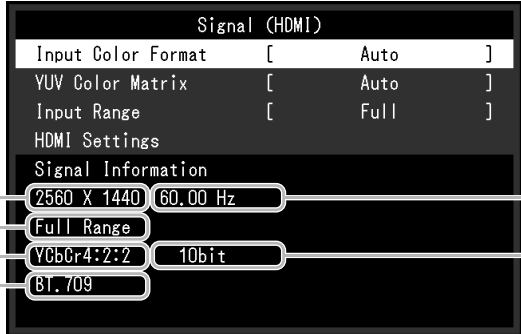
The signal settings are used to configure advanced settings for input signals, such as the screen display size and color format.



| Function           | Settings                                           | Description                                                                                                                                                                                            |
|--------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input Color Format | Auto<br>YUV*1<br>YUV 4:2:2*2<br>YUV 4:4:4*2<br>RGB | The color space of the input signal can be specified.<br>Try changing this setting if colors are not displayed correctly.<br>Normally, select "Auto".<br><b>Note</b><br>• Cannot be set for DVI input. |

\*1 Only enabled during DisplayPort or USB Type-C input

\*2 Only enabled during HDMI input

| Function           |                 | Settings                                                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-----------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| YUV Color Matrix   |                 | Auto<br>BT.601<br>BT.709<br>BT.2020                           | Select the YUV format of the input signal. Use this setting for gradation collapse or other occurrences where the screen is displayed incorrectly because of a problem with the input signal.<br><b>Note</b><br>• Cannot be set for DVI input.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Input Range        |                 | Auto* <sup>1</sup><br>Full<br>Limited (109% white)<br>Limited | Depending on the external device, the black and white levels in the video signal output to the monitor may be restricted. If the signal is displayed on the monitor in its restricted form, the blacks will be faint, the whites dull, and contrast will be reduced. The brightness range of such signals can be extended to match the actual contrast ratio of the monitor.<br>• "Auto"<br>The monitor automatically recognizes the brightness range of input signals and displays images appropriately.<br>• "Full"<br>The input signal brightness range is not extended.<br>• "Limited (109% white)"<br>The brightness range of the input signal is extended from 16 - 254 (10 bits: 64 - 1019) to 0 - 255 (10 bits: 0 - 1023) for display.<br>• "Limited"<br>The brightness range of the input signal is extended from 16 - 235 (10 bits: 64 - 940) to 0 - 255 (10 bits: 0 - 1023) for display. |
| HDMI Settings      | Noise Reduction | On<br>Off                                                     | The small noises that occur in dark areas of an image are reduced. Use this function to reduce noise and roughness in images.<br><b>Note</b><br>• This can only be set when there is HDMI input.<br>• Using the Noise Reduction function may lead to deterioration of fine images.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Signal Information |                 | -                                                             | You can check the information for the input signal. The following information is displayed:<br>1. Resolution<br>2. Vertical scan frequency<br>3. Input range<br>4. Color format<br>5. Color depth<br>6. Colorimetry<br><br><b>Note</b><br>• Some information may not be displayed depending on the input signal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

\*1 Disabled during DVI input



## ● Color

When the screen is displayed in Standard Mode (User / Adobe®RGB / sRGB), you can adjust the color settings of each color mode according to your preference.



### Attention

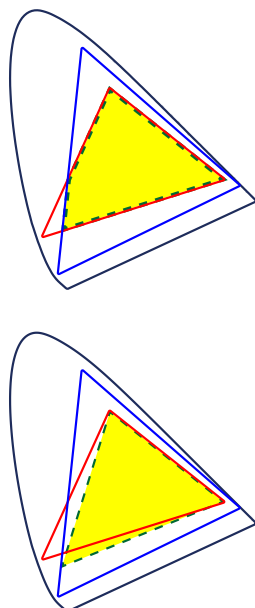
- The same image may be seen in different colors on multiple monitors due to differences between individual monitors. Make fine color adjustment visually when matching colors on multiple monitors.

### Note

- Use the values shown in "cd/m<sup>2</sup>" and "K" as a guide only.

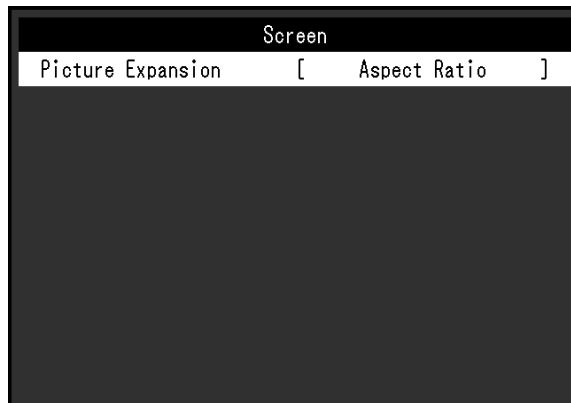
| Function    | Settings                                                                           | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color Mode  | User<br>Adobe® RGB<br>sRGB<br>CAL1<br>CAL2<br>CAL3<br>CAL4<br>CAL5<br>CAL6<br>CAL7 | Switch to the desired mode according to the monitor application.<br><b>Note</b><br><ul style="list-style-type: none"> <li>• For more information on how to switch modes, see "2-3. Switching the Display Mode (color mode)" (page 16).</li> <li>• CAL2 to CAL7 are disabled in the default settings. Refer to "Mode Skip" (page 30) to enable CAL2 to CAL7.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Brightness  | 40 cd/m <sup>2</sup> to<br>400 cd/m <sup>2</sup>                                   | The screen brightness is adjusted by changing the brightness of the backlight (light source from the LCD back panel).<br><b>Note</b><br><ul style="list-style-type: none"> <li>• If a value that cannot be set is selected, the value will appear in magenta. In such a case, change the value.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Temperature | Native<br>4000 K to 10000 K<br>D50<br>D65<br>User                                  | The color temperature can be adjusted.<br>The color temperature is used to express the chromaticity of "White". The value is expressed in degrees "K" (Kelvin).<br>The screen becomes reddish at a low color temperature, and bluish at a high color temperature, like the temperature of a flame.<br><br>Specify a color temperature in units of 100 K, or select a standard name.<br><b>Note</b><br><ul style="list-style-type: none"> <li>• When you select "Native", the original color of the LCD panel (Gain: 100 % for each RGB) is displayed.</li> <li>• "Gain" allows you to perform more advanced adjustment. When gain is changed, the color temperature is changed to "User".</li> <li>• The gain preset values are set for each color temperature setting value.</li> </ul> |

