# User's Manual

# FlexScan®
# EV2411W
# S2402W

## Color LCD Monitor

## Important

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

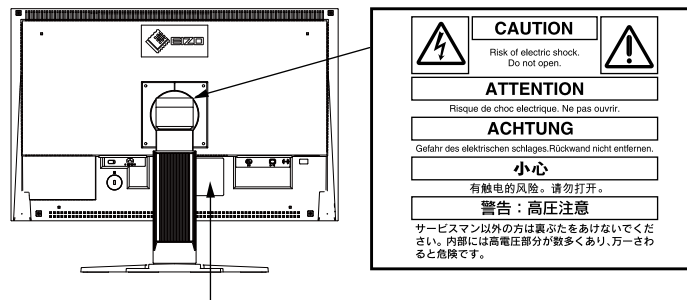The latest User's Manual is available for download from our site:
**http://www.eizo.com**

## How to Setup

Please read the Setup Guide (separate volume)

**EIZO**®

# [Location of Caution Statement]

Ex. Height adjustable stand

| CAUTION |
|---|
| Risk of electric shock. Do not open. |
| **ATTENTION** |
| Risque de choc electrique. Ne pas ouvrir. |
| **ACHTUNG** |
| Gefahr des elektrischen schlages. Rückwand nicht entfernen. |
| 小心 |
| 有触电的风险。请勿打开。 |
| 警告：高压注意 |
| サービスマン以外の方は裏ぶたをあけないでください。内部には高電圧部分が数多くあり、万一さわると危険です。 |

The equipment must be connected to a grounded main outlet.

Jordet stikkontakt skal benyttes når apparatet tilkobles datanett.

Apparaten skall anslutas till jordat nätuttag.

電源コードのアースは必ず接地してください。

这设备必须连接至接地主插座。

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

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This product has acquired TCO standard that relates to safety, ergonomics, environment and so forth of office equipment. For overview of the TCO, refer to our website.

http://www.eizo.com

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Product specification may vary with sales areas.

Confirm the specification in the manual written in language of the region of purchase.

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i•Sound is a trademark of EIZO NANAO CORPORATION.

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# 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

# Chapter 1  Features and Overview

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

## 1-1  Features

- 24" wide format LCD   Applicable to WUXGA (1920×1200)
- Built-in speakers and headphone jack

    1-2 "Controls and Functions" (page 5)

- Power saving function

  Suppressing the power consumption* reduces the carbon dioxide emissions.

  This product is equipped with various power saving functions.

    – Power Consumption when main power switch is Off: 0W

      Equipped with main power switch.

      Turning off the main power switch completely shuts off power supply to the monitor while the monitor is not used.

    – LED backlight LCD panel (EV2411W only)

      The LED backlight provides better power efficiency and reduced power consumption* compared to existing fluorescent backlight LCD panels.

      No mercury, a hazardous substance, is used.

    – Auto EcoView function

      The sensor on the front side of the monitor detects the environmental brightness to adjust the screen brightness automatically and comfortably.

      Excessively high brightness may lead a damage to the natural environment as well as to your eyes. Suppressing the excessively high brightness will be helpful to reduce the power consumption and the damage to your eyes.

      2-6 "Setting On/Off for the automatic brightness adjustment function [Auto EcoView]" (page 18)

    – EcoView Index function

      The green indicator shows the power consumption ratio responding to the brightness of the monitor. You can realize the power consumption reduction by taking consideration in the ratio of power saving.

      2-9 "Displaying the level of power saving by EcoView Index" (page 19)

- FineContrast function

    2-3 "To select the display mode (FineContrast mode)" (page 14)

- Applicable to DVI long cable

    3-2 "Adjusting the DVI Input Level [DVI Input Level]" (page 26)

- Portrait/Landscape display available
- The software "ScreenManager Pro for LCD (DDC/CI)" to adjust the screen using the mouse and keyboard is included

    2-1 "Utility Disk" (page 10)

- HDCP (High-bandwidth Digital Content Interface)
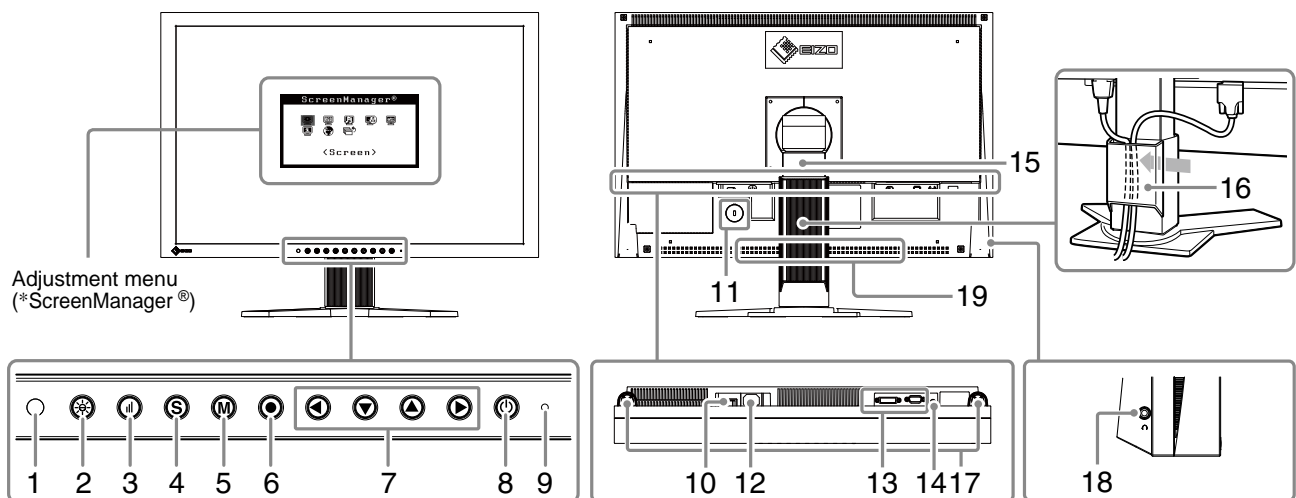- \* Reference values:

