User's Manual

FlexScan® HD2442W

Color LCD Monitor

Important

Please read PRECAUTIONS, this User's Manual and Setup Manual (separate volume) carefully to familiarize yourself with safe and effective usage.
Please retain this manual for future reference.

The latest User's Manual is available for download from our site:
http://www.eizo.com

Notice for this monitor

CONTENTS

Chapter 1 Features and Overview

1-1 Features
1-2 Names of Switches
1-3 Operation Switch Usage
1-4 Functions of Remote Control Buttons
1-5 Functions and Basic Operation

Chapter 2 Settings and Adjustment

2-1 Input Signal Switching
2-2 Screen Adjustment
2-3 Color Adjustment
2-4 Sound Adjustment
2-5 Auto Screen Size Changing
2-6 Screen Ratio Changing
2-7 Monitor Power-saving Mode Setting
2-8 Power Indicator/EIZO Logo Display Setting
2-9 Beeper Setting
2-10 Information Checking
2-11 Language Setting to be displayed
2-12 Locking Switches
2-13 Resumption of Default Settings

Chapter 3 Troubleshooting

Chapter 4 Reference

4-1 Attaching an Arm
4-2 Specifications
4-3 Glossary
4-4 Preset Timing

How to Use Remote Control

The following setting and adjustments are available with remote control. For the details on the usages, please read the Remote Control Guide (separate volume).
- Off Timer Setting
- Color Mode Changing
- Screen Size Changing
- (When displaying game images)
  Screen Size Changing/"Thru Mode" Setting
- USB Setting Changing
- Volume Adjustment/Muting
- Input Signal Switching
- PinP (Picture in Picture) Display

How to Setup

Please read the Setup Manual (separate volume).

EIZO®

As an ENERGY STAR® Partner, EIZO NANAO CORPORATION has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Using the special functions, such as screen size change (ex. changing the horizontal and vertical ratio of images input) for commercial purposes or for the purpose of showing in public may violate copyright laws.

Product specification may vary with sales areas.
Confirm the specification in the manual written in language of the region of purchase.

Copyright© 2008 EIZO NANAO CORPORATION All rights reserved.

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 NANAO CORPORATION.
EIZO NANAO CORPORATION is under no obligation to hold any submitted material or information confidential unless prior arrangements are made pursuant to EIZO NANAO 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.

ENERGY STAR is a U.S. registered mark.
Apple and Macintosh are registered trademarks of Apple Inc.
VGA is a registered trademark of International Business Machines Corporation.
VESA is a registered trademark of Video Electronics Standards Association.
Windows and Xbox 360 are registered trademarks of Microsoft Corporation.
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
PowerManager is a trademark of EIZO NANAO CORPORATION.
FlexScan, ScreenManager and EIZO are registered trademarks of EIZO NANAO CORPORATION in Japan and other countries.

Notice for this monitor

This product is suited to creating documents, viewing multimedia content, and other general purposes.

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.

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

The specifications noted in this manual are only applicable for power cords and signal cables specified by us.

Use optional products manufactured or specified by us with this product.

As it takes about 30 minutes for the performance of electrical parts to stabilize, adjust the monitor 30 minutes or more after the monitor power has been turned on.

In order to suppress the luminosity change by long-term use and to maintain the stable luminosity, use of a monitor in lower brightness is recommended.

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 timer to avoid displaying the same image for extended periods of time.

Periodic cleaning is recommended to keep the monitor looking new and to prolong its operation lifetime.
(Refer to "Cleaning" on the next page.)

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

The backlight of the LCD panel has a fixed life span. When the screen becomes dark or begins to flicker, please contact your dealer.

Do not press on the panel or edge of the frame strongly, as this may result in the display malfunction, such as the interference patterns, etc. If pressure is continually applied to the LCD panel, it may deteriorate or damage your LCD panel. (If the pressure marks remain on the LCD panel, leave the monitor with a white or black screen. The symptom may disappear.)

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

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

Cleaning

Attention

- Never use any solvents or chemicals, such as thinner, benzene, wax, alcohol, and abrasive cleaner, which may damage the cabinet or LCD panel.

NOTE

- Optional ScreenCleaner is recommended for cleaning the panel surface.

[LCD Panel]

- Clean the LCD panel with a soft cloth such as cotton cloth or lens cleaning paper.
- Remove persistent stains gently with a cloth dampened with a little water, and then clean the LCD panel again with a dry cloth for better finishing.

[Cabinet]

Clean the cabinet with a soft cloth dampened with a little mild detergent.

To use the monitor comfortably

- 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.

CONTENTS

Notice for this monitor 3

Cleaning 4

To use the monitor comfortably 4

Chapter 1 Features and Overview 6

1-1 Features 6

1-2 Names of Switches 8

1-3 Operation Switch Usage 9

1-4 Functions of Remote Control Buttons 10

1-5 Functions and Basic Operation 11

Chapter 2 Settings and Adjustment 14

2-1 Input Signal Switching 14

- To switch the input signal for the desired image sent from the equipment [Input Selection] 14

2-2 Screen Adjustment (Only for analog input signal from a PC) 15

2-3 Color Adjustment 19

Simple Adjustment 19

- To select the color mode [Color Mode] 19

Advanced Adjustment 20

- To adjust/set Color Mode 20
- Adjustment items 21

2-4 Sound Adjustment 23

- To adjust [Treble/Bass/Balance/Sound Level] .. 23

2-5 Auto Screen Size Changing(HDMI input signal only) 24

- To change the screen size automatically according to the aspect information of the input signal [Auto Screen Size] 24

2-6 Screen Ratio Changing(HDMI input signal only) 24

- To change the display range of the input image [Screen Ratio] 24

2-7 Monitor Power-saving Mode Setting 25

- To set the resume conditions from the power-saving mode [Signal Detection] 25

2-8 Power Indicator/EIZO Logo Display Setting 26

- To turn off the power indicator while a screen is displayed [Power Indicator] 26
- To set EIZO logo display/no EIZO logo display when the monitor turns on [EIZO Logo Appearing Function] 26

2-9 Beeper Setting 26

- To set the beeper [Beep] 26

2-10 Information Checking 27

- To check settings, usage time, etc. [Information] 27

2-11 Language Setting to be displayed 27

- To set the language displayed in the menu [Language] 27

2-12 Locking Switches 28

- To lock the available functions [Operation Lock] 28

2-13 Resumption of Default Settings 28

- To reset the color adjustment [Reset] 28
- To reset all settings [Reset] 28

Chapter 3 Troubleshooting 29

- Messages List 33

Chapter 4 Reference 34

4-1 Attaching an Arm 34

4-2 Specifications 35

4-3 Glossary 39

4-4 Preset Timing 41

Chapter 1 Features and Overview

Thank you very much for choosing an EIZO color LCD monitor.

1-1 Features

- 24” wide format LCD with Video signal input connector
- Resolution 1920 dots × 1200 lines
- Equipped with the ContrastEnhancer and OutlineEnhancer functions
- Equipped with PinP (Picture in Picture) function
- Enable to adjust the screen brightness automatically corresponding to the brightness of the image and the environment
- Equipped with the specialized functions for displaying of game images (color mode, screen size and “Thru Mode”)
- Employing the slide bar and realizing the excellent operability
- The ArcSwing 2 Stand enables to adjust the monitor height and monitor angle freely
- Remote control enables to operate, set, and adjust the monitor easily
- Equipped with the Utility Software, “ScreenManager Pro for LCD (Windows)”, which is operated via a keyboard or a mouse

NOTE

- The stand of the unit can be replaced with an arm or another stand. (Refer to “4-1 Attaching an Arm” on page 34.)
- About the remote control operation, refer to “Remote Control Guide”.

[Applicable to PC signal input]

- DVI-D connector × 1, D-Sub mini 15-pin connector × 1 (two input connectors)
- Horizontal scan frequency and Vertical scan frequency are as follows:

Horizontal scan frequency	Digital input signal	31.5 - 76 kHz: each preset signal ±1 kHz
	Analog input signal	31.5 - 80 kHz: each preset signal ±1 kHz
Vertical scan frequency	Digital input signal	59 - 61 Hz: each preset signal ±1 Hz (VGA TEXT: 69 - 71 Hz) (49 - 51 Hz is also available@720p/1080p*)
	Analog input signal	55 - 76 Hz: each preset signal ±1 Hz (49 - 51 Hz is also available@720p/1080p*)

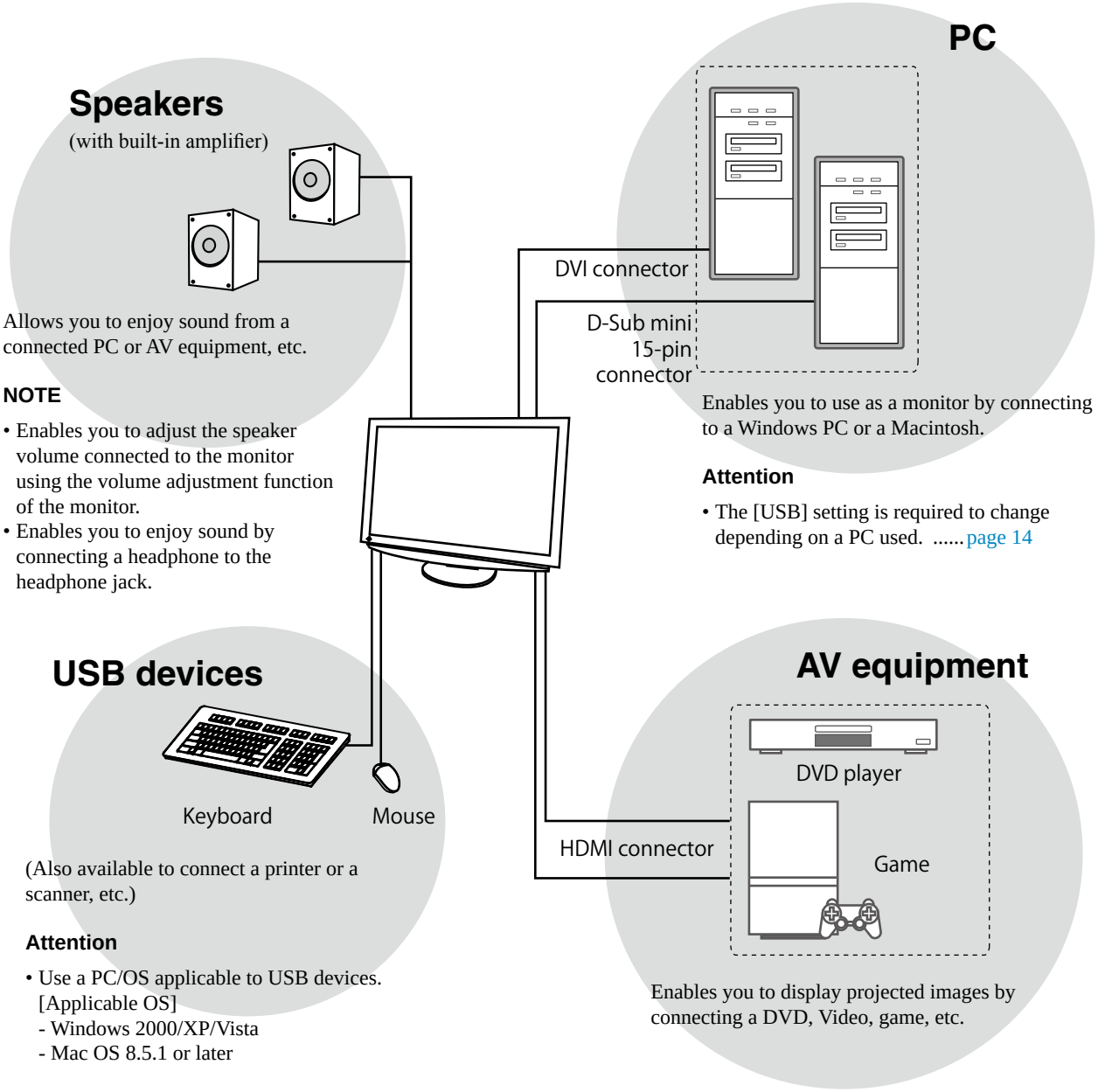
* For some AV equipments such as Microsoft Xbox 360