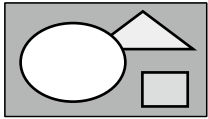
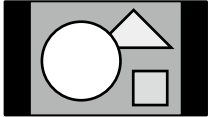

| Function    | Settings                     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gamma       | 1.6 to 2.7<br>sRGB           | <p>Adjust the gamma.</p> <p>The brightness of the monitor varies depending on the input signal, however, the variation rate is not simply proportional to the input signal. The control performed to keep the balance between the input signal and the brightness of the monitor is called "Gamma correction".</p> <p>Set the gamma, or select a standard name.</p>                                                                                                                                        |
| Color Gamut | Native<br>Adobe® RGB<br>sRGB | <p>Set the color reproduction area (color gamut).</p> <p>"Color Gamut" is the range of colors that can be represented. Multiple standards are defined.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>• Select "Native", to display the original color gamut of the monitor.</li> <li>• The method of displaying colors outside the monitor's displayable range within the defined color gamut can be set. For more information, see <a href="#">"Gamut Clipping" (page 27)</a>.</li> </ul> |

| Function          |                | Settings                                                                                                                               | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advanced Settings | Hue            | -100 to 100                                                                                                                            | <p>The hue can be adjusted.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>Using this function may make some color gradations unavailable for display.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                   | Saturation     | -100 to 100                                                                                                                            | <p>The saturation can be adjusted.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>Using this function may make some color gradations unavailable for display.</li> <li>The minimum value (-100) changes the screen to monochrome.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                   | Gamut Clipping | On<br>Off                                                                                                                              | <p>The method of displaying colors outside the monitor's displayable range within the color gamut specified in accordance with "Color Gamut" (page 26) can be set.</p> <ul style="list-style-type: none"> <li>"On" <ul style="list-style-type: none"> <li>The range of colors that are displayable on the monitor will be accurately displayed in accordance with the standard. Colors outside the displayable range will be saturated.</li> </ul> </li> <li>"Off" <ul style="list-style-type: none"> <li>Displays colors with priority on the color gradation rather than the color accuracy. The vertices of the color gamut defined in the standard move to a range that can be displayed by the monitor. This allows the closest colors displayable by the monitor to be displayed.</li> </ul> </li> </ul> <div style="text-align: right;">  </div> <div style="text-align: right; margin-top: 10px;"> <p>— Color gamut displayable by the monitor</p> <p>— Color gamut defined by standard</p> <p>- - - Color gamut displayed on screen</p> </div> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>The diagrams shown above are conceptual diagrams, and they do not display the actual color gamut of the monitor.</li> <li>This setting will be disabled if "Native" is selected at "Color Gamut" (page 26).</li> </ul> |
|                   | Gain           | 0 to 2000                                                                                                                              | <p>The brightness of each color component red, green, and blue is called Gain. The chromaticity of "white" can be changed by adjusting the gain.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>Using this function may make some color gradations unavailable for display.</li> <li>The gain value changes according to the color temperature.</li> <li>When gain is changed, the color temperature is changed to "User".</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 6 Colors          | -100 to 100    | <p>The hue, saturation and lightness (brightness) can each be adjusted for the colors Magenta, Red, Yellow, Green, Cyan, and Blue.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reset             | OK<br>Cancel   | <p>Resets any color adjustment values for the currently selected color mode back to the default settings.</p>                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## ● Screen

Set the screen display size.




| Function          | Settings                                          | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Picture Expansion | Auto<br>Full Screen<br>Aspect Ratio<br>Dot by Dot | <p>The screen size of the monitor display can be changed.</p> <ul style="list-style-type: none"> <li>"Auto"<br/>The monitor automatically changes the screen size according to the resolution information and aspect ratio information from the input signal (only for HDMI input).</li> <li>"Full Screen"<br/>Displays an image in full screen. Images are distorted in some cases because the magnification ratio is not necessarily fixed vertically and horizontally.</li> <li>"Aspect Ratio"<br/>Displays an image in full screen. However, since aspect ratios are maintained, part of an image may not be visible in horizontal or vertical direction.</li> <li>"Dot by Dot"<br/>Displays the image at the set resolution or at the size specified by the input signal.</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>Example settings <ul style="list-style-type: none"> <li>- Full Screen </li> <li>- Aspect Ratio </li> <li>- Dot by Dot (Input Signal) </li> </ul> </li> </ul> |

## ● Preferences

The monitor's settings can be configured to suit the usage environment or personal preference.

| Preferences   |   |      |
|---------------|---|------|
| Menu Rotation | [ | 0° ] |
| Power Save    | [ | On ] |
| Indicator     | [ | 4 ]  |
| Beep          | [ | On ] |
| Input Skip    |   |      |
| Mode Skip     |   |      |
| Custom Key    |   |      |
| USB Selection |   |      |
| Monitor Reset |   |      |

| Function      | Settings  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Menu Rotation | 0°<br>90° | <p>This function allows you to change the orientation of the Setting menu to align with the installation orientation.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>When using the monitor screen in a portrait position, the graphics board supporting portrait display is required. When placing the monitor in a portrait position, settings of your graphics board need to be changed. Refer to the User's Manual of the graphics board for details.</li> <li>When using the monitor in a portrait position, rotate the monitor after pulling up the screen to the uppermost position of the stand and setting the screen tilted upward.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                        |
| Power Save    | On<br>Off | <p>This function allows you to set the monitor to the power saving mode, depending on the state of an external device connected to it.</p> <p>The monitor changes to power saving mode about 15 seconds after signal input ceases to be detected. When the monitor has shifted to power saving mode, images are not displayed on the screen.</p> <ul style="list-style-type: none"> <li>Exiting power saving mode <ul style="list-style-type: none"> <li>If the monitor receives input, it automatically exits power saving mode and returns to the normal display mode.</li> </ul> </li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>At the time of shifting to power saving mode, a message that indicates the transition is displayed 5 seconds in advance.</li> <li>When you are not using the monitor, turn off the main power switch to cut down on power consumption.</li> <li>When the monitor is in power saving mode, devices connected to the USB downstream port will still work. Therefore, power consumption of the monitor varies depending on the connected devices, even in the power saving mode.</li> </ul> |