    - EV2411W

      Maximum power consumption: 43W (Luminance Max., at default settings)

      Standard power consumption: 19W (Luminance 120cd/m$^2$, at default settings)

    - S2402W

      Maximum power consumption: 54W (Luminance Max., at default settings)

      Standard power consumption: 27W (Luminance 120cd/m$^2$, at default settings)

    - Previous model (S2401W)

      Maximum power consumption: 100W (Luminance Max., at default settings)

      Standard power consumption: 34W (Luminance 120cd/m$^2$, at default settings)

**NOTE**

- This monitor supports the Portrait/Landscape display. This function allows you to change the orientation of the Adjustment menu when using the monitor screen in vertical display position. (Refer to "To set the orientation of the Adjustment menu [Orientation]" on page 22.)
- If you use the monitor with "Portrait" position, the setting may be required to change depending on the graphics board used in your PC. Refer to the manual of the graphics board for details.
- The stand of the unit can be replaced with an arm or another stand. (Refer to "5-1 Attaching an Arm" on page 29.)

# 1-2 Controls and Functions

Ex. Height adjustable stand

Adjustment menu
(*ScreenManager ®)

| 1 | **Sensor** | Detects ambient brightness. Auto EcoView function (page 18). |
|---|---|---|
| 2 | **Auto EcoView button** | Allows you to switch the Auto EcoView function On or Off (page 18). |
| 3 | **EcoView Index button** | Displays the EcoView index (page 19). |
| 4 | **Input Signal Selection button** | Switches input signals for display when two PCs are connected to the monitor (page 25). |
| 5 | **Mode button** | Allows you to switch the display mode (page 14). |
| 6 | **Enter button** | Displays the Adjustment menu, determines an item on the menu screen, and saves values adjusted (page 9). |
| 7 | **Control buttons (Left, Down, Up, Right)** | • Chooses an adjustment item or increases/decreases adjusted values for advanced adjustments using the Adjustment menu (page 9).<br>• ◀ or ▶ button: Displays the volume adjustment menu (page 7).<br>• ▲ or ▼ button: Displays the brightness adjustment menu (page 7). |
| 8 | **Power button** | Turns the power on or off. |
| 9 | **Power indicator** | Indicates monitor's operation status.<br>  Blue: Operating          Orange: Power saving          Off: Power off |
| 10 | **Main Power Switch** | Turns the main power on or off. |
| 11 | **Security lock slot** | Complies with Kensington's MicroSaver security system. |
| 12 | **Power connector** | Connects the power connector. |
| 13 | **Input signal connectors** | DVI-I Connector/D-Sub mini 15-pin connector |
| 14 | **Stereo mini jack** | Connects the stereo mini jack cable. |
| 15 | **Stand** | Used to adjust the height and angle of the monitor screen. |
| 16 | **Cable holder** | Covers the monitor cables. |
| 17 | **Speaker** | Outputs audio source. |
| 18 | **Headphone jack** | Connects the headphones. |
| 19 | **Option speaker (i·Sound L3) mounting holes** | Used to attach the option speaker (i·Sound L3). (May not allowed to attach the option speaker depending on the stand type.) |

* ScreenManager ® is an EIZO's nickname of the Adjustment menu. (For how to use ScreenManager, refer to the User's Manual on the CD-ROM.)

# 1-3 Compatible Resolutions/Frequencies

The monitor supports the following resolutions.

**Analog Input**

| Resolution | Frequency | Mode | Dot Clock |
|---|---|---|---|
| 640 × 480 | ~75 Hz | VGA, VESA | |
| 720 × 400 | 70 Hz | VGA TEXT | |
| 800 × 600 | ~75 Hz | VESA | |
| 1024 × 768 | ~75 Hz | VESA | |
| 1152 × 864 | 75 Hz | VESA | 202.5 MHz (Max.) |
| 1280 × 960 | 60 Hz | VESA | |
| 1280 × 1024 | ~75 Hz | VESA | |
| 1600 × 1200 | ~75 Hz | VESA | |
| *1 1680 × 1050 | 60 Hz | VESA CVT, VESA CVT RB | |
| *1 *2 1920 × 1200 | 60 Hz | VESA CVT, VESA CVT RB | |