- Compliance with frame synchronization mode (49.60 - 50.40 Hz, 59.50 - 60.50 Hz)
- Equipped with USB ports (Upstream × 2, Downstream × 2)
- Compliance with DVI digital input signal (HDCP)
- Equipped with USB audio function
- Enable to use connected USB devices on two PCs

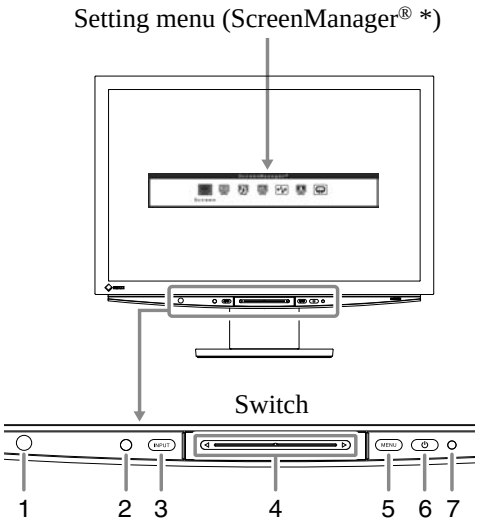
[Applicable to Video signal input]

- HDMI connector × 2 (two input connectors)

Connecting to peripheral devices equipment



1-2 Names of Switches



1. Remote control detector
2. Sensor (Detects the environmental brightness.)
3. Input Signal Selection switch (INPUT)
4. Slide bar
5. Menu switch (MENU)
6. Power switch (⏻)
7. Power indicator

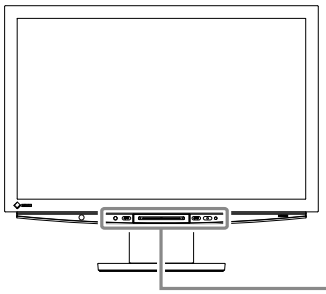
Indicator status	Operation status
Blue	The screen is displayed
Orange	Power saving
Off	Power off

* ScreenManager ® is an EIZO's nickname of the Setting menu.
(In this manual, the setting/adjustment item names in the Setting menu are put in angle brackets < >. ex.: <Color>)

NOTE

- As well as touching ⏻, if you touch the MENU, INPUT or slide bar, the monitor turns on.
- While the screen is displayed, the power indicator that is lighting blue can be turned off (see "To turn off the power indicator while a screen is displayed" on page 26).

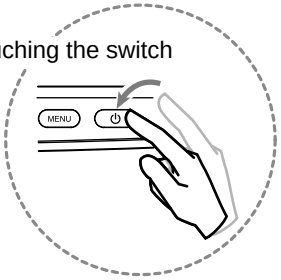
1-3 Operation Switch Usage



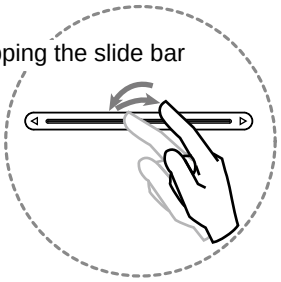
NOTE

- There are three methods of operation:

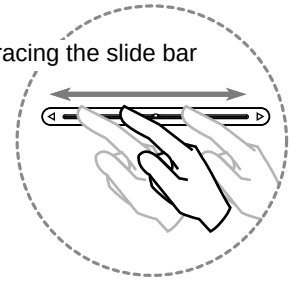
- Touching the switch



- Tapping the slide bar



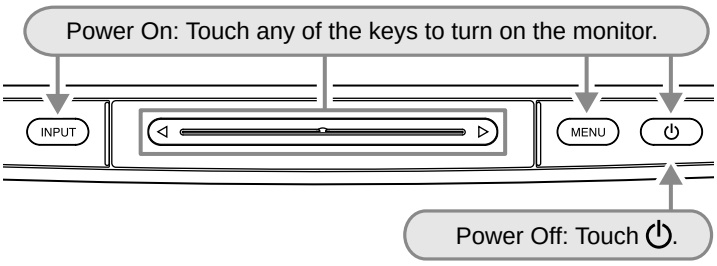
- Tracing the slide bar



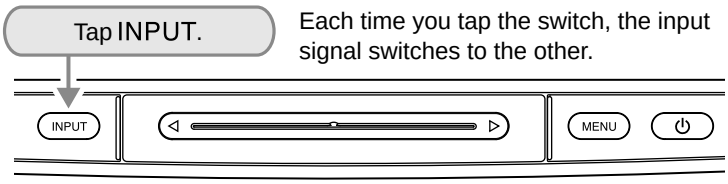
- The operations with the slide bar (selecting, setting, adjusting, fixing and deciding items) can be performed with the remote control.

* When the signal is not input, even if the contents of the menu have been changed, the menu of “Volume” is displayed.

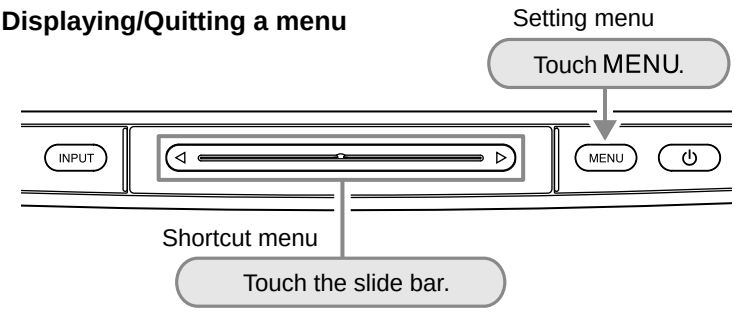
■ Turning the power On/Off



■ Switching the Input Signal



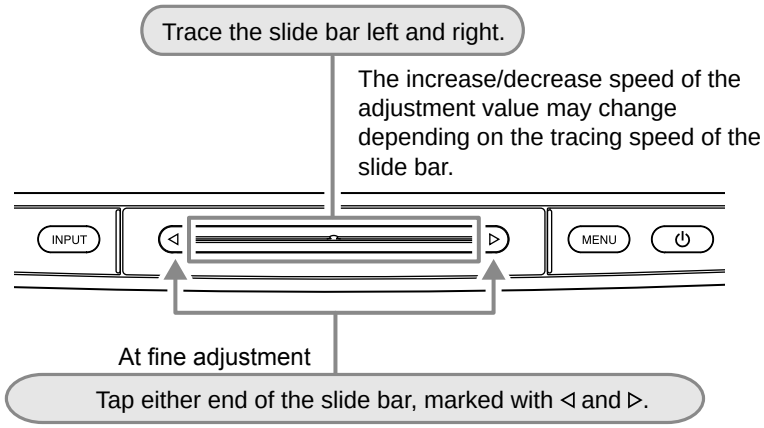
■ Displaying/Quitting a menu



(When the menu is not displayed on the screen)

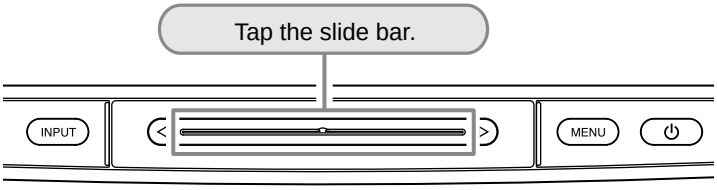
By touching the switch for 5 seconds, the contents of the menu changes as follows: "Volume" → (touching for 5 seconds) → "Color Mode" →(touching for 5 seconds) → "Brightness".*

■ Selecting a menu item Setting and Adjusting

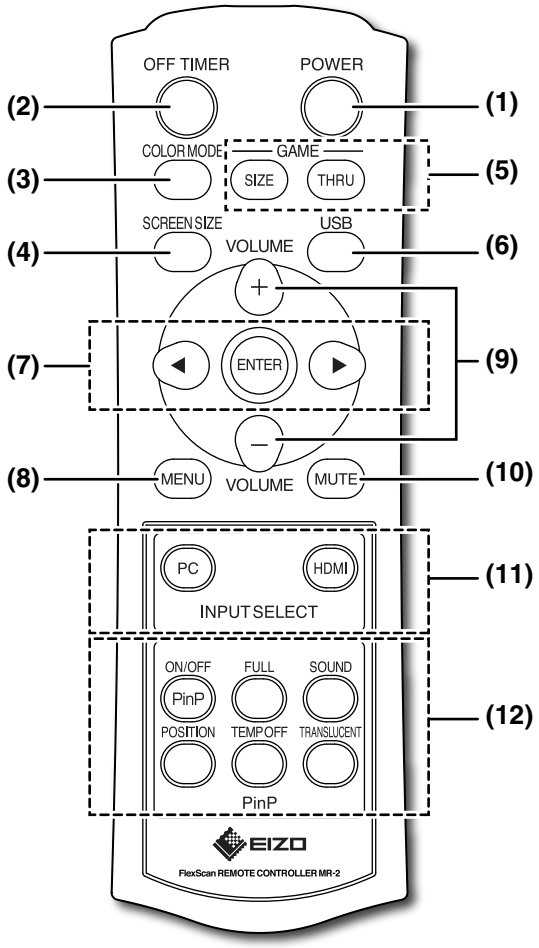


Tapping once changes the adjustment value to one step up or down.
Touching the slide bar continuously may change the value serially.

■ Fixing an item Deciding the setting and adjusting value



1-4 Functions of Remote Control Buttons



Button		Function
1	POWER	Turns the power on or off
2	OFF TIMER	Sets the time until the monitor power-off
3	COLOR MODE	Changes the color mode
4	SCREEN SIZE	Changes the screen size
5	GAME	Use when displaying the game images (for HDMI input signal)
	SIZE	Changes the screen size
	THRU	Changes to “Thru Mode” (minimizes the delay of screen display)
6	USB	Changes the USB setting when the PC is used
7	◀ / ▶ / ENTER	Use to select the item, and decide the setting and the adjusting value in each menu
8	MENU	Displays/Quits the Setting menu
9	VOLUME	Adjusts the volume
10	MUTE	Mutes sound temporarily
11	INPUT SELECT	Switches the input signal
	PC	PC 1/PC 2
	HDMI	HDMI 1/HDMI 2
12	PinP	Use for PinP display mode
	ON/OFF	Turns PinP display on or off
	FULL	Displays the Sub-Window in full screen
	SOUND	Changes the output sound (Main Window, Sub-Window or both of Main Window and Sub-Window)
	POSITION	Changes the Sub-Window position
	TEMP OFF	Hides the Sub-Window display temporarily
	TRANSLUCENT	Sets the translucent level for Sub-Window

NOTE

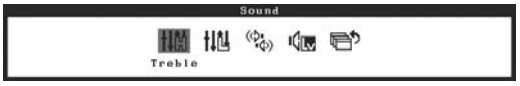
- For the details, refer to “ Remote Control Guide”.

1-5 Functions and Basic Operation

To adjust the screen, color and volume

Setting menu
(As for the menu operation, refer to page 13.)