| Function               |                                     | Settings                                             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                 |                        |       |       |               |
|------------------------|-------------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|------------------------|-------|-------|---------------|
| Indicator              |                                     | Off<br>1 to 7                                        | The brightness of the power switch and the operation switches when the screen is displayed can be set. (Default setting: 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                 |                        |       |       |               |
| Beep                   |                                     | On<br>Off                                            | You can set the beep that sounds each time a switch is operated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |                 |                        |       |       |               |
| Input Skip             |                                     | Skip<br>-                                            | This function allows skipping of input signals that will not be used when the input signals are switched.<br><b>Note</b><br>• Not all input signals can be set to "Skip".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                 |                        |       |       |               |
| Mode Skip              |                                     | Skip<br>-                                            | This function allows skipping of modes that will not be used when selecting modes. Please use this function if display modes are limited, or if you want to prevent randomly changing the display status.<br><b>Note</b><br>• Not all modes can be set to "Skip".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                 |                        |       |       |               |
| Custom Key             | [F1]<br>[F2]                        | Off<br>Brightness<br>Prev. Color Mode<br>Information | You can set the function that is assigned to the [F1] or [F2] switch.<br><b>Note</b><br>• By default, the [F1] switch is set to the "Brightness" function and the [F2] switch is set to "Prev. Color Mode".<br>• Regarding the custom keys, see " <a href="#">Chapter 3 Custom Key Settings</a> " (page 18).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                 |                        |       |       |               |
| USB Selection          | DVI<br>HDMI<br>DisplayPort<br>USB-C | USB-1 (USB-C)<br>USB-2                               | When two PCs are connected to one monitor, you can link the input signal with the USB upstream port. After linking, the USB ports will automatically switch when the input signals switch. When you calibrate one monitor from two PCs, it is not necessary to switch USB cables. It is also possible to connect USB devices such as a mouse or keyboard to the monitor and use them from two PCs. The default settings may differ depending on the input signal.<br><table border="1" data-bbox="783 1267 1361 1386"> <thead> <tr> <th>Input signal</th> <th>Default setting</th> </tr> </thead> <tbody> <tr> <td>DVI, HDMI, DisplayPort</td> <td>USB-2</td> </tr> <tr> <td>USB-C</td> <td>USB-1 (USB-C)</td> </tr> </tbody> </table><br><b>Note</b><br>• When you want to change settings and there is a storage device such as USB memory connected to the monitor, change settings only after you have removed the storage device. In failing to do so, data may be lost or damaged.<br>• You cannot change the keyboard layout.<br>• The USB downstream port works with the PC that is currently being displayed. | Input signal | Default setting | DVI, HDMI, DisplayPort | USB-2 | USB-C | USB-1 (USB-C) |
| Input signal           | Default setting                     |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                 |                        |       |       |               |
| DVI, HDMI, DisplayPort | USB-2                               |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                 |                        |       |       |               |
| USB-C                  | USB-1 (USB-C)                       |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                 |                        |       |       |               |
| Monitor Reset          |                                     | OK<br>Cancel                                         | Restore all settings to their default values except for the following settings.<br>• Settings in the "Administrator Settings" menu<br>• The "USB Selection" item in the "Preferences" menu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                 |                        |       |       |               |

## ● Languages

The display language for menus and messages can be selected.

### Settings

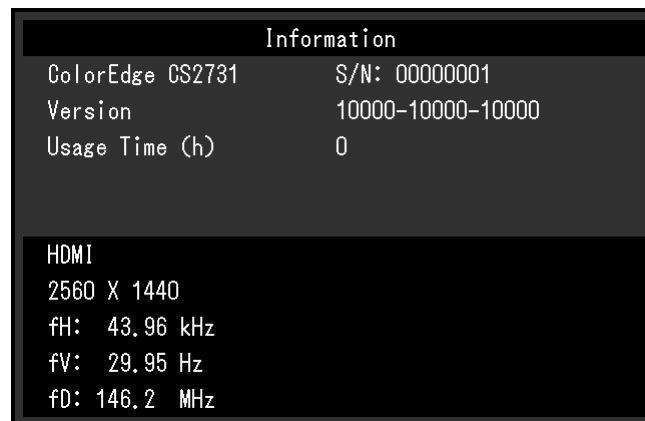
English, German, French, Spanish, Italian, Swedish, Japanese, Simplified Chinese, Traditional Chinese



## ● Information

You can check the monitor information (model name, serial number (S/N), firmware version, usage time) and the input signal information.

Example:




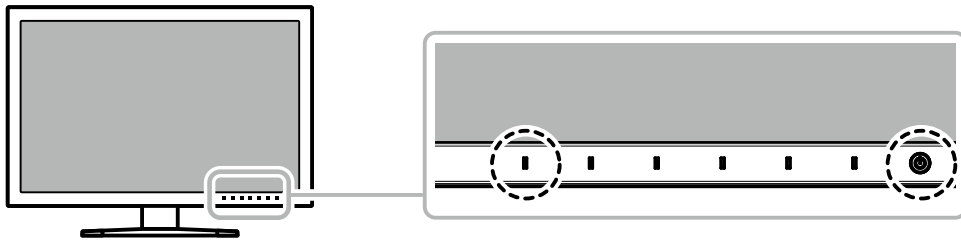
# Chapter 5 Administrator Settings

This chapter describes how to configure monitor operation using the "Administrator Settings" menu.

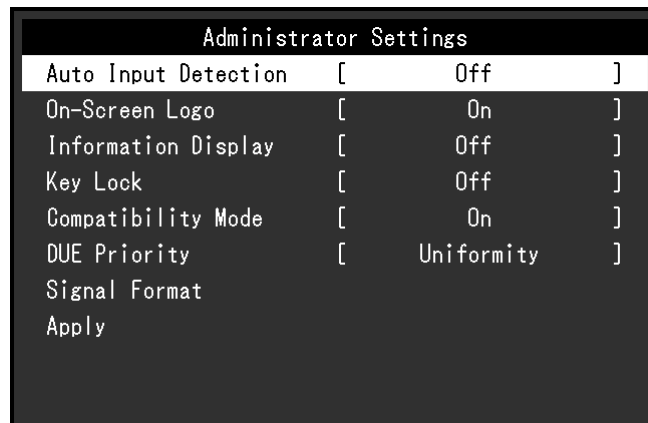
## 5-1. Basic Operation of the "Administrator Settings" Menu

### 1. Menu display




1. Touch  to turn off the monitor.
2. While touching the leftmost switch, touch  for more than 2 seconds to turn on the monitor.

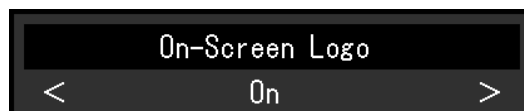


The "Administrator Settings" menu appears.