**Digital Input**

| Resolution | Frequency | Mode | Dot Clock |
|---|---|---|---|
| 640 × 480 | 60 Hz | VGA | |
| 720 × 400 | 70 Hz | VGA TEXT | |
| 800 × 600 | 60 Hz | VESA | |
| 1024 × 768 | 60 Hz | VESA | |
| 1280 × 960 | 60 Hz | VESA | 162 MHz (Max.) |
| 1280 × 1024 | 60 Hz | VESA | |
| 1600 × 1200 | 60 Hz | VESA | |
| *1 1680 × 1050 | 60 Hz | VESA CVT, VESA CVT RB | |
| *1 *2 1920 × 1200 | 60 Hz | VESA CVT RB | |

*1   When displaying the wide format input signal, a graphics board in conformance with VESA CVT standard is required.
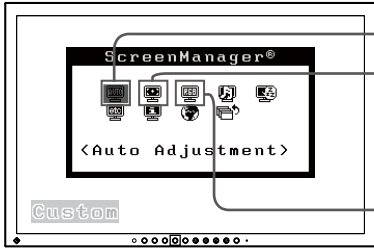
*2   Recommended resolution (Set this resolution)
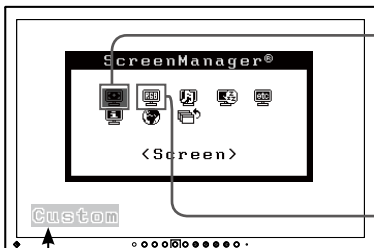
# 1-4 Functions and Basic Operation

## To adjust the screen and color

● **Main menu** (Refer to **page 9** for operation)

Analog input only

**[At analog signal input]**



**[At digital signal input]**



• The Adjustment menu and the FineContrast mode name cannot be displayed at the same time.
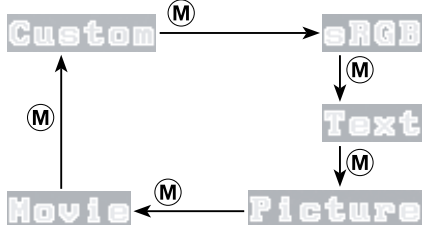
Ⓜ **FineContrast mode**

**Color Adjustment**  **Page 14**

**Simple Adjustment [FineContrast mode]**

This function allows easy selection of a desired mode from five modes according to monitor application.



• To adjust the brightness [Brightness]

 Press ▼ or ▲ to adjust brightness.



• Adjusting Volume [Volume]

 Press ◄ or ► to adjust volume.

 16

• Setting On/Off for the automatic brightness adjustment function [Auto EcoView]

 Press 🔅 to switch the setting.

• Displaying the level of power saving by EcoView Index

 Press ⅊ to display the level of power saving mode.



**1 Screen Adjustment (Automatic Adjustment)**  **Page 11**



• To adjust flickering and position
 [Screen]................................. see **page 11**
• To adjust color gradation automatically
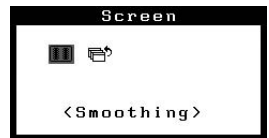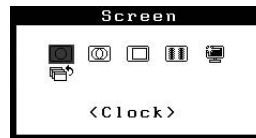 [Range] .................................. see **page 13**

**2 Screen Adjustment (Advanced Adjustment)**  **Page 12**

**[At analog signal input]**  **[At digital signal input]**



• To eliminate vertical bars [Clock*] ... see **page 12**
• To remove flickering or blurring
 [Phase*].................................. see **page 12**
• To correct screen position
 [Position*] ............................... see **page 13**
• To modify blurred characters/lines
 [Smoothing] ............................. see **page 13**
• To set when a noise appears on the screen
 [Signal Filter*] .......................... see **page 28**

* Items marked with * can be adjusted with analog input.

**Color Adjustment**  **Page 15**
**Advanced Adjustment**



• "Brightness", "Contrast", "Temperature", "Gamma", "Saturation", "Hue" and "Gain" can be set for each mode (Custom/sRGB/Text/Picture/Movie).
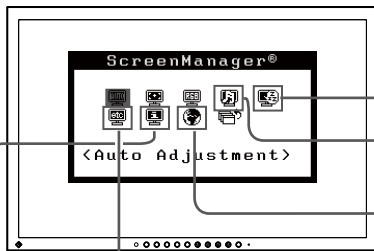 Settable functions vary with the FineContrast mode.

**Resuming the default settings**
• To reset color adjustment values
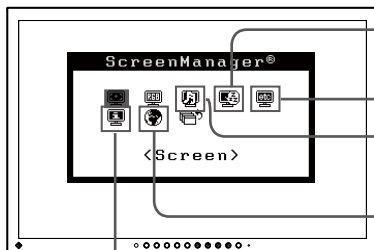 [Reset] .................................. see **page 24**

# To make useful settings/adjustments

⬤ **Adjustment menu (Refer to page 9 for operation)**

## [At analog signal input]

```
ScreenManager®
[icons]
<Auto Adjustment>
∘∘∘∘∘∘∘∘∘∘∘∘∘
```
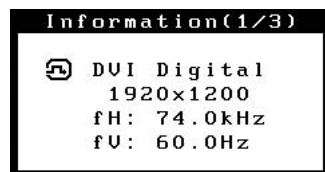
## [At digital signal input]

```
ScreenManager®
[icons]
<Screen>
∘∘∘∘∘∘∘∘∘∘∘∘∘
```