Sound Adjustment Page 23



Sound menu

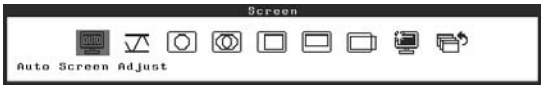
- To adjust [Treble / Bass / Balance / Sound Level]

- [ ] stands for the function name.
- Settable functions differ depending on the input signal.
  (Refer to “Setting menu list” on page 37.)

(Only for analog input signal from PC: PC 2 Input)

1 Screen Adjustment

Page 15



Screen menu

- Adjusting the screen automatically
  [Auto Screen Adjust]

2 Advanced Screen Adjustment

- To eliminate vertical bars
  [Clock] ..... see page 16
- To remove flickering or blurring
  [Phase] ..... see page 17
- To correct screen position
  [Hor.Position] ..... see page 17
  [Ver.Position] ..... see page 17
- To set when the image is not displayed with proper resolution [Resolution] ..... see page 30
- To adjust color gradation automatically
  [Auto Range Adjust] ..... see page 18
- To set when noise appears on the screen
  [Signal Filter] ..... see page 31

Color Adjustment (Simple Adjustment) Page 19

Color menu

- To select the color mode [Color Mode]

Color Adjustment (Advanced Adjustment) Page 20

- [Brightness / Black Level / Contrast / Saturation / Hue / Temperature / OutlineEnhancer / ContrastEnhancer / Gain / Gamma / Noise Filter / I/P Conversion] can be set for each mode. Settable functions vary with the display mode.

Resumption of Default Settings

- To reset the color adjustment
  [Reset] ..... see page 28

To make useful settings/adjustments

Setting menu
(As for the menu operation, refer to page 13.)

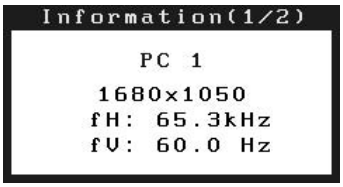
Resumption of Default Settings

Page 28

- To reset all settings [Reset]

Information Checking

Page 27



Information menu

- To check settings, usage time, etc. [Information]

USB Setting Changing

Page 14

USB menu

- To change the setting according to the PC used (when USB is connected) [USB]

Monitor Settings menu

Language Setting to be displayed

- To set the language displayed in the menu [Language] ..... see page 27

Adjusting the Brightness automatically

- To adjust the screen brightness automatically corresponding to the brightness of the image and the environment [BrightRegulator] ..... see page 22

Monitor Power-saving Mode Setting

- To set the resume conditions from the power-saving mode [Signal Detection]..... see page 25

Power Indicator Setting

- To turn off the Power indicator while a screen is displayed [Power Indicator] ..... see page 26

Beeper Setting

- To set the beeper [Beep]..... see page 26

Auto Screen Size Changing

- To change the screen size automatically according to the aspect information of the input signal [Auto Screen Size] ..... see page 24

Screen Ratio Changing

- To change the display range of the input image [Screen Ratio] ..... see page 24

Color Space Setting

- To set when the image color is not displayed correctly [Color Space] ..... see page 32

Field Rate Setting

- To select the setting according to the area where the monitor is used [Field Rate] ... see page 32

EIZO Logo Display Setting

Page 26

- To set EIZO logo display/no EIZO logo display when the monitor turns on [EIZO Logo Appearing Function]

Locking Switches

Page 28

- To lock the available functions [Operation Lock]

- [ ] stands for the function name.
- Settable functions differ depending on the input signal.
  (Refer to “Setting menu list” on page 37.)

To make useful settings/adjustments (Continued)

The following settings and adjustments are available with the remote control. For the details on the function, refer to "Remote Control Guide".

Off Timer Setting

- To set the time until the monitor power-off [OFF TIMER]

Color Mode Changing

- To change the display mode according to the monitor usage [COLOR MODE]

Screen Size Changing

- To change the screen image/projected image size appearing on the screen [SCREEN SIZE]

Game Image Display Setting

- To change the image size that is displayed on the screen [SIZE]
- To change the mode to "Thru Mode" (minimizes the delay of screen display) [THRU]

- [ ] stands for the button name on the remote control.

USB Setting Changing

- To change the setting according to the PC used (when USB is connected) [USB]

Volume Adjusting

- To turn the volume up/down [VOLUME (+/-)]
- To mute the sound temporarily [MUTE]

Input Signal Switching

- To switch the input signal according to the device that you want to display [PC/HDMI]

PinP (Picture in Picture) Display

- To display the PC input signal screen (Main Window) and HDMI input signal screen (Sub-Window) on the monitor simultaneously [ON/OFF]
- To display the Sub-Window in full screen [FULL]
- To select the output sound [SOUND]
- To change the Sub-Window position [POSITION]
- To hide the Sub-Window display temporarily [TEMP OFF]
- To set the translucent level for Sub-Window [TRANSLUCENT]

Basic operation of the Setting menu

[Displaying the Setting menu and selecting function]

(1) Touch MENU of the operation switch. The Main menu appears.
(2) Trace the slide bar left and right to select the function and tap the slide bar. The Sub menu appears.
(3) Trace the slide bar left and right to select the function and tap the slide bar. The setting/adjustment menu appears.
(4) Trace the slide bar left and right to set/adjust the monitor and tap the slide bar. The setting/adjustment value is saved.

[Quitting the Setting Menu]

(1) Touch MENU. The Setting menu quits.

NOTE

• Some menus may not have a sub-menu.

Chapter 2 Settings and Adjustment

2-1 Input Signal Switching

● To switch the input signal for the desired image sent from the equipment [Input Selection]

[Procedure]

(1) Tap INPUT of the operation switch.

Each time you tap the switch, the input signal switches as below.
PC1 → PC2 → HDMI1 → HDMI2 → PC1.....

NOTE
- The input signal can be switched with the remote control. (Refer to “Remote Control Guide”.)
- Touching the switch during PinP display switches the input signal of the Sub-Window.

■ When connecting a PC with USB connection [USB]

Change the [USB] setting according to the input signal of the PC used.

Settings	Using status
PC 1 (Digital signal)	When using PC 1.
PC 2 (Analog signal)	When using PC 2.

[Procedure]

(1) Choose the <USB> icon in the Setting menu and tap the slide bar.

The <USB> menu appears.

(2) Trace the slide bar left and right to select either “PC 1” or “PC 2” and tap the slide bar.

The USB setting is completed.

[When the following message appears]
When the following message appears, “If the USB setting is changed, the USB connection to the selected PC will be lost. Do you change the setting?” confirm on the right (for changing the USB setting) to proceed the step 3.

(3) Trace the slide bar left and right to select “Yes” and tap the slide bar.

The USB setting is completed.

Attention
- If the [USB] setting is not set properly, the USB devices connected to the monitor may not work or no sound may come out from the speakers.
- Please note the following when changing the setting.
  - When connecting a memory device such as a USB memory to the monitor, the data may be lost and damaged. Be sure to change the USB setting after removing the memory device.
  - When an application such as a sound playback, etc. works, the sound may not output if the setting is returned to the original. Be sure to change the USB setting after exiting from the application.

NOTE
- The USB setting can be changed with the remote control. (Refer to “Remote Control Guide”.)

2-2 Screen Adjustment (Only for analog input signal from a PC)

The monitor screen adjustment is used to suppress flickering of the screen or adjust screen position and screen size correctly according to the PC to be used. To use the monitor comfortably, adjust the screen when the monitor is set up for the first time or when the settings of the PC in use are updated. No adjustment is required when the image appears correctly.

The Auto Screen Adjust function works in the following cases:

- **When a signal is input into the monitor for the first time.**
- **When a signal is input into the monitor for the first time after the resolution or refresh rate of input signals is changed.**

NOTE

- When digital input signals are used, images are displayed correctly based on the preset data of the monitor. No screen adjustment is required.

Attention

- The Auto Screen Adjust function does not work for the input signal of low resolution, such as VGA, etc.
- Wait 30 minutes or more from monitor power on before starting the color adjustment.

[Adjustment Procedures]

1 Perform the auto screen adjustment.

- **To adjust flickering, screen position, and screen size automatically [Auto Screen Adjust]**

  (1) Choose the <Screen> icon in the Setting menu and tap the slide bar.
  The <Screen> menu appears.

  (2) Choose the <Auto Screen Adjust> icon in the <Screen> menu and tap the slide bar.
  "Your current setting will be lost, if you perform "Auto Screen Adjust". Do you continue?" appears on the screen.

  (3) Trace the slide bar left and right to select "Yes" and tap the slide bar.
  The Auto Screen Adjust function is activated and the clock, phase and screen position are adjusted automatically.

Attention

- This function works correctly when an image is fully displayed over the Windows or Macintosh display area. It does not work properly when an image is displayed only on a part of the screen (DOS prompt window, for example) or when a black background (wallpaper, etc.) is in use.
- The Auto Adjust function may not work properly with some graphics boards.

NOTE

- When the screen image is not displayed with the proper resolution even after Auto Screen Adjust is performed, set the resolution of the input signal manually. If the resolution is set, the [Auto Screen Adjust] is performed again. (Refer to Chapter 3, "Troubleshooting" on page 30.)

2 Prepare the display pattern for the analog display adjustment.

(1) Load the "EIZO LCD Utility Disk" to your PC.
(2) For Windows PC: Start the "Screen Adjustment Utility" from the startup menu on the disk.
For other than Windows PC: Use the screen adjustment pattern files.

NOTE

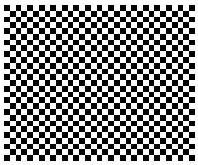
- For how to open and use the screen adjustment pattern files, refer to the "Readme.txt" or the "Readme" file on the disk. When you are using a Macintosh PC, you can open the file directly from the start menu of the disk.

• If the screen is displayed correctly : go to step 5
• If the screen is not displayed correctly : go to step 3

3 Perform the auto screen adjustment again with the analog screen adjustment pattern displayed.

- **To adjust flickering, screen position, and screen size automatically [Auto Screen Adjust]**

(1) Display Pattern 1 in full screen on the monitor using the "Screen Adjustment Utility" or the screen adjustment pattern files.



(2) Choose the <Screen> icon in the Setting menu and tap the slide bar.
The <Screen> menu appears.

(3) Choose the <Auto Screen Adjust> icon in the <Screen> menu and tap the slide bar.
"Your current setting will be lost, if you perform "Auto Screen Adjust". Do you continue?" appears on the screen.

(4) Trace the slide bar left and right to select "Yes" and tap the slide bar.
The Auto Screen Adjust function is activated and the clock, phase and screen position are adjusted automatically.

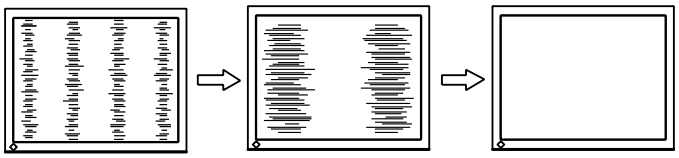
• If the screen is displayed correctly : go to step 5
• If the screen is not displayed correctly : go to step 4

4 Perform the advanced adjustment in the <Screen> menu.

- **To eliminate vertical bars [Clock]**

(1) Choose the <Clock> icon in the <Screen> menu and tap the slide bar.
The <Clock> menu appears.

(2) Trace the slide bar left and right to eliminate the vertical bars and tap the slide bar.
The adjustment is completed.