### 2. Setting

1. Choose an item to set with  , and then select .
- The Adjustment/Setting menu appears.



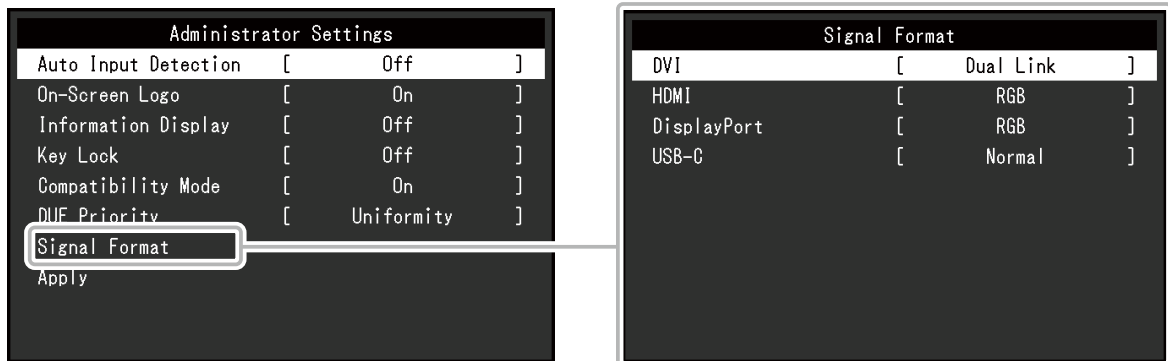
2. Set the item with  , and then select .
- The "Administrator Settings" menu appears.



### 3. Applying and exiting

1. Select "Apply", and then select .
- The settings are confirmed and the "Administrator Settings" menu quits.



## 5-2. "Administrator Settings" Menu Functions



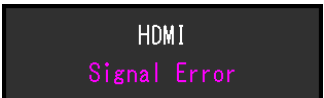



| Function             | Settings           | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Auto Input Detection | Off<br>On          | <p>When this function is set to "On", the monitor automatically recognizes the connector through which signals are input, so that the screen can be displayed. If the input signal for the selected connector is lost, the monitor automatically switches to a different signal.</p> <p>When set to "Off", the monitor displays the signal from the selected connector regardless of whether a signal is input or not. In this case, select the input signal to display using the operation switch (  ) on the front of the monitor.</p> |
| On-Screen Logo       | Off<br>On          | When this function is set to "Off", the EIZO logo that is displayed when the monitor is turned on does not appear.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Information Display  | Off<br>On          | <p>When this function is set to "On", detailed information about the input signal is displayed when the signal or color mode is switched. The following information is displayed:</p> <ul style="list-style-type: none"> <li>• Resolution</li> <li>• Vertical scan frequency</li> <li>• Input range</li> <li>• Color format</li> <li>• Color depth</li> </ul> <p>When set to "Off", detailed information is not displayed when the signal or color mode is switched.</p>                                                                                                                                                     |
| Key Lock             | Off<br>Menu<br>All | <p>In order to prevent changes to settings, the operation switches on the front of the monitor can be locked.</p> <ul style="list-style-type: none"> <li>• "Off" (Default setting)<br/>Enable all switches.</li> <li>• "Menu"<br/>Lock the  switch.</li> <li>• "All"<br/>Lock all switches except the power switch.</li> </ul>                                                                                                                                                                                                            |
| Compatibility Mode   | Off<br>On          | <p>To avoid the following effects, set this function to "On".</p> <ul style="list-style-type: none"> <li>• When you switch the monitor's power back on or return from power saving mode, windows or icons may have shifted position.</li> <li>• The PC's power save function does not operate correctly.</li> </ul>                                                                                                                                                                                                                                                                                                          |

| Function      |             | Settings                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|-------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DUE Priority  |             | Uniformity<br>Brightness | <p>This product is equipped with a Digital Uniformity Equalizer (DUE) function that reduces display unevenness. This DUE setting can be changed.</p> <ul style="list-style-type: none"> <li>"Uniformity"<br/>Prioritizes reduction of display unevenness.</li> <li>"Brightness"<br/>Prioritizes high brightness and high contrast.</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>When changing the DUE setting, the monitor whose display is adjusted must be re-calibrated. Perform the calibration again.</li> </ul> |
| Signal Format | DVI         | Single Link<br>Dual Link | <p>You can switch the signal type that the monitor can display. Try changing this setting if the input signal is not displayed, or if the displayed image does not appear correctly.</p>                                                                                                                                                                                                                                                                                                                                                      |
|               | HDMI        | RGB/YUV<br>RGB           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|               | DisplayPort | RGB/YUV<br>RGB           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|               | USB-C       | Normal<br>Extra          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

# Chapter 6 Troubleshooting

## 6-1. No Picture

| Problem                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Possible cause and remedy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1. No picture</b></p> <ul style="list-style-type: none"> <li>Power indicator does not light up.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Power indicator is lighting white.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Power indicator is lighting orange.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Power indicator is flashing orange and white.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Check whether the power cord is connected properly.</li> <li>Turn on the main power switch on the rear side of the monitor.</li> <li>Touch .</li> <li>Turn off the main power switch on the rear side of the monitor, and then turn it on again a few minutes later.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Increase "Brightness" and/or "Gain" in the Setting menu (see <a href="#">"Color" (page 25)</a>).</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Switch the input signal.</li> <li>Move the mouse or press any key on the keyboard.</li> <li>Check whether the external device is turned on.</li> <li>Turn off the main power switch on the rear side of the monitor, and then turn it on again.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>This problem may occur when an external device is connected via the DisplayPort connector or the USB Type-C connector. Connect via the signal cable specified by EIZO, turn off the monitor, and then turn it on again.</li> </ul>                                                                                                                                                                                                                                                                                                                            |
| <p><b>2. The message below appears.</b></p> <ul style="list-style-type: none"> <li>This message appears when no signal is input.</li> </ul> <p>Example: </p> <hr/> <ul style="list-style-type: none"> <li>The message shows that the input signal is out of the frequency specification range.</li> </ul> <p>Example: </p> <hr/> <ul style="list-style-type: none"> <li>This message appears when an external device connected to the USB Type-C connector does not support video signal output.</li> </ul> <p>Example: </p> | <p>This message appears when the signal is not input correctly even though the monitor is functioning properly.</p> <hr/> <ul style="list-style-type: none"> <li>The message shown left may appear, because some external devices do not output the signal immediately after power-on.</li> <li>Check whether the external device is turned on.</li> <li>Check whether the signal cable is connected properly.</li> <li>Switch the input signal.</li> <li>Turn off the main power switch on the rear side of the monitor, and then turn it on again.</li> <li>Try changing "Signal Format" in the "Administrator Settings" menu (see <a href="#">"Signal Format" (page 34)</a>).</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Check whether the external device is configured to meet the resolution and vertical scan frequency requirements of the monitor (see <a href="#">"1-3. Supported Resolutions" (page 9)</a>).</li> <li>Reboot the external device.</li> <li>Change to the appropriate setting using the graphics board's utility. Refer to the User's Manual of the graphics board for details.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Check whether the signal cable specified by EIZO is connected.</li> <li>Check whether the USB Type-C port of the connected device supports video signal output. For details, contact the manufacturer of the device.</li> <li>Connect a DisplayPort cable, an HDMI cable, or a DVI cable.</li> </ul> |