### Information                              **Page 22**

```
Information(1/3)
🔲 DVI Digital
   1920×1200
   fH: 74.0kHz
   fV: 60.0Hz
```

● Displaying Monitor Infomation [Information]

### Language                                 **Page 23**

```
Language
◉English    ○Deutsch
○Français   ○Español
○Italiano   ○Svenska
○简体中文     ○繁體中文
○日本語
```

● Setting Language [Language]

- - - - - - - - - - - - - - - - - - - - - -

● Locking Buttons ……………………… see page 22
● Enabling/Disabling DDC/CI communication
  [DDC/CI] ……………………………… see page 23
● Setting EIZO logo display ON/OFF … see page 23
● Adjusting the DVI Input Level
  [DVI Input Level] ……………………… see page 26

- - - - - - - - - - - - - - - - - - - - - -

### Power-save Settings

```
PowerManager™
[icons]
<Power Save>
```

● Setting On/Off for Power Saving mode
  [Power Save] ………………………see page 18
● Turning off the monitor automatically
  [Off Timer] …………………………see page 19
● Displaying the level of power saving by EcoView
  Index [EcoView Index] ……………see page 19

### Other Settings

```
Others
[icons]
<Screen Size>
```

● To set input signal selection
  [Input Signal] ……………………… see page 26
● To change screen size [Screen Size]
  …………………………………… see page 20
● To adjust brightness of non-display area
  [Border Intensity] …………………… see page 20
● To update menu settings
  [Menu Size/Menu Position/Menu Off Timer/
  Translucent] ………………………… see page 21
● To set the orientation of the Adjustment menu
  [Orientation] ………………………… see page 22
● Setting Power Indicator ON/OFF
  [Power Indicator] …………………… see page 23
● To reset all adjustments to the factory default
  settings [Reset] …………………… see page 24

### Sound Settings

```
Sound
[icons]
<Volume>
```
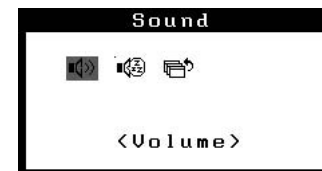
● Turning off the audio output at Power Saving
  mode [Power Save]………………… see page 17

## Basic operation of Adjustment menu

**[Displaying Adjustment menu and selecting function]**

(1) Press ⬤. The Main menu appears.

(2) Select a function with ▲ / ▼ / ◀ / ▶, and press ⬤. The Sub menu appears.

(3) Select a function with ▲ / ▼ / ◀ / ▶, and press ⬤. The adjustment/setting menu appears.

(4) Adjust the selected item with ▲ / ▼ / ◀ / ▶, and press ⬤. The setting is saved.

**[Exiting Adjustment menu]**

(1) Choose <Return> from the Sub menu and press ⬤. The Main menu appears.

(2) Choose <Exit> from the Main menu and press ⬤. The Adjustment menu quits.

**NOTE**

• The Adjustment menu can also be exited by pressing ⬤ twice quickly.

• <Exit> or <Return> can also be selected by pressing ▼ twice in the Main menu or Sub menu.

# Chapter 2 Settings and Adjustments

## 2-1 Utility Disk

An "EIZO LCD Utility Disk" (CD-ROM) is supplied with the monitor. The following table shows the disk contents and the overview of the application software programs.

● **Disk contents and software overview**

The disk includes color profiles, application software programs for adjustment, and User's Manual. Refer to "Readme.txt" or the "read me" file on the disk for software startup procedures or file access procedures.

| Item | Overview | OS |
|---|---|---|
| A "Readme.txt" or "read me" file | | |
| Color Profiles (ICC Profiles) | A specific file including the color characteristic information for the monitor. Used when performing the color management. | Windows 2000/XP/Vista Mac OS 9.2.2/X10.2 or later |
| Screen Adjustment Utility | Monitor pattern display software used when adjusting the image of the analog input signal manually. | Windows 2000/XP/Vista |
| Screen adjustment pattern files | Used when adjusting the image of the analog signal input manually. If the Screen Adjustment Utility is not applicable to your PC, use this pattern files to adjust the image. | |
| ScreenManager Pro for LCD (DDC/CI) | A software for adjusting the screen using the mouse and keyboard. | Windows Vista |
| EIZO ScreenSlicer | A software that divides a screen and lays out multiple windows efficiently. | Windows XP/Vista |
| User's Manual of this monitor (PDF file) | | |

## 2-2 Screen Adjustment

### Digital Input

When digital signals are input, images are displayed correctly based on the preset data of the monitor. When performing the advanced adjustment, see "2-3 Color Adjustment" (page 14) and its subsequence pages.

### Analog Input

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.

> **The auto adjust function works in the following cases:**
> • **When a signal is input into the monitor for the first time**
> • **When the resolution or Vertical/Horizontal Frequency not displayed before is set**

If the screen is not displayed correctly even after performing the auto adjustment, perform the screen adjustments according to the procedures on the following pages to use the monitor comfortably.

**[Adjustment Procedure]**

## 1 Perform the auto adjustment.

- **To adjust flickering, screen position, and screen size automatically [Screen]**
  (1) Choose <Screen> from the <Auto Adjustment> menu, and press (●).
      The <Auto Adjustment> menu appears.
  (2) Choose <Execute> with (▲) or (▼), and press (●).
      Flickering, screen position, and screen size are corrected by the auto-adjustment function.