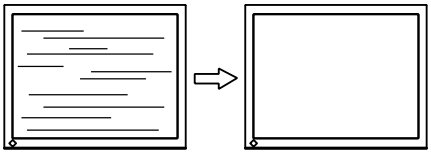
NOTE

- Trace the slide bar slowly to adjust since the adjustment point is easily missed.
- When blurring, flickering or bars appear on the screen after adjustment, proceed to [Phase] to remove flickering or blurring.

- **To remove flickering or blurring [Phase]**

(1) Choose the <Phase> icon in the <Screen> menu and tap the slide bar.
The <Phase> menu appears.

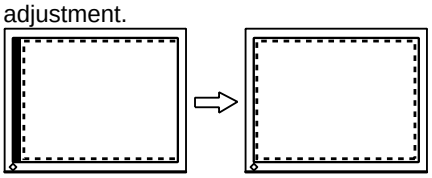
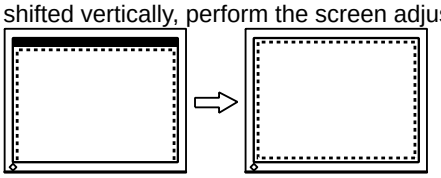
(2) Trace the slide bar left and right to remove the flickering or blurring and tap the slide bar.
The adjustment is completed.



Attention
- The flickering or blurring may not be eliminated perfectly depending on your PC or graphics board.

- **To correct screen position [Hor.Position/Ver.Position]**

Since the number of pixels and the pixel positions are fixed on the LCD monitor, only one position is provided to display images correctly. The position adjustment is made to shift an image to the correct position.

Settings	Screen status
Hor.Position	When the screen position on the monitor is shifted horizontally, perform the screen position adjustment. 
Ver.Position	When the screen position on the monitor is shifted vertically, perform the screen adjustment. 

(1) Choose the <Hor.Position>/<Ver.Position> icon in the <Screen> menu and tap the slide bar.
The <Hor.Position>/<Ver.Position> menu appears.

(2) Trace the slide bar left and right to adjust so that the whole display area, drawn by the dotted line frame, appears on the screen. Then tap the slide bar.
The adjustment is completed.

NOTE
- When vertical bars appear on the screen after adjustment, go back to “To eliminate the vertical bars [Clock]” and perform again. (Clock → Phase → Position)

5 Adjust the color gradation.

- **To adjust color gradation automatically [Auto Range Adjust]**

  Every color gradation (0 to 255) can be displayed by adjusting the signal output level.

  (1) Display Pattern 2 in full screen on the monitor using the “Screen Adjustment Utility” or the screen adjustment pattern files.

  (2) Choose the <Auto Range Adjust> icon in the <Screen> menu and tap the slide bar.

  “Your current setting will be lost, if you perform “Auto Range Adjust”. Do you continue?” appears on the screen.

  (3) Trace the slide bar left and right to select “Yes” and tap the slide bar.

  Color gradation is adjusted automatically.

  (4) Close the Pattern 2. When using the “Screen Adjustment Utility”, close the program.

2-3 Color Adjustment

Simple Adjustment

● To select the color mode [Color Mode]

Changing the color mode enables you to set the monitor to the appropriate display mode.

(PC Input Signal)

An appropriate display mode is selectable out of six modes.

Modes	Status
Text	Suitable for displaying text for word processing or spreadsheets.
Picture	Suitable for displaying images such as photos or picture images.
Movie	Suitable for playing back animated images.
sRGB	Suitable for color matching with sRGB compatible peripherals.
Game (PC)	Suitable for displaying game images.
Custom (xxx*)	Available for making desired settings.

* The input signal selected at that time is displayed.

(HDMI Input Signal)

An appropriate display mode is selectable out of five modes.

Modes	Status
Standard	Standard video display.
Cinema	Suitable for cinema effect, etc.
Dynamic	Suitable for a clearly outlined image.
Game	Suitable for displaying game images.
Custom (xxx*)	Available for making desired settings.

* The input signal selected at that time is displayed.

[Procedure]

(1) Choose the <Color> icon in the Setting menu and tap the slide bar.

(2) Choose the <Color Mode> icon in the <Color> menu and tap the slide bar.
The <Color Mode> menu appears.

(3) Trace the slide bar left and right to select the desired mode and tap the slide bar.
The color mode setting is completed.

NOTE

- The color mode can be changed with the remote control. (Refer to “Remote Control Guide”.)
- The adjustment status of the Color Mode may be changed. (Refer to “Advanced Adjustment” on page 20.)

Advanced Adjustment

• To adjust/set Color Mode

Independent adjustments/settings and saving of the Color adjustment are available for each mode.

(PC Input Signal) √: Adjustment available −: Adjustment unavailable

Icon	Function	Color mode					
		Text	Picture	Movie	sRGB	Game (PC)	Custom (xxx*)
	Brightness	√	√	√	√	√	√
	Black Level	−	−	−	−	√	√
	Contrast	−	√	√	−	√	√
	Saturation	√	√	√	−	√	√
	Hue	√	√	√	−	√	√
	Temperature	√	√	√	−	√	√
	Advanced Settings						
	OutlineEnhancer	−	√	√	−	√	√
	ContrastEnhancer	−	√	√	−	√	√
	Gain	−	−	−	−	√	√
	Gamma	−	−	−	−	√	√
	Reset	√	√	√	√	√	√

(HDMI Input Signal) √: Adjustment available −: Adjustment unavailable

Icon	Function	Color mode				
		Standard	Cinema	Dynamic	Game	Custom (xxx*)
	Brightness	√	√	√	√	√
	Black Level	√	√	√	√	√
	Contrast	√	√	√	√	√
	Saturation	√	√	√	√	√
	Hue	√	√	√	√	√
	Temperature	√	√	√	√	√
	Advanced Settings					
	OutlineEnhancer	√	√	√	√	√
	ContrastEnhancer	√	√	√	√	√
	Gamma	−	−	−	√	√
	Noise Filter	−	−	−	√	√
	I/P Conversion	−	−	−	√	√
	Reset	√	√	√	√	√

* The input signal selected at that time is displayed.

Attention

- Perform [Auto Range Adjust] before starting color adjustment for analog input signals sent from a PC. Refer to “To adjust color gradation automatically” on page 18.
- Wait 30 minutes or more from monitor power on before starting the color adjustment.
- Choose <Reset> in the <Color> menu to revert to the default settings (factory settings) of hue of the color mode selected.
- The same image may be seen in different colors on multiple monitors due to their monitor-specific characteristics. Make fine color adjustment visually when matching colors on multiple monitors.

NOTE

- The adjustment functions differ depending on the mode. For details, refer to the tables at left.

• Adjustment items

Menu	Description	Adjustment range
Brightness	To adjust the full screen brightness as desired	0 to 100%
Black Level	To adjust the black level as desired	0 to 100%
	NOTE • RGB (Red, Green, Blue) is adjusted respectively for PC input signal, and RGB is adjusted together for HDMI input signal.	
Contrast	To adjust the contrast of the image	0 to 100% Every color gradation can be displayed when setting to 50%.
Saturation	To adjust color saturation	-50 to 50
	Attention • This function may not display every color gradation.	
Hue	To produce a desired skin color, etc.	-50 to 50
	Attention • This function may not display every color gradation.	
Temperature	To select the color temperature	4000K to 10000K, for every 500K as a unit. (Including 9300K)
	NOTE • Setting the value to “Off” presents the natural color temperature of the panel. • The values shown in the Kelvin (K) are available only as reference.	
OutlineEnhancer	This emphasizes the outline of images by shading	-5 to 5
ContrastEnhancer	This can change the feeling of contrast in the image	Enable/Disable
Gain	To adjust red, green, and blue to a desired color tone respectively	0 to 100% Adjust the respective brightness of red/green/blue to make a desired color tone. Display an image with white or gray background for adjustment
Gamma	To adjust the gamma value	1.8/2.0/2.2/2.4
	NOTE • Digital input signal is recommended for gamma value setting.	
Noise Filter	To reduce a precise noise or a noise at MPEG compression	High/Low/Disable
	Attention • The screen image may be degraded depending on the setting.	
I/P Conversion	To set the I/P (Interlace progressive) conversion’s processing methods	Video (2-3)/Video (2-3/2-2)/Video Image/Still Image Select one of the above according to the screen image displayed on the monitor. (See “NOTE”)
Reset	To reset the color settings of the selected Color mode to the default settings	

NOTE

• The values shown in the “%” are available only as reference.

NOTE

• To set [I/P Conversion], refer to the types listed below:

- [Video (2-3)]
  : general TV broadcasts and films, etc.
- [Video (2-3/2-2)]
  : films and CG, etc.
- [Video Image]: TV drama, etc.
- [Still Image]: still images such as photos

[Procedure]

(1) Choose the <Color> icon in the Setting menu and tap the slide bar.
(2) Choose the <Color Mode> icon in the <Color> menu and tap the slide bar.
(3) Select the desired color mode in the <Color Mode> menu and tap the slide bar.
(4) Select the desired function to adjust/set in the <Color> menu and tap the slide bar.
The selected function menu appears.
(5) Trace the slide bar left and right to adjust/set the values and tap the slide bar.
The adjustment/settings are completed.

NOTE

- The <Color Mode> menu and the <Brightness> menu can be displayed from the shortcut menu. (See page 9)

• To adjust the brightness automatically [BrightRegulator]

The screen brightness is automatically adjusted corresponding to both the brightness of the image and the environmental brightness detected by the sensor at the lower side of the monitor.

NOTE

- Do not cover the sensor.
- Set to “High” if you feel a little brighter with “Standard” setting status.

[Procedure]

(1) Choose the <Monitor Settings> icon in the Setting menu and tap the slide bar.
(2) Choose the <BrightRegulator> icon in the <Monitor Settings> menu and tap the slide bar.
The <BrightRegulator> menu appears.
(3) Trace the slide bar left and right to select either “High”, “Standard” or “Disable” and tap the slide bar.
The BrightRegulator setting is completed.

2-4 Sound Adjustment

● To adjust [Treble/Bass/Balance/Sound Level].

Menu	Description	Adjustment range
Treble	To adjust the sound strengths/weaknesses in the high sound area	-15 to 15
Bass	To adjust the sound strengths/weaknesses in the low sound area	-15 to 15
Balance	To adjust the volume balance on left and right sides	-32 to 32
Sound Level	To adjust the input sound level	-3 to 3

[Procedure]

(1) Choose the <Sound> icon in the Setting menu and tap the slide bar.

(2) Choose the desired function to adjust in the <Sound> menu and tap the slide bar.
The selected function menu appears.

(3) Trace the slide bar left and right to adjust the value and tap the slide bar.
The adjustment is completed.

NOTE

- The sound adjustments other than [Sound Level] are available to perform for speakers and headphones respectively. When adjusting the headphone sound, connect the headphone to the monitor.
- The volume difference may occur depending on the kinds of input signals, since the average sound level of the external equipment differs. For example, if the volume difference of HDMI 1 and HDMI 2 input signals becomes large, you can reduce the volume difference between them by raising the [Sound Level] of the lower volume side.

Attention

- Depending on the volume setting, sound distortion may occur. In such a case, turn the volume down. The sound distortion may be diminished.

2-5 Auto Screen Size Changing (HDMI input signal only)

- **To change the screen size automatically according to the aspect information of the input signal [Auto Screen Size]**

The screen size can be changed automatically according to the aspect information of the input signal from AV equipment.

[Procedure]

(1) Choose the <Monitor Settings> icon in the Setting menu and tap the slide bar.
(2) Choose the <Auto Screen Size> icon in the <Monitor Settings> menu and tap the slide bar.
The <Auto Screen Size> menu appears.
(3) Trace the slide bar left and right to select “Enable” and tap the slide bar.
The setting is completed.