## 6-2. Imaging Problems

| Problem                                                                                                            | Possible cause and remedy                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. The screen is too bright or too dark.                                                                           | <ul style="list-style-type: none"> <li>Use "Brightness" in the Setting menu to adjust it (see <a href="#">"Color" (page 25)</a>). The LCD monitor backlight has a limited life span. If the screen becomes dark or begins to flicker, contact your local EIZO representative.</li> </ul>                                                                                                                                                           |
| 2. Afterimages appear                                                                                              | <ul style="list-style-type: none"> <li>Afterimages are particular to LCD monitors. Avoid displaying the same image for a long time.</li> <li>Use the screen saver or power saving function to avoid displaying the same image for extended periods of time.</li> </ul>                                                                                                                                                                             |
| 3. Green/red/blue/white dots remain on the screen<br>/ Defective dots remain on the screen                         | <ul style="list-style-type: none"> <li>This is due to LCD panel characteristics and not a malfunction.</li> </ul>                                                                                                                                                                                                                                                                                                                                  |
| 4. Interference patterns or pressure marks remain on the screen.                                                   | <ul style="list-style-type: none"> <li>Display a white or black image over the entire screen. The symptom may disappear.</li> </ul>                                                                                                                                                                                                                                                                                                                |
| 5. Noise appears on the screen.                                                                                    | <ul style="list-style-type: none"> <li>When inputting HDCP system signals, normal images may not be displayed immediately.</li> </ul>                                                                                                                                                                                                                                                                                                              |
| 6. When you switch the power back on or return from power saving mode, windows or icons may have shifted position. | <ul style="list-style-type: none"> <li>In the "Administrator Settings" menu, set "Compatibility Mode" to "On" (see <a href="#">"Compatibility Mode" (page 33)</a>).</li> </ul>                                                                                                                                                                                                                                                                     |
| 7. (DisplayPort / HDMI / USB Type-C input)<br>The screen colors look strange.                                      | <ul style="list-style-type: none"> <li>Try changing "Input Color Format" in the Setting menu (see <a href="#">"Input Color Format" (page 23)</a>).</li> <li>For HDMI signal input, try changing "Signal Format" in the "Administrator Settings" menu (see <a href="#">"Signal Format" (page 34)</a>).</li> </ul>                                                                                                                                   |
| 8. The image does not display on the entire screen.                                                                | <ul style="list-style-type: none"> <li>Try changing "Picture Expansion" in the Setting menu (see <a href="#">"Picture Expansion" (page 28)</a>).</li> <li>Try changing "Signal Format" in the "Administrator Settings" menu (see <a href="#">"Signal Format" (page 34)</a>).</li> <li>Is the resolution set to the recommended resolution (2560 x 1440)? For details on the settings, refer to the User's Manual of the graphics board.</li> </ul> |

## 6-3. Other Problems

| Problem                                                                                                                                 | Possible cause and remedy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. The Setting menu/Mode menu cannot be displayed</b>                                                                                | <ul style="list-style-type: none"> <li>• Check whether the operation switch lock function works (see “<a href="#">Key Lock</a>” (page 33)).</li> <li>• Control switches are locked when the main window of ColorNavigator 7 is displayed. Exit the software.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>2. The monitor connected with the USB cable is not detected. / The peripheral USB device connected to the monitor does not work.</b> | <ul style="list-style-type: none"> <li>• Check whether the USB cable is connected correctly (see “<a href="#">7-5. Making Use of the USB Hub Function</a>” (page 43)).</li> <li>• Check whether the correct USB upstream port is selected (see “<a href="#">USB Selection</a>” (page 30)).</li> <li>• Try changing to a different USB port on the external device.</li> <li>• Try changing to a different USB port on the monitor.</li> <li>• Reboot the external device.</li> <li>• If the peripheral devices work correctly when the external device and peripheral devices are connected directly, contact your local EIZO representative.</li> <li>• Check whether the external device and OS are USB compliant. (For USB compliance of the respective devices, consult their manufacturers.)</li> <li>• Depending on the USB 3.1 host controller that you are using, connected USB devices may not be recognized correctly. Update to the latest USB 3.1 driver provided by each manufacturer, or connect the monitor to the USB 2.0 port.</li> <li>• Check the external device's BIOS setting for USB when using Windows. (Refer to the User's Manual of the external device for details.)</li> </ul> |
| <b>3. Audio is not output.</b>                                                                                                          | <ul style="list-style-type: none"> <li>• This product is not equipped with a speaker.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

# Chapter 7 Reference

## 7-1. Removing the Stand

The stand section of this product can be removed.

**Attention**

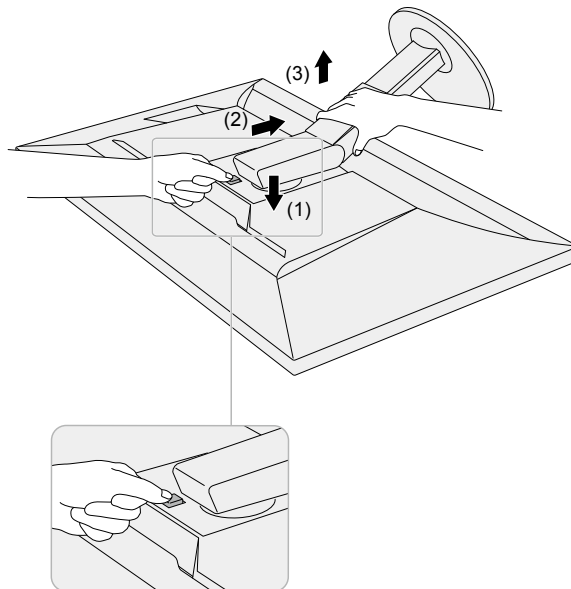
- Do not move the removed stand up and down. Doing so may result in injury or equipment damage.
- Since the monitor and stand are heavy, dropping them may result in injury or equipment damage.