## 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. If the "Screen Adjustment Utility" does not start, open the screen adjustment pattern files.
      For other than Windows PC: Use the screen adjustment pattern files.

> **If the screen is not displayed correctly even after adjusting in step 1 above, perform the adjustments according to the procedures on the following pages. When the screen is displayed correctly, go to step 5 "To adjust color gradation automatically [Range]".**

**Attention**
- Wait 30 minutes or more from monitor power on before starting adjustments.
- Auto adjust function does not work for the images under the resolution of 800 × 600 (SVGA).

**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 (command prompt window, for example) or when a black background (wallpaper, etc.) is in use.
- This function does not work correctly with some graphics boards.
- "Auto in Progress" appears on the screen during auto adjustment.

**NOTE**
- For how to open and use the screen adjustment pattern files, refer to "Readme.txt" or the "read me" file.

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

- **To adjust flickering, screen position, and screen size automatically [Screen]**
  (1) Display Pattern 1 in full screen on the monitor using the "Screen Adjustment Utility" or the screen adjustment pattern files.
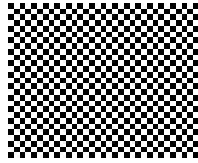
  

  (2) Choose <Screen> from the <Auto Adjustment> menu, and press ⬤.
      The <Auto Adjustment> menu appears.
  (3) Choose <Execute> with ▲ or ▼, and press ⬤.
      Flickering, screen position, and screen size are corrected by the auto-adjustment function.

---

**If the screen is not displayed correctly even after adjusting in step 3 above, perform the adjustments according to the procedures on the following pages. When the screen is displayed correctly, go to step 5 "To adjust color gradation automatically [Range]".**

---

# 4 Perform advanced adjustments for the following using the <Screen> menu of the Adjustment menu.

Adjust the clock, phase and position, in this order.
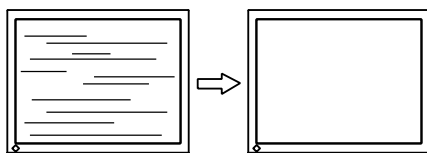
- **To eliminate vertical bars [Clock]**
  (1) Choose <Clock> from the <Screen> menu, and press ⬤.
      The <Clock> menu appears.
  (2) Adjust the clock with ◀ or ▶, and press ⬤.
      The adjustment is completed.
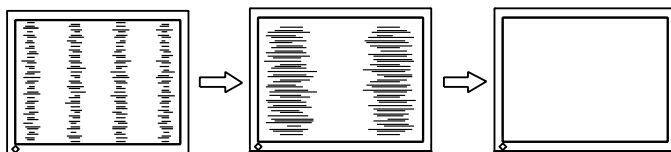
  

- **To remove flickering or blurring [Phase]**
  Adjustable range: 0 to 63
  (1) Choose <Phase> from the <Screen> menu, and press ⬤.
      The <Phase> menu appears.
  (2) Adjust the phase with ◀ or ▶, and press ⬤.
      The adjustment is completed.

  

NOTE
- Press the control button slowly so as not to miss the adjustment point.
- When blurring, flickering or bars appear on the screen after adjustment, proceed to [Phase] to remove flickering or blurring.

Attention
- Flickering or blurring may not be eliminated depending on your PC or graphics board.

● **To correct screen position [Position]**

(1) Choose <Position> from the <Screen> menu, and press (●).
The <Position> menu appears.

(2) Adjust the position with (▲) / (▼) / (◀) / (▶) to display the image properly in the display area of the monitor, and press (●)
The adjustment is completed.
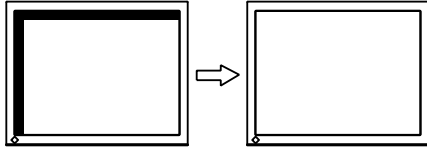


# 5 Adjust the color gradation.

● **To adjust color gradation automatically [Range]**

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 <Range> from the <Auto Adjustment> menu, and press (●).

(3) Choose "Execute" with (▲) or (▼), and press (●).
The output range is adjusted automatically.

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

# 6 Modify blurred characters or lines.

● **To modify blurred characters/lines [Smoothing]**

When a image is displayed with a resolution other than the recommendation, the characters or lines of the displayed image may be blurred.
Adjustable range: 1 to 5

(1) Choose <Screen> from the Adjustment menu, and press (●).

(2) Choose <Smoothing> from the <Screen> menu, and press (●).
The <Smoothing> menu appears.

(3) Adjust the characters/lines with (◀) or (▶), and press (●).
The adjustment is completed.

NOTE
• 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.
• When vertical bars appear on the screen after adjustment, go back to "To eliminate vertical bars [Clock]". (Clock → Phase → Position)

Attention
• Smoothing setting may not be required depending on the display resolution. (You cannot choose the smoothing icon.)

# 2-3 Color Adjustment

## ● To select the display mode (FineContrast mode)

FineContrast allows you to select the best display mode easily according to the monitor's application.