NOTE

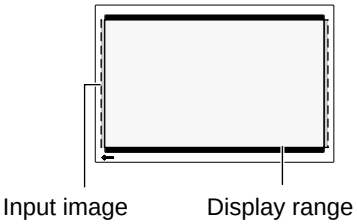
- If you do not want to change the Sub-Window size automatically, set the <Auto Screen Size> in the <Monitor Settings> to “Disable”.
- After changing the screen size automatically, it can be changed manually. (Refer to “Remote Control Guide”.)

2-6 Screen Ratio Changing (HDMI input signal only)

- **To change the display range of the input image [Screen Ratio]**

Generally the input image is displayed with the left, right, upper and lower parts slightly cut off (overscan). The display range of the input image can be changed.

(Ex. When the screen ratio is“16:9”)



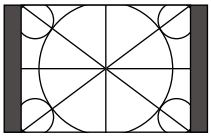
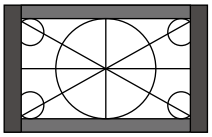
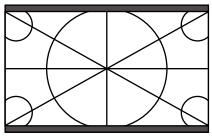
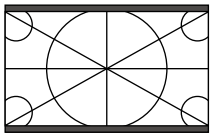
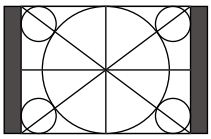
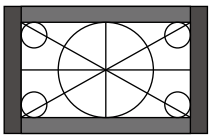
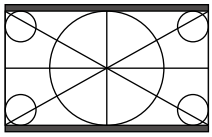
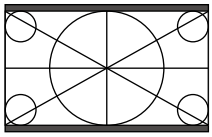
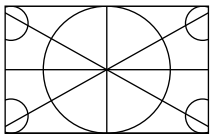
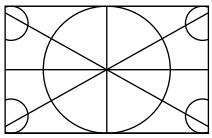
[Procedure]

(1) Choose the <Monitor Settings> icon in the Setting menu and tap the slide bar.
(2) Choose the <Screen Ratio> icon in the <Monitor Settings> menu and tap the slide bar.
The <Screen Ratio> menu appears.
(3) Trace the slide bar left and right to select either “Standard”, “Full Image” or “Full Screen” and tap the slide bar.
The setting is completed.

Settings	Status
Standard	Displays the screen with standard setting. (the left, right, upper and lower parts of the input image slightly cut off)
Full Image	Displays most of the input image.
Full Screen	Displays the image keeping the aspect ratio of 16:9. The left and right parts of the image slightly cut off. (Note that the image of 4:3 or Letterbox is displayed as same as the image of “Full Image” setting, even though “Full Screen” is selected.)

NOTE

- When selecting “Full Image” or “Standard”, the black borders may be displayed on the left and right, or upper and lower parts according to the aspect ratio of the input signal.
- Select “Full Image” when the noise appears around the peripheral portions of the screen image with “Standard” selected.

Input signal:Aspect ratio (Format) / Screen Ratio	4:3 (480i/480p/ 576i/576p)	Letterbox (480i/480p/ 576i/576p)	16:9	
			(480i/480p/ 576i/576p)	(1080i/720p/1080p)
Standard				
Full Image				
Full Screen				

2-7 Monitor Power-saving Mode Setting

• To set the resume conditions from the power-saving mode [Signal Detection]

This function sets the power-saving mode condition when no input signal is detected on the current selected input signal and the resume conditions from the power-saving mode.

Settings	No input signal	Resume conditions from power-saving mode
All Input Signals	After 5 seconds have passed with no input signal detected, the monitor enters the power-saving mode.	All input signals are watched and if any signal is detected in the no-signal status, the monitor resumes to display the projected image with the detected input signal.
Current Input Signal		The signal selected when entering the power-saving mode is watched and if any signal is detected in no signal status, the monitor resumes to display the projected image with the current input signal selected.
Disable	After 45 seconds with no input signal status, the monitor enters power off status.	

[Procedure]

(1) Choose the <Monitor Settings> icon in the Setting menu and tap the slide bar.

(2) Choose the <Signal Detection > icon in the <Monitor Settings> menu and tap the slide bar.
The <Signal Detection > menu appears.

(3) Trace the slide bar left and right to select either “All Input Signals”, “Current Input Signal” or “Disable” and tap the slide bar.
The signal detection setting is completed.

Attention

- The monitor watches the input signal status. If the input signal is detected before entering the power-saving mode, the signal detection is not recognized as a resume condition.
- When displayed in PinP, the monitor does not shift to power-saving mode.
- If it is set to “All Input Signals”, the monitor may not resume from the power-saving mode depending on the connected external equipments or some conditions. When the monitor does not resume, change the setting or touch the slide bar and then select the input signal for the desired image sent from the equipment.

Attention

- Unplugging the power cord completely shuts off power supply to the monitor.
- Even if the monitor enters the sleep mode, all the devices connected to the USB ports (upstream and downstream) work.
(Therefore the monitor power consumption varies with connected devices even in the power-saving mode.)

2-8 Power Indicator/EIZO Logo Display Setting

• To turn off the power indicator while a screen is displayed [Power Indicator]

This function enables you to turn off the Power indicator (blue) while a screen is displayed.

NOTE
- The Power indicator lights up at power on with the default setting.

[Procedure]

(1) Choose the <Monitor Settings> icon in the Setting menu and tap the slide bar.
(2) Choose the <Power Indicator> icon in the <Monitor Settings> menu and tap the slide bar.
The <Power Indicator> menu appears.
(3) Trace the slide bar left and right to select “Off” and tap the slide bar.
The power indicator setting is completed.

• To set EIZO logo display/no EIZO logo display when the monitor turns on [EIZO Logo Appearing Function]

When the unit is turned on, the EIZO logo appears at the center of the screen. This function enables you to select Logo display/No logo display.

NOTE
- The logo appears with the default setting.

[Setting Methods]

(1) Touch ⏻ to turn off the monitor.
(2) Touch ⏻ for approx. three seconds.
The EIZO logo does not appear on the screen.

[Resetting]

(1) Touch ⏻ to turn off the monitor.
(2) Touch ⏻ for approx. three seconds.
The logo appears again.

2-9 Beeper Setting

• To set the beeper [Beep]

Set the beeper on/off for operation tone of the switches, connection error, etc.

Sound type	Status
Short beep	• Sounds whenever a basic switch operation is performed.
Long beep	• Sounds when “On” or “Off” in the operation lock function is selected. • Sounds when “On” or “Off” in the EIZO logo appearing function is selected. • Sounds when “On” or “Off” in PinP display function is selected by touching INPUT for approx. two seconds. • Sounds when the setting and/or adjustment value is decided by the slide bar.
Consecutive beeps	• Sounds when the monitor is not connected correctly. • Sounds when a PC or an AV equipment does not turn on. • Sounds when the signal frequency beyond specification is received.

[Procedure]

(1) Choose the <Monitor Settings> icon in the Setting menu and tap the slide bar.
(2) Choose the <Beep> icon in the <Monitor Settings> menu and tap the slide bar.
The <Beep> menu appears.
(3) Trace the slide bar left and right to select either “On” or “Off” and tap the slide bar.
The beep setting is completed.

2-10 Information Checking

• To check settings, usage time, etc. [Information]

This function allows you to check settings, model name, serial number, and usage time of the monitor.

(1) Choose the <Information> icon in the Setting menu and tap the slide bar.
The <Information> menu appears.
(2) Tap the slide bar to check the settings, etc.

NOTE

- The usage time is not always “0” when you purchase the monitor due to factory inspection.

2-11 Language Setting to be displayed

• To set the language displayed in the menu [Language]

This function enables you to select the Setting menu language.

Selectable languages

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

[Procedure]

(1) Choose the <Monitor Settings> icon in the Setting menu and tap the slide bar.
(2) Choose the <Language> icon in the <Monitor Settings> menu and tap the slide bar.
The <Language> menu appears.
(3) Trace the slide bar left and right to select the language and tap the slide bar.
The language setting is completed.

2-12 Locking Switches

● To lock the available functions [Operation Lock]

This function enables you to lock the switches to retain the setting/adjustment set once and restrict the available functions.

[Locking]

(1) Touch ⏻ to turn off the monitor.
(2) Touch MENU for approx. three seconds.
The operation lock is performed (“Operation Lock: ON” is displayed) and the screen is displayed with the operation lock.

[Unlocking]

(1) Touch ⏻ to turn off the monitor.
(2) Touch MENU for approx. three seconds.
The operation lock is released (“Operation Lock: Off” is displayed) and the screen is displayed with the operation unlock.

NOTE

- The following operations are available in the locked status.
  - Power ON/OFF by touching ⏻.
  - Power ON by touching INPUT, MENU or the slide bar.
  - Operation lock function ON/OFF
  - EIZO Logo appearing function ON/OFF (Page 26)

2-13 Resumption of Default Settings

● To reset the color adjustment [Reset]

Only the hue in the color mode currently set will revert to the default settings (factory settings).

[Procedure]

(1) Choose the <Color> icon in the Setting menu and tap the slide bar.
(2) Choose the <Reset> icon in the <Color> menu and tap the slide bar.
“Your current color data will be lost.” appears on the screen.
(3) Trace the slide bar left and right to select “Reset” and tap the slide bar.
The reset operation is completed.

NOTE

- For default settings, refer to “Main default settings (factory settings)” on page 38.

● To reset all settings [Reset]

Reset all the settings/adjustments status except for [Field Rate], [USB] and [Volume] to the default settings (factory settings).

[Procedure]

(1) Choose the <Reset> icon in the Setting menu and tap the slide bar.
“All settings except for the field rate and USB are reset.” appears on the screen.
(2) Trace the slide bar left and right to select “Reset” and tap the slide bar.
The reset operation is completed.

Chapter 3 Troubleshooting

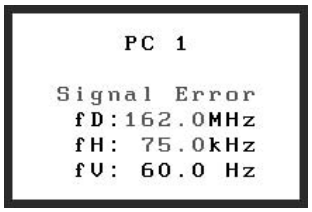
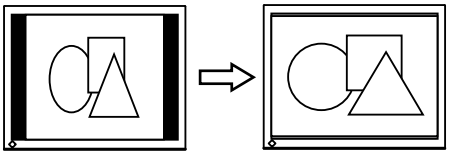
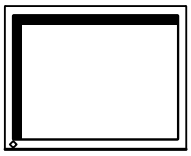
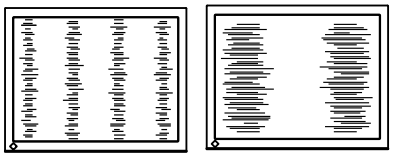
If a problem still remains after applying the suggested remedies, contact your local dealer.