**1. To prevent damaging the panel surface, lay the monitor with its panel surface facing down on a soft cloth spread on a stable surface.**

**2. Remove the stand.**

Press and hold the lock button (1), firmly grip the stand support, and then slide the stand in the direction of the base of the stand (2).

When the tab that holds the stand in place loosens, remove the stand (3).



## 7-2. Attaching the Optional Arm

An optional arm (or an optional stand) can be attached by removing the stand section. Please refer to our web site for the corresponding optional arm (or optional stand). [www.eizoglobal.com](http://www.eizoglobal.com)

### Attention

- When attaching an arm or stand, follow the instructions of their User's Manual.
- When using another manufacturer's arm or stand, confirm the following in advance and select one conforming to the VESA standard. Use the VESA mounting screws supplied with this product when attaching the arm or stand.
  - Clearance between screw holes: 100 mm x 100 mm
  - External dimensions of the VESA mount section of the arm or stand: 122 mm x 122 mm or less
  - Plate thickness: 2.6 mm
  - Must be strong enough to support weight of the monitor unit (excluding the stand) and attachments such as cables.
- When using an arm or stand, attach it to meet the following tilt angles of the monitor.
  - Up 45°, down 45°
- Connect the cables after attaching an arm or stand.
- Since the monitor and arm or stand are heavy, dropping them may result in injury or equipment damage.
- When installing the monitor in portrait mode, turn the monitor screen 90° in clockwise direction.

### Attaching the Optional Arm (or Optional Stand)

#### 1. Attach the arm or stand to the monitor.

Use the VESA mounting screws supplied with this product when attaching the arm or stand.

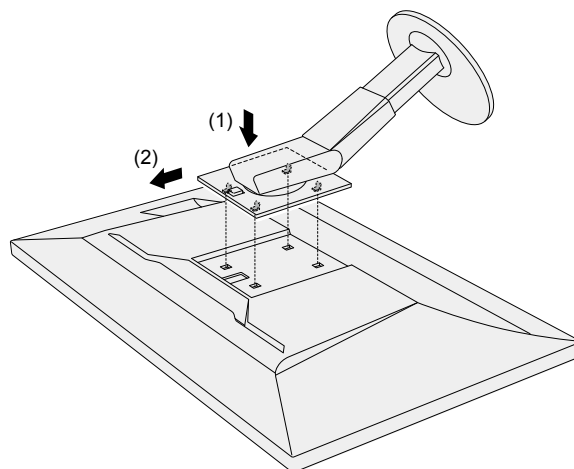
### Attaching the Original Stand

**1. To prevent damaging the panel surface, lay the monitor with its panel surface facing down on a soft cloth spread on a stable surface.**

**2. Remove the fixing screws on the optional arm (or optional stand), and detach the optional arm (or optional stand).**

**3. Attach the original stand.**

Insert the four tabs on the stand into the square holes on the back panel (1) and slide the stand towards the upper portion of the monitor until it makes a clicking sound (2).

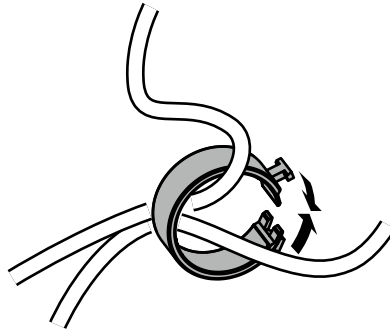


## 7-3. Attaching/Detaching the Cable Holder

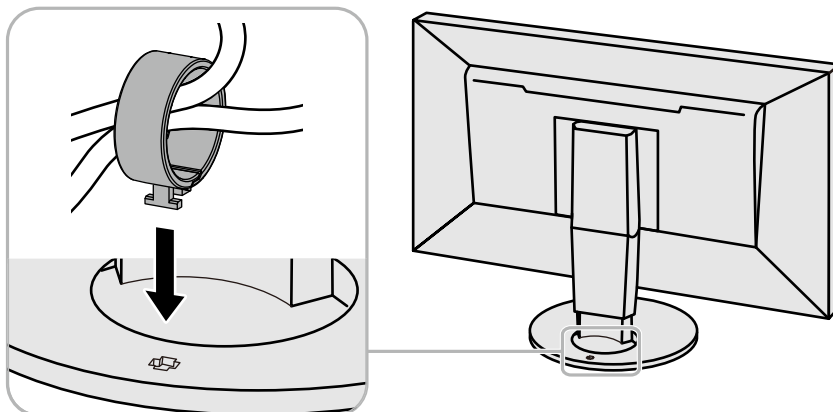
A cable holder is supplied with this product. Use the cable holder to organize the cables connected to the monitor.

### Attachment procedure

1. Pass the cables through the cable holder.
2. Close the cable holder.

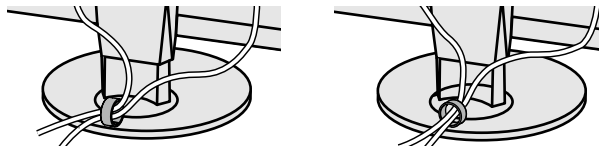


3. In this state, insert the cable holder into the stand.



#### Note

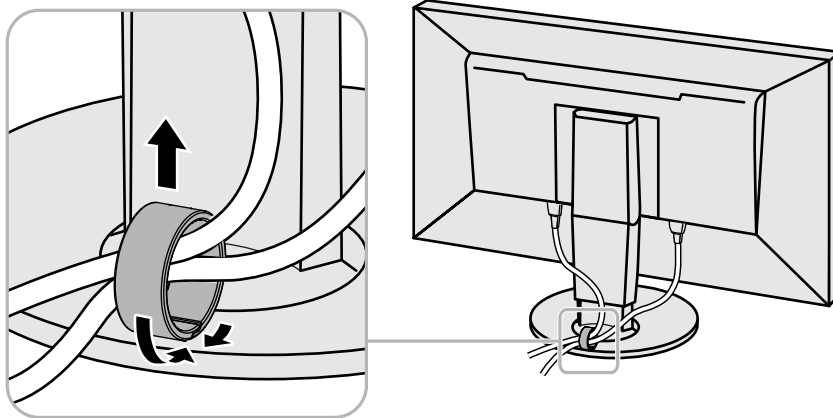
- The cable holder can be inserted either perpendicular or parallel to the stand. Change the orientation of the cable holder in line with the direction of the cables.