FineContrast mode

| Mode | Purpose |
|------|---------|
| Custom | Available to change all setting values. |
| sRGB | Suitable for color matching with sRGB compatible peripherals. |
| Text | Suitable for displaying texts for word processing or spreadsheets. |
| Picture | Suitable for displaying images such as photos or picture images. |
| Movie | Suitable for playing back animated images. |

Displays the current mode.

𝕮𝖚𝖘𝖙𝖔𝖒
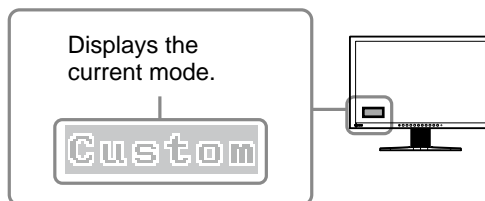
(1) Press (M).

The FineContrast mode name appears at the lower left of the screen.

(2) One of five modes is displayed in turn each time (M) is pressed.
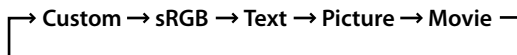
→ **Custom** → **sRGB** → **Text** → **Picture** → **Movie** ↴

NOTE
- The Adjustment menu and the FineContrast mode name cannot be displayed at the same time.
- "ScreenManager Pro for LCD" allows you to select the FineContrast mode automatically according to the application used.
  (Refer to "Chapter 3 Auto FineContrast" on the User's Manual for "ScreenManager Pro for LCD".)

● **To perform advanced adjustments**

Independent setting and saving of color adjustment are available for each FineContrast mode.

● **Adjustment items in each mode**

According to the FineContrast mode selected, the adjustable function differs.
√ : Adjustment available   −: Invalid for adjustment

| Icon | Function | FineContrast mode | | | | |
|---|---|---|---|---|---|---|
| | | Custom | sRGB | Text | Picture | Movie |
| ☼ | Brightness | √ | √ | √ | √ | √ |
| ◑ | Contrast | √ | − | √ | √ | √ |
| K | Temperature | √ | − | √ | √ | √ |
| | Gamma | √ | − | √ | − | − |
| | Saturation | √ | − | √ | √ | √ |
| | Hue | √ | − | √ | √ | √ |
| | Gain | √ | − | − | − | − |
| | Reset | √ | √ | √ | √ | √ |

● **To adjust the brightness [Brightness]**

The screen brightness is adjusted by changing the brightness of the backlight (Light source from the LCD back panel).
   Adjustable range: 0 to 100%

(1) Choose <Color> from the Adjustment menu, and press (●).
(2) Choose <Brightness> from the <Color> menu, and press (●).
   The <Brightness> adjustment menu appears.
(3) Adjust the brightness with (◀) or (▶), and press (●).
   The adjustment is completed.

● **To adjust the contrast [Contrast]**

The luminance of the screen is adjusted by varying the video signal level.
   Adjustable range: 0 to 100%

(1) Choose <Color> from the Adjustment menu, and press (●).
(2) Choose <Contrast> from the <Color> menu, and press (●).
   The <Contrast> adjustment menu appears.
(3) Adjust the contrast with (◀) or (▶), and press (●).
   The adjustment is completed.

**Attention**
- Wait 30 minutes or more from monitor power on before starting the color adjustment.
- Perform the range adjustment first when adjusting color for analog input signals.
  (Refer to "To adjust color gradation automatically" on page 13).
- 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 values shown in "%" or "K" are available only as reference.
- Using the "ScreenManager Pro for LCD" allows you to perform the color adjustment by using the mouse and keyboard of your PC. The adjusted status can be registered as a color data and restore the data later. (Refer to "Chapter 4 Color Adjustment" on the User's Manual for "ScreenManager Pro for LCD".)

**NOTE**
- You can also adjust the brightness by pressing (▼) or (▲) without displaying the adjustment menu.

**NOTE**
- In the contrast of 50%, every color gradation is displayed.
- When adjusting the monitor, it is recommended to perform the brightness adjustment which may not lose the gradation characteristics, prior to the contrast adjustment. Perform the contrast adjustment in the following cases.
  – When you feel the image is bright even if the brightness is set to 0%.
  – When you feel the black level of the screen is bright (Set the brightness down and the contrast to higher than 50%).

### ● To adjust the color temperature [Temperature]

The color temperature can be adjusted. The color temperature is normally used to express the hue of "White" and/or "Black" by a numerical value. The value is expressed in degrees "K" (Kelvin).

In the same way as the flame temperature, the image on the monitor is displayed reddish if the color temperature is low and is bluish if the color temperature is high. The gain preset values are set for each color temperature setting value.

| 5000K | The white color image is displayed reddish. The 5000K or 6000K is usually used in the printing industry. |
| 6500K | The white color image is displayed in warm white like paper white. The temperature is suitable to display photographs or video images. |
| 9300K | The white color image is displayed slightly bluish white. |

Adjustable range:  Off, 4000K-10000K (specified by every 500K unit, including 9300K)

(1)  Choose <Color> from the Adjustment menu, and press (●).
(2)  Choose <Temperature> from the <Color> menu, and press (●).
    The <Temperature> adjustment menu appears.
(3)  Adjust the color temperature with (◀) or (▶), and press (●).
    The adjustment is completed.