- No picture problems→See No. 1 and 2 in (PC Input Signal), No. 1 and 2 in (HDMI Input Signal)
- Imaging problems→See No. 1 - 6 in (Common), No. 3 - 7 in (PC Input Signal), No. 3 in (HDMI Input Signal)
- Other problems→See No. 7 - 12 in (Common), No. 8 in (PC Input Signal), No. 4 and 5 in (HDMI Input Signal)
- USB problems→See No. 9 in (PC Input Signal)

(Common)

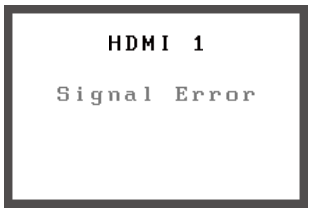
Problems	Possible cause and remedy
1. The screen is too bright or too dark.	• Adjust <Brightness> or <Contrast> from the <Color> menu. (The LCD monitor backlight has a fixed life span. When the screen becomes dark or begins to flicker, contact your local dealer.)
2. Afterimages appear.	• Use a screen saver or off timer function for a long-time image display. • Afterimages are particular to LCD monitors. Avoid displaying the same image for a long time.
3. Green/red/blue/white dots or defective dots remain on the screen.	• This is due to LCD panel characteristics and is not a failure.
4. Interference patterns or fingerprints remain on the screen.	• Leave the monitor with a white screen. The symptom may disappear.
5. Noise appears on the screen.	• When utilizing [ContrastEnhancer] and/or [OutlineEnhancer] function, the normal images may not be displayed since the display gradation abnormality or noise may occur on the screen depending on the display pattern.
6. Characters are pigmentized.	• When [OutlineEnhancer] is set excessively, the characters on the screen may be affected by color.
7. No sound/Volume control is not available.	• Check whether the audio cable is connected properly. • Check whether a headphone is connected to the headphone jack. • Adjust the sound volume.
8. Sound volume varies depending on the equipment connected.	• Adjust the volume difference between the equipment connected by the <Sound Level> in the <Sound> menu. (Refer to page 23.)
9. The monitor turns off suddenly.	• Check whether the [Off Timer] function is set. Check the [Off Timer] setting. (Refer to “Remote Control Guide”.) • Check whether “Disable” is set in the <Signal Detection> of the <Monitor Settings> menu. (Refer to page 25.)
10. Unselectable menu items	• The selectable menu items differ depending on the input signal. Please check the Setting menu list. (Refer to “Setting menu list” on page 37.)
11. Switches do not operate.	• Check whether the switches are locked. (Refer to page 28.)
12. Remote control does not work.	• Check whether the remote control point at the detector. • Check that there are not obstacles between the remote control and the detector. • Check whether the battery power is run out. • Check whether the battery is installed in the right direction.

(PC Input Signal)

Problems	Possible cause and remedy
1. No Picture • Power indicator does not light up.	• Check whether the power cord is correctly connected. • Press POWER on the remote control or touch ⏻ of the operation switch.
• Power indicator lights in orange.	• Switch the input signal with [INPUT SELECT] (PC) on the remote control or INPUT of the operation switch. • Press a key on the keyboard or click the mouse. • Turn on the PC.
• Power indicator lights in blue.	• Check whether the PC is properly connected to the monitor. • Check the gain setting.
2. The message below appears.	These messages appear when the input signal is incorrect even if the monitor is functioning.
• The message below shows that the input signal is out of the specified frequency range. (Such signal frequency is displayed in red.) Example: 	• Change the mode appropriately using the graphics board's utility software. Refer to the manual of the graphics board for details.
3. The image is not displayed in correct resolution even if Auto Screen Adjust is performed. • The resolution of the input signal is not recognized correctly and the image is displayed shrunk or distorted. 	• Adjust <Resolution> from the <Screen> menu so that the input signal resolution equals the resolution in the <Resolution> menu. If the resolution is set, the [Auto Screen Adjust] is performed again automatically.
4. The screen position is shifted. 	• Adjust <Hor.Position/Ver.Position> from the <Screen> menu. (Refer to page 17.) • If the problem persists, use the graphics board's utility software if available to change the display position.
5. Vertical bars appear on the screen or a part of the image is flickering. 	• Adjust <Clock> from the <Screen> menu. (Refer to page 16.) When the resolution is set to 1920 × 1200, the symptom may not be improved depending on the input signal used even if the [Clock] adjustment is performed. In this case, change the resolution to 1600 × 1200, 1920 × 1080, etc.
6. Whole screen is flickering or blurring. 	• Adjust <Phase> from the <Screen> menu. (Refer to page 17.)

Problems	Possible cause and remedy
7. Noise appears on the screen.	• When entering the signals of analog input, change the setting in <Signal Filter> from the <Screen> menu. The symptom may not be improved depending on the input signal used. It is recommended that you switch the analog input signal to digital. • When receiving HDCP signals, the normal images may not be displayed immediately.
8. No sound/Volume control is not available.	• Check whether the [USB] setting is corresponding to the input signal from the PC.
9. The USB devices connected to the monitor do not work.	• Check whether the USB cable is connected correctly. • Check whether the [USB] setting is in conformance with the input signal sent from the PC. (Refer to page 14.) • Change the USB port to another one (downstream port). If the PC or peripheral devices work correctly by changing the USB port, contact your local dealer. (Refer to the manual of the PC for details.) • Please perform the following to check the status. - Reboot the PC. - Connect the PC and peripheral devices directly. - If the PC or peripheral devices work correctly without connecting via the monitor (working as a USB hub), please contact your local dealer. • Check whether the PC and OS are USB compliant. (For USB compliance of the respective devices, consult their manufacturers.) • Check the PC's BIOS setting for USB when using Windows. (Refer to the manual of the PC for detail.)

(HDMI Input Signal)

Problems	Possible cause and remedy
1. No Picture • Power indicator does not light up.	• Check whether the power cord is correctly connected. • Press POWER on the remote control or touch ⏻ of the operation switch.
• Power indicator lights in orange.	• Switch the input signal with [INPUT SELECT] (HDMI) on the remote control or INPUT of the operation switch. • Turn on the AV equipment.
• Power indicator lights in blue.	• Check whether the AV equipment is properly connected to the monitor. • Switch the setting using the <Field Rate> in the <Monitor Settings>.
2. The message below appears.	These messages appear when the input signal is incorrect even if the monitor is functioning.
• The frequency of the signal is outside the specification. Example: 	• Confirm the digital signal format by referring to the instruction manual of the equipment connected. (Refer to page 35.)
3. The color shown on the display is not correct.	• Change the color space of the video input signal using <Color Space> in the <Monitor Settings> menu. (Normally, select “Auto”.)
4. The video images are out of control by the FF/REW operation when a video equipment is connected to the monitor.	• The monitor mechanism causes the image out of control status a little. This is not a malfunction.
5. No sound/Volume control is not available.	• Check whether the applicable format of the equipment connected is correct. Refer to page 35 for the sound input format of the monitor.

● Messages List

The meanings of the main messages appearing on the screen are described below.

Messages	Description
“Your current setting will be lost, if you perform “Auto Screen Adjust”. Do you continue?”	Appears when performing [Auto Screen Adjust].
“Your current setting will be lost, if you perform “Auto Range Adjust”. Do you continue?”	Appears when performing [Auto Range Adjust].
“Your current color data will be lost.”	Appears when performing <Reset> in the <Color> menu. Returns the color mode setting currently selected to the default settings.
“If the field rate is changed, no picture may be displayed on screen. Do you change the setting?”	Appears when changing the settings of [Field Rate].
“If the USB setting is changed, the USB connection to the selected PC will be lost. Do you change the setting?”	Appears when changing the settings of [USB]. • Do not change the settings in the following cases. - When connecting a memory device such as a USB memory to the monitor The data may be lost and damaged. Be sure to change the USB setting after removing the memory device. - When an application such as a sound playback, etc. works The sound may not output if the setting is returned to the original. Be sure to change the USB setting after exiting from the application.
“The power will turn off soon. To cancel Off Timer, touch the slide bar.”	Appears on the display from one minute before the power turns off to the power-off time when the Off Timer is set. Touching the slide bar while the message appears will release the Off Timer setting and the message disappears.
“All settings except for the field rate and USB are reset.”	Appears when performing [Reset] in the Setting menu. Set all the settings except for [Field Rate], [USB] and [Volume] to the default settings.
“Volume adjust does not support this sound signal.”	Appears when pressing [VOLUME] button on the remote control or trying to display the shortcut menu of the volume while receiving the sound signal not corresponding to the monitor. In this case, no sound is output.

Chapter 4 Reference

4-1 Attaching an Arm

The stand can be removed and replaced with an arm (or another stand) to be attached to the monitor. Use an arm or stand of EIZO option.

[Attaching]

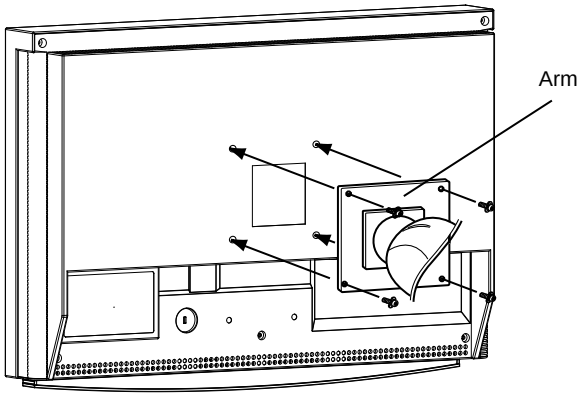
1 Lay the LCD monitor on a soft cloth spread over on a stable surface with the panel surface facing down.

2 Remove the stand. (Prepare a screwdriver.)

Unscrew the four screws securing the unit and the stand with the screwdriver.

3 Attach the monitor to the arm or stand.

Secure the monitor to the arm or stand using the screws specified in the user's manual of the arm or stand.



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 M4 × 12 mm screws supplied with this monitor.
  – Clearance between the screw holes: 100 mm × 100 mm
  – Thickness of plate: 2.6 mm
  – Strong enough to support weight of the monitor unit (except the stand) and attachments such as cables.
- Attach an arm or stand to meet the following tilt angles of the monitor. Do not use the monitor with the tilt angle beyond the values shown below.
  - Upper: 60° Lower: 45°
- Do not turn the monitor lengthwise.
- Connect the cables after attaching an arm.

4-2 Specifications

Panel	LCD Panel	24.1-inch (610 mm) TFT color LCD with anti-glare hard coating Viewing angle: Vertical 178°, Horizontal 178° (CR: 10 or more)	
	Dot Pitch	0.270 mm	
	Resolution	1920 dots × 1200 lines	
	Max. Display Color	Approx. 16.77 million colors: Applicable to 8 bit (1064.33 million colors/10 bit-LUT)	
	Display Area (H × V)	518.4 mm × 324.0 mm	
PC Input Signal	Digital Input Signal (PC 1)	Input Signal Connector	DVI-D × 1
		Horizontal Scan Frequency	31.5 - 76 kHz: each preset signal ±1 kHz
		Vertical Scan Frequency	59 - 61 Hz: each preset signal ±1 Hz (VGA TEXT: 69 - 71 Hz) (49 - 51 Hz is also available@720p/1080p*1)
		Max. Dot Clock	162 MHz
		Signal Transmission System	TMDS (Single Link)
	Analog Input Signal (PC 2)	Input Signal Connector	D-Sub mini 15-pin × 1
		Horizontal Scan Frequency	31.5 - 80 kHz: each preset signal ±1 kHz
		Vertical Scan Frequency	55 - 76 Hz: each preset signal ±1 Hz (49 - 51 Hz is also available@720p/1080p*1)
		Max. Dot Clock	162 MHz
		Input Signal (Sync)	Separate, TTL, positive/negative
		Input Signal (Video)	Analog, positive (0.7Vp-p/75Ω)
		Video Signal Memory	50 (preset: 34)
	Audio Input	USB communication	
	Plug and Play	VESA DDC2B	
VIDEO Input Signal	HDMI Input Signal*2 (HDMI 1/2)	Input Signal Connector	HDMI Type A × 2
		Applicable Format	Video signal - 525i (480i)/525p (480p)/1125i (1080i)/750p (720p): 60 Hz, 1125p (1080p): 60 Hz/24 Hz - 625i (576i)/625p (576p)/1125i (1080i)/750p (720p): 50 Hz, 1125p (1080p): 50 Hz/24 Hz Audio signal - 2ch linear PCM (32 kHz/44.1 kHz/48 kHz/ 88.2 kHz/96 kHz/176.4 kHz/192 kHz)
Audio Output	Audio Output Terminal	Ø3.5 stereo mini jack × 1	
	Headphone Jack	Ø3.5 stereo mini jack × 1	
USB	Standard	USB Specification Revision 2.0	
	Port	Upstream port × 2, Downstream port × 2	
Power Supply		100 - 120 VAC ±10%, 50/60 Hz, 1.1 A 200 - 240 VAC ±10%, 50/60 Hz, 0.55 A	
Power Consumption	Screen Display On	110 W or less (with USB load) 100 W or less (without USB load)	
	Power-saving mode	• When <Signal Detection> setting is set to “All Input Signals”: 7 W or less (at no input signal, without USB load) • When <Signal Detection> setting is set to “Current Input Signal”: 2 W or less (at PC input signal selection, at no input signal, without USB load)	
	Power switch Off	1 W or less	