## Detachment procedure

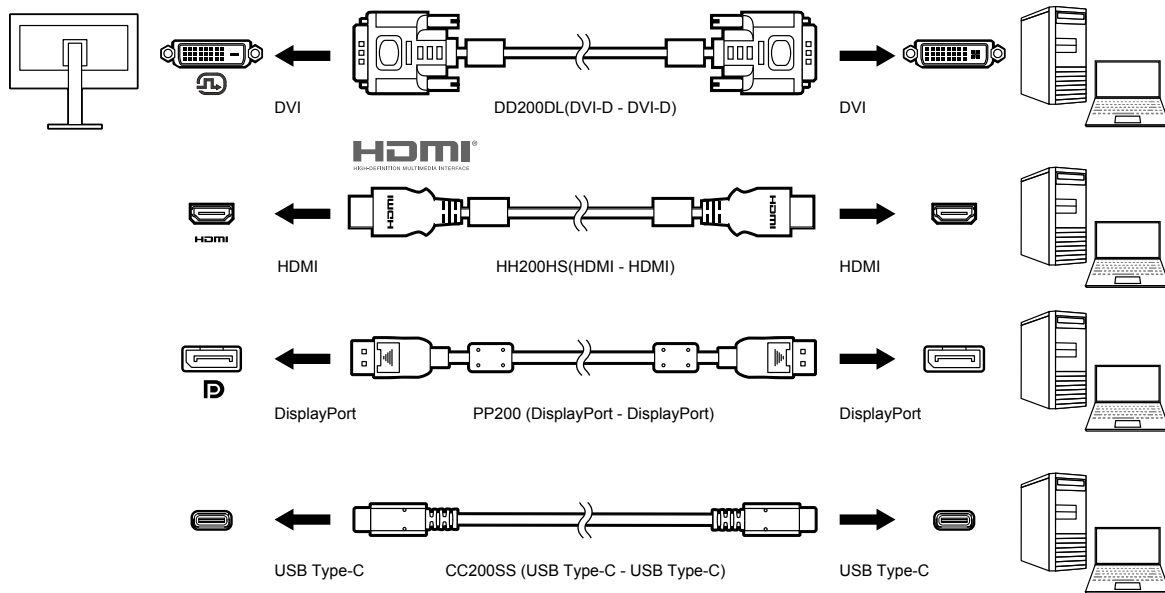
- 1.** Close the cable holder.
- 2.** In this state, pull the cable holder from the stand.




## 7-4. Connecting Multiple External Devices

The product allows you to connect multiple external devices and switch between them for display.

### Connection examples



#### Note

- The input signal changes each time the operation switch (  ) on the front of the monitor is touched. For more information, see ["2-2. Switching Input Signals" \(page 16\)](#).
- The connector through which signals are input is recognized automatically, and images are displayed on the screen accordingly. For more information, see ["Auto Input Detection" \(page 33\)](#).
- When you want to connect a DVI cable, use the designated Dual Link cable. If you use a Single Link cable, the recommended resolution may not be applied.

## 7-5. Making Use of the USB Hub Function

This monitor is equipped with a USB hub. It works as a USB hub when connected to a USB-compatible external device, allowing the connection of peripheral USB devices.

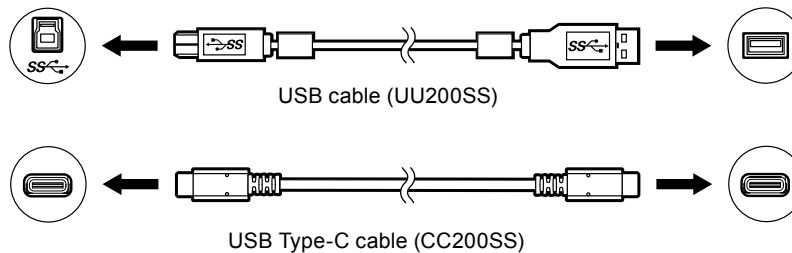
The USB hub function supports both USB cables (UU200SS) and USB Type-C cables (CC200SS).

### ● Connection Procedure

1. Connect the USB cable between the USB downstream port of the external device and the USB upstream port or USB Type-C connector of the monitor.

When connecting to the USB upstream port, use a USB cable.

When connecting to the USB Type-C connector, use a USB Type-C cable.



For the locations of the monitor's USB upstream port and USB Type-C connector, see ["Rear" \(page 8\)](#).

2. Connect the peripheral USB device to the USB downstream port of the monitor.

---

#### Attention

- This monitor may not work depending on the used external device, OS or peripheral devices. For USB compatibility of peripheral devices, contact their manufactures.
- The monitor's USB Type-C connector cannot function as a USB downstream port.
- When the monitor is in power saving mode, devices connected to the USB downstream port will still work. Therefore, power consumption of the monitor varies depending on the connected devices, even in the power saving mode.
- When the main power switch of the monitor is off, a device connected to the USB downstream port will not operate.

---

#### Note

- This product supports USB 3.1 Gen 1. When connecting peripheral devices that support USB 3.1 Gen 1, high-speed data communication is possible (however, only when the USB cable used to connect the external device and peripheral device supports USB 3.1 Gen 1).
-