### ● To adjust the gamma value [Gamma]

The gamma value can be adjusted. The luminance of the monitor varies depending on the input signal, however, the variation rate is not proportional to the input signal. To keep the balance between the input signal and the luminance of the monitor is called as "Gamma correction".

Adjustable range: 1.8, 2.0, 2.2

(1)  Choose <Color> from the Adjustment menu, and press (●).
(2)  Choose <Gamma> from the <Color> menu, and press (●).
    The <Gamma> adjustment menu appears.
(3)  Adjust the gamma value with (◀) or (▶), and press (●).
    The adjustment is completed.

### ● To adjust the color saturation [Saturation]

This function allows you to adjust the saturation of the color on the monitor.
Adjustable range: -128 to 127

(1)  Choose <Color> from the Adjustment menu, and press (●).
(2)  Choose <Saturation> from the <Color> menu, and press (●).
    The <Saturation> adjustment menu appears.
(3)  Adjust the saturation of the color with (◀) or (▶), and press (●).
    The adjustment is completed.

**NOTE**
- You cannot adjust the value if the icon is not displayed, depending on the FineContrast mode selected. (See "Adjustment items in each mode" on page 15.)
- [Gain] allows you to perform more advanced adjustment (See "To adjust the gain value" on page 17).
- If you set to [Off], the image is displayed in the preset color of the monitor (Gain: 100% for each RGB).
- When changing the gain value, the color temperature adjusting range is changed to "Off".

**NOTE**
- You cannot adjust the value if the icon is not displayed, depending on the FineContrast mode selected. (See "Adjustment items in each mode" on page 15.)

**Attention**
- This function does not enable to display every color gradation.

**NOTE**
- You cannot adjust the value if the icon is not displayed, depending on the FineContrast mode selected. (See "Adjustment items in each mode" on page 15.)
- Setting the minimum (-128) turns the image to a monochrome screen.

● **To adjust the hue [Hue]**

This function allows you to adjust the hue. If you set the hue to a high value, the image turns greenish. If low, the image turns purplish.

    Adjustable range: -32 to 32

(1) Choose <Color> from the Adjustment menu, and press (●).
(2) Choose <Hue> from the <Color> menu, and press (●).
    The <Hue> adjustment menu appears.
(3) Adjust the hue with (◄) or (►), and press (●).
    The adjustment is completed.

● **To adjust the gain value [Gain]**

Each luminance of red/green/blue composing the color is called "Gain". The gain adjustment may change the color tone of the "White" (when the max input signal for each color is obtained)

    Adjustable range: 0 to 100%

(1) Choose <Color> from the Adjustment menu, and press (●).
(2) Choose <Gain> from the <Color> menu, and press (●).
    The <Gain> adjustment menu appears.
(3) Adjust the respective value of Red, Green or Blue with (◄) or (►), and press (●).
    The adjustment is completed.

## 2-4   Adjusting Volume [Volume]

This function allows you to adjust volume up or down.

    Adjustable range: 0 to 20

(1) Choose <Sound> from the Adjustment menu, and press (●).
(2) Choose <Volume> from the <Sound> menu, and press (●).
    The volume adjustment menu appears.
(3) Adjust the volume with (◄) or (►), and press (●).
    The adjustment is completed.

## 2-5   Turning off the audio output at Power Saving mode [Power Save]

This monitor allows you to turn off the audio output from the speakers/headphone at the power saving mode.

(1) Choose <Sound> from the Adjustment menu, and press (●).
(2) Choose <Power Save> from the <Sound> menu, and press (●).
    The <Power Save> setting menu appears.
(3) Select "On" or "Off" with (▲) or (▼), and press (●).
    The setting is completed.

**Attention**
• This function does not enable to display every color gradation.

**NOTE**
• You cannot adjust the value if the icon is not displayed, depending on the FineContrast mode selected. (See "Adjustment items in each mode" on page 15.)

**Attention**
• This function does not enable to display every color gradation.

**NOTE**
• You cannot adjust the value if the icon is not displayed, depending on the FineContrast mode selected. (See "Adjustment items in each mode" on page 15.)
• The gain value may change depending on the value of the color temperature.
• When changing the gain value, the color temperature adjusting range is changed to "Off".

**NOTE**
• You can also adjust volume by pressing (◄) or (►) without displaying the adjustment menu.

## 2-6 Setting On/Off for the automatic brightness adjustment function [Auto EcoView]

The sensor on the front side of the monitor detects the environmental brightness to adjust the screen brightness automatically and comfortably by using the Auto EcoView function.

(1) Press ⊛.

The <Auto EcoView> setting menu appears.

(2) The On/Off setting is toggled by pressing ⊛.

## 2-7 Setting On/Off for Power Saving mode [Power Save]

This function allows you to set the monitor into the power saving mode according to the PC status.

(1) Choose <PowerManager> from the Adjustment menu, and press (●).

(2) Choose <Power Save> from the <PowerManager> menu, and press (●).

The <Power Save> setting menu appears.

(3) Select "On" or "Off" with (▲) or (▼), and press (●).

The setting is completed.

### ■ Analog input

This monitor complies with the VESA DPMS standard.

**[Power Saving System]**

| PC | | Monitor | Power Indicator |
|----|---|---------|-----------------|
| Operating | | Operating | Blue |
| Power saving | STAND-BY SUSPENDED OFF | Power saving | Orange |

### ■ Digital input

This monitor complies with the DVI DMPM standard.