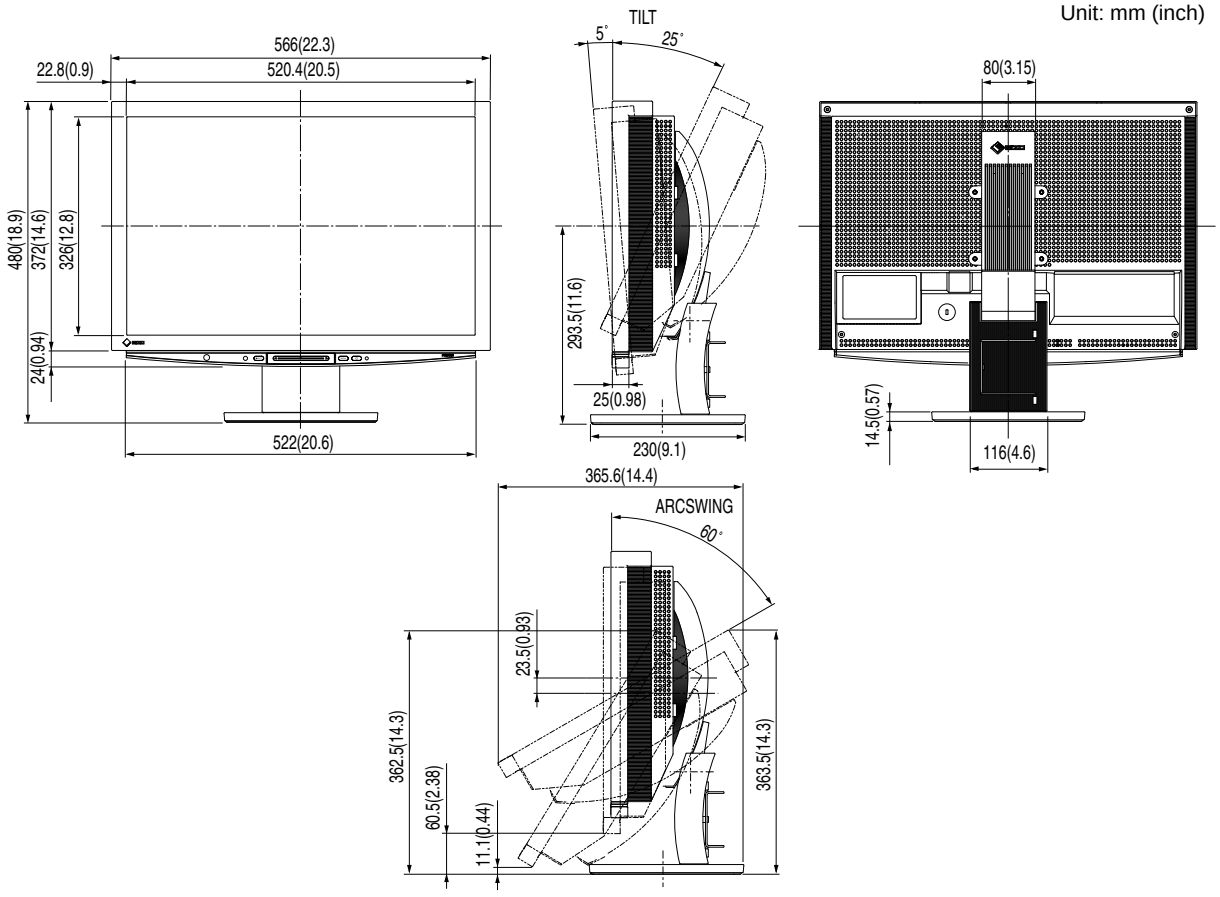
Dimensions	Main unit	566 mm (22.3”) (W) × 362.5 - 480 mm (14.3 - 18.9”) (H) × 230 mm (9.1”) (D)
	without Stand	566 mm (22.3”) (W) × 396 mm (15.6”) (H) × 92.3 mm (3.6”) (D)
Weight	Main unit	approx. 10.3 kg (22.7 lbs)
	without Stand	approx. 7.9 kg (17.4 lbs)
Environmental Conditions	Temperature	Operating temperature: 0 °C - 35 °C Storage temperature: -20 °C - 60 °C
	Humidity	Operating humidity: 30% - 80% R.H. (no condensation) Storage humidity: 30% - 80% R.H. (no condensation)
	Pressure	Operating: 700 hPa to 1,060 hPa Storage: 200 hPa to 1,060 hPa

*1 For some AV equipments such as Microsoft Xbox 360

*2 The monitor is not in compliance with the input signal from a PC and CEC (Consumer Electronics Control). The monitor is not applicable to the xvYCC standard for the color space.

Outside Dimensions

Unit: mm (inch)



Setting menu list

Item			PC 1	PC 2	HDMI 1	HDMI 2	PinP
Screen	Auto Screen Adjust		–	√	–	–	√*
	Auto Range Adjust		–	√	–	–	√*
	Clock		–	√	–	–	√*
	Phase		–	√	–	–	√*
	Hor.Position		–	√	–	–	√*
	Ver.Position		–	√	–	–	√*
	Resolution		–	√	–	–	√*
	Signal Filter		–	√	–	–	√*
Color	Color Mode		√	√	√	√	√
	Brightness		√	√	√	√	√
	Black Level		√	√	√	√	√
	Contrast		√	√	√	√	√
	Saturation		√	√	√	√	√
	Hue		√	√	√	√	√
	Temperature		√	√	√	√	√
	Advanced Settings	OutlineEnhancer	√	√	√	√	√
		ContrastEnhancer	√	√	√	√	√
		Gain	√	√	–	–	√
		Gamma	√	√	√	√	√
		Noise Filter	–	–	√	√	–
		I/P Conversion	–	–	√	√	–
	Reset		√	√	√	√	√
Sound	Treble		√	√	√	√	√
	Bass		√	√	√	√	√
	Balance		√	√	√	√	√
	Sound Level		–	–	√	√	–
Monitor Settings	Language		√	√	√	√	√
	BrightRegulator		√	√	√	√	√
	Signal Detection		√	√	√	√	√
	Power Indicator		√	√	√	√	√
	Beep		√	√	√	√	√
	Auto Screen Size		–	–	√	√	–
	Screen Ratio		–	–	√	√	–
	Color Space		–	–	√	√	–
	Field Rate		–	–	√	√	–
USB			√	√	√	√	√
Information			√	√	√	√	√
Reset			√	√	√	√	√

* When the Main Window uses PC 2 at PinP display

Main default settings (factory settings)

		PC 1/PC 2	HDMI 1/HDMI 2
Color Mode		Custom	
Volume	Speaker	30	
	Headphone	10	
PinP		Off	
Language		English	
BrightRegulator		Standard	
Signal Detection		Current Input Signal	
Power Indicator		On	
Beep		On	
Auto Screen Size		–	Enable
Screen Ratio		–	[480i/480p/576i/576p signal] Standard [1080i/720p/1080p signal] Full Image
Color Space		–	Auto
USB		PC 1	
Screen Size		Full Screen	[480i/480p/576i/576p signal] 4 : 3 [1080i/720p/1080p signal] 16 : 9
Off Timer		Disable	

Option list

Cleaning Kit	EIZO “ScreenCleaner”
Arm	EIZO “LA-011-W” (wall mount arm [1-axis])
	EIZO “LA-030-W” (wall mount arm [3-axes])
	EIZO “LA-131-D” (flexible arm [3-axes])

4-3 Glossary

Clock

The analog input monitor needs to reproduce a clock of the same frequency as the dot clock of the graphics system in use, when the analog input signal is converted to a digital signal for image display.
This is called clock adjustment. If the clock pulse is not set correctly, some vertical bars appear on the screen.

Color Space

Color space is a method to specify and express the color. There are YUV and RGB, etc. YUV expresses the color by using the luminance (Y), the color difference of R (U) and the color difference of blue (V). RGB does it by using the gradation of 3 colors of Red (R, Green (G) and Blue (B).

ContrastEnhancer

ContrastEnhancer functions to reproduce images with a taste of contrast by compensating the gamma value as well as controlling the backlight brightness and the gain level according to the image status.

DVI (Digital Visual Interface)

DVI is a digital interface standard. DVI allows direct transmission of the PC's digital data without loss.
This adopts the TMDS transmission system and DVI connectors. There are two types of DVI connectors. One is a DVI-D connector for digital input signal only. The other is a DVI-I connector for both digital and analog input signals. The monitor is not applicable to the DVI-I input signal.

Field Rate

This is the number of times the monitor screen is redrawn in 1 second. The number of times differs depending on the Video standard.

Gain

This is used to adjust each color parameter for red, green and blue. An LCD monitor displays the color by the light passing through the panel color filter. Red, green and blue are the three primary colors. All the colors on the screen are displayed by combining these three colors. The color tone can be changed by adjusting the light intensity (volume) passing through each color's filter.

Gamma

Generally, the monitor brightness varies nonlinearly with the input signal level, which is called "Gamma Characteristic". A small gamma value produces a low-contrast image, while a large gamma value produces a high-contrast image.

HDCP (High-bandwidth Digital Contents Protection)

Digital signal coding system developed to copy-protect the digital contents, such as video, music, etc. This helps to transmit the digital contents safely by coding the digital contents sent via DVI terminal on the output side and decoding them on the input side.
Digital content cannot be reproduced if both the devices on the output and input sides are not applicable to the HDCP system.

HDMI (High-Definition Multimedia Interface)

HDMI is a digital interface standard, developed for consumer electrical appliance or AV equipment. This standard is issued on the basis of the DVI standard which is one of an interface specification for the connection between a PC and a monitor. The projected image, sound and control signal without compressed enable to be sent/received with one cable. Only the input signal of this product corresponds to the standard.

I/P (Interlace Progressive) Conversion

This enables to convert the scanning process of the screen from I (Interlace) to P (Progressive non interlace).
This is used to create a higher quality screen to reduce blur, etc. with video input signal digital processed through DVD, etc.

OutlineEnhancer

OutlineEnhancer functions to emphasize outline of the images by emphasizing the color difference between pixels composing the images. This may improve the texture of the material and its feel of the images.
On the contrary, it also functions to reproduce the images smoothly by gradating its outline.

Phase

Phase means the sampling timing to convert the analog input signal to a digital signal. Phase adjustment is made to adjust the timing. It is recommended that phase adjustment be made after the clock is adjusted correctly.

Range Adjustment

Range adjustment controls the signal output levels to display every color gradation. It is recommended that range adjustment be made before color adjustment.