## 7-6. Specifications

|                     |                                |                                                                                                                                             |                                                                                                                                                                                                                                                                 |
|---------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LCD Panel           | Type                           |                                                                                                                                             | IPS (Anti-Glare)                                                                                                                                                                                                                                                |
|                     | Backlight                      |                                                                                                                                             | Wide color gamut LED                                                                                                                                                                                                                                            |
|                     | Size                           |                                                                                                                                             | 68.5 cm (27.0 inch)                                                                                                                                                                                                                                             |
|                     | Resolution                     |                                                                                                                                             | 2560 dots x 1440 lines                                                                                                                                                                                                                                          |
|                     | Display Size (H x V)           |                                                                                                                                             | 596.7 mm x 335.7 mm                                                                                                                                                                                                                                             |
|                     | Pixel Pitch                    |                                                                                                                                             | 0.233 mm x 0.233 mm                                                                                                                                                                                                                                             |
|                     | Pixel Density                  |                                                                                                                                             | 109 ppi                                                                                                                                                                                                                                                         |
|                     | Display Colors                 |                                                                                                                                             | Approx. 1073.74 million colors (10 bit colors)                                                                                                                                                                                                                  |
|                     | Viewing Angle (H x V, typical) |                                                                                                                                             | 178° / 178°                                                                                                                                                                                                                                                     |
|                     | Contrast Ratio (typical)       |                                                                                                                                             | 1000:1 (When "DUE priority" setting is "Brightness")                                                                                                                                                                                                            |
|                     | Response Time (typical)        |                                                                                                                                             | Black → White → Black: 16 ms<br>Gray-to-gray: 10 ms                                                                                                                                                                                                             |
|                     | Color Gamut Display (typical)  |                                                                                                                                             | Adobe® RGB coverage: 99 %                                                                                                                                                                                                                                       |
| Video Signals       | Input Terminals                |                                                                                                                                             | USB Type-C (DisplayPort Alt Mode, HDCP 1.3 compatible) x 1<br>DisplayPort (HDCP 1.3 compatible) x 1<br>HDMI (HDCP 1.4, Deep Color compatible) *1 x 1<br>DVI (HDCP 1.4 compatible) x 1<br>*1 Not compatible with HDMI CEC function (mutual control function).    |
|                     | Horizontal scan frequency      |                                                                                                                                             | USB Type-C (DisplayPort Alt Mode): 26 kHz to 89 kHz<br>DisplayPort: 26 kHz to 89 kHz<br>HDMI: 15 kHz to 89 kHz<br>DVI: 26 kHz to 89 kHz                                                                                                                         |
|                     | Vertical scan frequency        |                                                                                                                                             | USB Type-C (DisplayPort Alt Mode): 23 Hz to 61 Hz (For 720 x 400: 69 Hz to 71 Hz)<br>DisplayPort: 23 Hz to 61 Hz (For 720 x 400: 69 Hz to 71 Hz)<br>HDMI: 23 Hz to 61 Hz (For 720 x 400: 69 Hz to 71 Hz)<br>DVI: 23 Hz to 61 Hz (For 720 x 400: 69 Hz to 71 Hz) |
|                     | Frame Synchronization mode     |                                                                                                                                             | 23.75 Hz to 30.5 Hz, 47.5 Hz to 61.0 Hz                                                                                                                                                                                                                         |
|                     | Dot clock (Max.)               |                                                                                                                                             | 242 MHz                                                                                                                                                                                                                                                         |
|                     | USB                            | Port                                                                                                                                        | Upstream                                                                                                                                                                                                                                                        |
| Downstream          |                                |                                                                                                                                             | USB Type-A (USB3.1 Gen1) x 2<br>USB Type-A (USB2.0) x 2                                                                                                                                                                                                         |
| Standard            |                                | USB Specification Revision 3.1 Gen 1<br>USB Specification Revision 2.0                                                                      |                                                                                                                                                                                                                                                                 |
| Communication Speed |                                | 5 Gbps (super) <sup>*2</sup> , 480 Mbps (high), 12 Mbps (full), 1.5 Mbps (low)<br>*2 The downstream port (USB 2.0) does not support 5 Gbps. |                                                                                                                                                                                                                                                                 |
| Supply Current      |                                | Upstream                                                                                                                                    | USB Type-C (USB3.1 Gen1): Maximum 60W                                                                                                                                                                                                                           |
|                     |                                | Downstream                                                                                                                                  | USB Type-A (USB3.1 Gen1): Maximum 900 mA per port<br>USB Type-A (USB2.0): Maximum 500 mA per port                                                                                                                                                               |
| Power               |                                | Input                                                                                                                                       |                                                                                                                                                                                                                                                                 |
|                     | Maximum Power Consumption      |                                                                                                                                             | 159 W or less                                                                                                                                                                                                                                                   |
|                     | Power Save Mode                |                                                                                                                                             | 1.0 W or less (Only for DisplayPort input, when "Compatibility Mode" is set to "Off" and no USB device is connected)                                                                                                                                            |
|                     | Standby Mode                   |                                                                                                                                             | 1.0 W or less (When there is no input signal, "Compatibility Mode" is set to "Off", and no USB device is connected)                                                                                                                                             |

|                                                  |                                    |                |                                                       |
|--------------------------------------------------|------------------------------------|----------------|-------------------------------------------------------|
| Physical Specifications                          | Outside Dimensions                 | Minimum Height | 638 mm x 404.1 mm x 265 mm (W x H x D)<br>(Tilt: 0°)  |
|                                                  |                                    | Maximum Height | 638 mm x 570 mm x 269.1 mm (W x H x D)<br>(Tilt: 35°) |
|                                                  | Outside Dimensions (Without Stand) |                | 638 mm x 378.2 mm x 75 mm (W x H x D)                 |
|                                                  | Net Weight                         |                | Approx. 10.1 kg                                       |
|                                                  | Net Weight (Without Stand)         |                | Approx. 6.5 kg                                        |
|                                                  | Height adjustment                  |                | 155 mm (at tilt of 0°) / 145 mm (at tilt of 35°)      |
|                                                  | Tilt                               |                | Up 35°, down 5°                                       |
|                                                  | Swivel                             |                | 344°                                                  |
|                                                  | Vertical rotation                  |                | 90° clockwise                                         |
| Operating Environment Requirements               | Temperature                        |                | 0°C to 35°C                                           |
|                                                  | Humidity                           |                | 20 % to 80 % R.H. (no condensation)                   |
|                                                  | Air Pressure                       |                | 540 hPa to 1060 hPa                                   |
| Transportation/ Storage Environment Requirements | Temperature                        |                | -20°C to 60°C                                         |
|                                                  | Humidity                           |                | 10 % to 90 % R.H. (no condensation)                   |
|                                                  | Air Pressure                       |                | 200 hPa to 1060 hPa                                   |

## ● Accessories

For the latest information about the accessories, refer to our website ([www.eizoglobal.com](http://www.eizoglobal.com)).

# Appendix

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# Information for Radio Interference

For U.S.A., Canada Only

## FCC Supplier's Declaration of Conformity

We, the Responsible Party

EIZO Inc.

5710 Warland Drive, Cypress, CA 90630

Phone: (562) 431-5011

declare that the product

Trade name: EIZO

Model: ColorEdge CS2731

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

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

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Note

Use the attached specified cable below or EIZO signal cable with this monitor so as to keep interference within the limits of a Class B digital device.

- AC Cord
- Shielded Signal Cable (enclosed)

## Canadian Notice

This Class B information technology equipment complies with Canadian ICES-003.

Cet équipement informatique de classe B est conforme à la norme NMB-003 du Canada.