Resolution

The LCD panel consists of numerous pixels of specified size, which are illuminated to form images. This monitor consists of 1920 horizontal pixels and 1200 vertical pixels. At a resolution of 1920 x 1200, all pixels are illuminated as a full screen (1:1).

sRGB (Standard RGB)

International standard for “color reproduction and color space” among peripheral devices (such as monitors, printers, digital cameras, scanners). sRGB allows Internet users to closely match colors as a simple color matching means for the Internet use.

Temperature

Color temperature is a method to measure the white color tone, generally indicated in degrees Kelvin. The screen becomes reddish at a low temperature, and bluish at a high temperature, like the flame temperature.
5000K: Slightly reddish white
6500K: Warm white like paper white
9300K: Slightly bluish white

4-4 Preset Timing

The following table shows factory preset video timing (for analog signal only).

Mode	Dot clock		Frequency Horizontal: kHz Vertical: Hz	Polarity
NEC PC-9821 640×400@70 Hz	25.2 MHz	Horizontal	31.48	Negative
		Vertical	70.10	Negative
VGA 640×480@60 Hz	25.2 MHz	Horizontal	31.47	Negative
		Vertical	59.94	Negative
VGA 720×400@70 Hz	28.3 MHz	Horizontal	31.47	Negative
		Vertical	70.09	Positive
Macintosh 640×480@67 Hz	30.2 MHz	Horizontal	35.00	Negative
		Vertical	66.67	Negative
Macintosh 832×624@75 Hz	57.3 MHz	Horizontal	49.72	Negative
		Vertical	74.55	Negative
Macintosh 1152×870@75 Hz	100.0 MHz	Horizontal	68.68	Negative
		Vertical	75.06	Negative
Macintosh 1280×960@75 Hz	126.2 MHz	Horizontal	74.76	Positive
		Vertical	74.76	Positive
VESA 640×480@73 Hz	31.5 MHz	Horizontal	37.86	Negative
		Vertical	72.81	Negative
VESA 640×480@75 Hz	31.5 MHz	Horizontal	37.50	Negative
		Vertical	75.00	Negative
VESA 720×480@60 Hz	28.3 MHz	Horizontal	31.47	Negative
		Vertical	59.94	Negative
VESA 800×600@56 Hz	36.0 MHz	Horizontal	35.16	Positive
		Vertical	56.25	Positive
VESA 800×600@60 Hz	40.0 MHz	Horizontal	37.88	Positive
		Vertical	60.32	Positive
VESA 800×600@72 Hz	50.0 MHz	Horizontal	48.08	Positive
		Vertical	72.19	Positive
VESA 800×600@75 Hz	49.5 MHz	Horizontal	46.88	Positive
		Vertical	75.00	Positive
VESA 848×480@60 Hz	33.8 MHz	Horizontal	31.02	Positive
		Vertical	60.00	Positive
VESA 1024×768@60 Hz	65.0 MHz	Horizontal	48.36	Negative
		Vertical	60.00	Negative
VESA 1024×768@70 Hz	75.0 MHz	Horizontal	56.48	Negative
		Vertical	70.07	Negative
VESA 1024×768@75 Hz	78.8 MHz	Horizontal	60.02	Positive
		Vertical	75.03	Positive
VESA 1152×864@75 Hz	108.0 MHz	Horizontal	67.50	Positive
		Vertical	75.00	Positive
VESA CVT 1280×768	79.5 MHz	Horizontal	47.78	Negative
		Vertical	59.87	Positive
VESA CVT 1280×768	102.3 MHz	Horizontal	60.29	Negative
		Vertical	74.89	Positive
VESA CVT RB 1280×768	68.3 MHz	Horizontal	47.40	Positive
		Vertical	60.00	Negative
VESA 1280×960@60 Hz	108.0 MHz	Horizontal	60.00	Positive
		Vertical	60.00	Positive
VESA 1280×1024@60 Hz	108.0 MHz	Horizontal	63.98	Positive
		Vertical	60.02	Positive
VESA 1280×1024@75 Hz	135.0 MHz	Horizontal	79.98	Positive
		Vertical	75.03	Positive
VESA 1360×768@60 Hz	85.5 MHz	Horizontal	47.71	Positive
		Vertical	60.02	Positive
VESA 1600×1200@60 Hz	162.0 MHz	Horizontal	75.00	Positive
		Vertical	60.00	Positive
VESA CVT 1680×1050	146.3 MHz	Horizontal	65.29	Negative
		Vertical	59.95	Positive

Attention

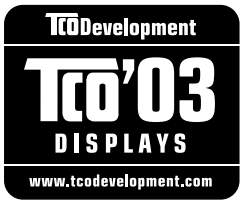
- Display position may deviate depending on the PC connected, which may require screen adjustment using the Setting menu.
- If a signal other than those listed in the table is input, adjust the screen using the Setting menu. However, the screen display may still be incorrect even after the adjustment.
- When interlace signals are used, the screen cannot be displayed correctly even after screen adjustment using the Setting menu.

VESA CVT RB 1680×1050	119.0 MHz	Horizontal	64.67	Positive
		Vertical	59.88	Negative
VESA CVT RB 1920×1200	154.0 MHz	Horizontal	74.04	Positive
		Vertical	59.95	Negative

(The signals specified below are also applicable for the use of some AV equipments such as Microsoft Xbox 360.)

Mode	Dot clock		Frequency Horizontal: kHz Vertical: Hz	Polarity
720@50 Hz 1280×720p	74.3 MHz	Horizontal	37.50	Positive
		Vertical	50.00	Positive
720@60 Hz 1280×720p	74.3 MHz	Horizontal	45.00	Positive
		Vertical	59.94	Positive
1080@50 Hz 1920×1080p	148.5 MHz	Horizontal	56.25	Positive
		Vertical	50.00	Positive
1080@60 Hz 1920×1080p	148.5 MHz	Horizontal	67.50	Positive
		Vertical	59.94	Positive

Applicable to Black cabinet only.



Congratulations!

The display you have just purchased carries the TCO'03 Displays label. This means that your display is designed, manufactured and tested according to some of the strictest quality and environmental requirements in the world. This makes for a high performance product, designed with the user in focus that also minimizes the Impact on our natural environment.

Some of the features of the TCO'03 Display requirements:

Ergonomics

- Good visual ergonomics and image quality in order to improve the working environment for the user and to reduce sight and strain problems. Important parameters are luminance, contrast, resolution, reflectance, colour rendition and image stability.

Energy

- Energy-saving mode after a certain time - beneficial both for the user and environment
- Electrical safety

Emissions

- Electromagnetic fields
- Noise emissions

Ecology

- The products must be prepared for recycling and the manufacturer must have a certified environmental management system such as EMAS or ISO 14000
- Restrictions on
    - chlorinated and brominated flame retardants and polymers
    - heavy metals such as cadmium, mercury and lead.

The requirements includes in this label have been developed by TCO Development in co-operation with scientists, experts, users as well as manufacturers all over the world. Since the end of the 1980s TCO has been involved in influencing the development of IT equipment in a more user-friendly direction. Our labeling system with displays in 1992 and is now requested by users and IT-manufacturers all over the world.

For more information, please visit
www.tcodevelopment.com

For U.S.A. , Canada, etc. (rated 100-120 Vac) Only

FCC Declaration of Conformity

We, the Responsible Party	EIZO NANAO TECHNOLOGIES INC.
	5710 Warland Drive, Cypress, CA 90630
	Phone: (562) 431-5011
declare that the product	Trade name: EIZO
	Model: FlexScan HD2442W

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 (DVI - DVI, D-Sub mini 15-pin - D-Sub mini 15-pin, the enclosed signal cable)

Canadian Notice

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de le classe B est comforme à la norme NMB-003 du Canada.

Hinweise zur Auswahl des richtigen Schwenkarms für Ihren Monitor
Dieser Monitor ist für Bildschirmarbeitsplätze vorgesehen. Wenn nicht der zum Standardzubehör gehörige Schwenkarm verwendet wird, muss statt dessen ein geeigneter anderer Schwenkarm installiert werden. Bei der Auswahl des Schwenkarms sind die nachstehenden Hinweise zu berücksichtigen:

Der Standfuß muß den nachfolgenden Anforderungen entsprechen:

a) Der Standfuß muß eine ausreichende mechanische Stabilität zur Aufnahme des Gewichtes vom Bildschirmgerät und des spezifizierten Zubehörs besitzen. Das Gewicht des Bildschirmgerätes und des Zubehörs sind in der zugehörenden Bedienungsanleitung angegeben.
b) Die Befestigung des Standfusses muß derart erfolgen, daß die oberste Zeile der Bildschirmanzeige nicht höher als die Augenhöhe eines Benutzers in sitzender Position ist.
c) Im Fall eines stehenden Benutzers muß die Befestigung des Bildschirmgerätes derart erfolgen, daß die Höhe der Bildschirmmitte über dem Boden zwischen 135 – 150 cm beträgt.
d) Der Standfuß muß die Möglichkeit zur Neigung des Bildschirmgerätes besitzen (max. vorwärts: 5°, min. nach hinten ≥ 5°).
e) Der Standfuß muß die Möglichkeit zur Drehung des Bildschirmgerätes besitzen (max. ±180°). Der maximale Kraftaufwand dafür muß weniger als 100 N betragen.
f) Der Standfuß muß in der Stellung verharren, in die er manuell bewegt wurde.
g) Der Glanzgrad des Standfusses muß weniger als 20 Glanzeinheiten betragen (seidenmatt).
h) Der Standfuß mit Bildschirmgerät muß bei einer Neigung von bis zu 10° aus der normalen aufrechten Position kippsicher sein.

Hinweis zur Ergonomie :
Dieser Monitor erfüllt die Anforderungen an die Ergonomie nach ISO13406-2 mit dem Videosignal, 1920 × 1200, Digital Eingang und mindestens 60,0 Hz Bildwiederholfrequenz, non interlaced. Weiterhin wird aus ergonomischen Gründen empfohlen, die Grundfarbe Blau nicht auf dunklem Untergrund zu verwenden (schlechte Erkennbarkeit, Augenbelastung bei zu geringem Zeichenkontrast.)

Übermäßiger Schalldruck von Ohrhörern bzw. Kopfhörern kann einen Hörverlust bewirken.
Eine Einstellung des Equalizers auf Maximalwerte erhöht die Ausgangsspannung am Ohrhörer- bzw. Kopfhörerausgang und damit auch den Schalldruckpegel.

„Maschinenlärminformations-Verordnung 3. GPSGV:
Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäss EN ISO 7779“

[Begrenzung des maximalen Schalldruckpegels am Ohr]
Bildschirmgeräte: Größte Ausgangsspannung 150 mV

Nicht für Bildschirm - Arbeitsplätze geeignet

EIZO NANAO CORPORATION
153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan
Phone: +81 76 277 6792 Fax:+81 76 277 6793

EIZO NANAO TECHNOLOGIES INC.
5710 Warland Drive, Cypress, CA 90630, U.S.A.
Phone: +1 562 431 5011 Fax: +1 562 431 4811

EIZO EUROPE AB
Lovangsvagen 14 194 61, Upplands Väsby, Sweden
Phone: +46 8 594 105 00 Fax: +46 8 590 91 575

EIZO NANAO AG
Moosacherstrasse 6, Au CH - 8820 Wädenswil, Switzerland
Phone: +41-0-44 782 24 40 Fax: +41-0-44 782 24 50

Avnet Technology Solutions GmbH
Lötscher Weg 66, D-41334 Nettetal, Germany
Phone: +49 2153 733-400 Fax: +49 2153 733-483

http://www.eizo.com

2nd Edition-May, 2008
03V22347B1
(U.M-HD2442W)