**[Power Saving System]**

The monitor enters the power saving mode in five seconds in connection with the PC setting.

| PC | Monitor | Power Indicator |
|----|---------|-----------------|
| Operating | Operating | Blue |
| Power saving | Power saving | Orange |

## 2-8 Turning off the monitor automatically [Off Timer]

This function allows you to switch the setting to turn off the monitor automatically after a specified time has passed at the power saving mode.

Adjustable range: Disable, Enable (0, 1, 2, 3, 5, 10, 15, 20, 25, 30, 45 min, 1-5h)

(1) Choose <PowerManager> from the Adjustment menu, and press (●).

(2) Choose <Off Timer> from the <PowerManager> menu, and press (●).

The <Off Timer> setting menu appears.

(3) Select "Enable" or "Disable" with (▲) or (▼).

When selecting "Enable", set a monitor Off time with (◄) or (►).

(4) Press (●).

The setting is completed.

## 2-9 Displaying the level of power saving by EcoView Index

This function allows you to display the power saving level by green indicator. The power saving ratio comes to high as the indicator level meter lights towards right.

(1) Press (◫).

The EcoView Index menu appears.

| NOTE |
- EcoView Index appears when adjusting brightness or switching the FineContrast mode, etc.
You can switch the on/off setting of displaying EcoView Index in <EcoView Index> menu from the <PowerManager> menu.

# 2-10 Screen Size Selection

● **To change screen size [Screen Size]**

The image with the resolution other than the recommended resolution is displayed in full screen automatically. You can change the screen size by using <Screen Size> from <Others> menu.

| Menu | Function |
|---|---|
| Full Screen (default setting) | Displays an image in full screen. Images are distorted in some cases because the vertical rate is not equal to the horizontal rate. |
| Enlarged | Displays an image in full screen. In some cases, a blank horizontal or vertical border appears to equalize the vertical rate and the horizontal rate. |
| Normal | Displays images with the specified resolution. |

Example: Image size 1280 x 1024 in case of EV2411W



Full Screen (Default setting) (1920 x 1200)    Enlarged (1500×1200)    Normal (1280×1024)
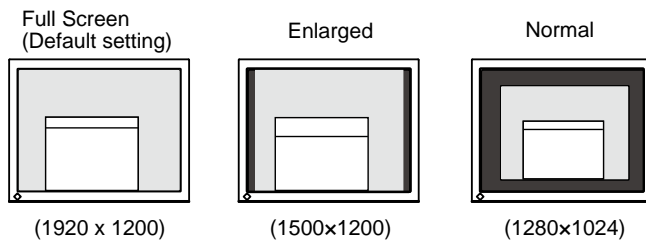
(1) Choose <Others> from the Adjustment menu, and press (●).
(2) Choose <Screen Size> from the <Others> menu, and press (●).
   The screen size setting window appears.
(3) Select "Full Screen," "Enlarged," or "Normal" with (▲) or (▼), and press (●).
   The screen size setting is completed.

● **To adjust brightness of non-display area [Border Intensity]**

A border (black area with no image) around the image appears in the "Normal" or "Enlarged" mode.
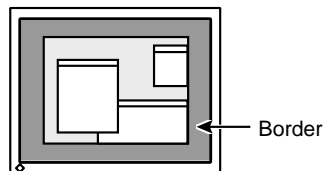


Border

(1) Choose <Others> from the Adjustment menu, and press (●).
(2) Choose <Border Intensity> from the <Others> menu, and press (●).
   The <Border Intensity> menu appears.
(3) Adjust border intensity with (◀) or (▶), and press (●).
   The border intensity adjustment is completed.

# 2-11 Setting Adjustment Menu Display

● **To update menu settings [Menu Size/Menu Position/Menu Off Timer/Translucent]**

## Menu Size

Change the Adjustment menu size using the following procedure.

(1) Choose <Others> from the Adjustment menu, and press (●).
(2) Choose <Menu Settings> from the <Others> menu, and press (●).
(3) Choose <Menu Size> from the <Menu Settings> menu, and press (●).
   The <Menu Size> menu appears.
(4) Select "Normal" or "Enlarged" with (▲) or (▼), and press (●).
   The setting is completed.

## Menu Position

Adjust the menu position using the following procedure.

(1) Choose <Others> from the Adjustment menu, and press (●).
(2) Choose <Menu Settings> from the <Others> menu, and press (●).
(3) Choose <Menu Position> from the <Menu Settings> menu, and press (●).
   The <Menu Position> menu appears.
(4) Select a menu position with (▲) / (▼) / (◀) / (▶), and press (●).
   The setting is completed.

## Menu Off Timer

Set the menu display time using the following procedure.
   Adjustment range: Disable, Enable (15, 30, 45, 60s)

(1) Choose <Others> from the Adjustment menu, and press (●).
(2) Choose <Menu Settings> from the <Others> menu, and press (●).
(3) Choose <Menu Off Timer> from the <Menu Settings> menu, and press (●).
   The <Menu Off Timer> menu appears.
(4) Select "Enable" or "Disable" with (▲) or (▼).
   When selecting "Enable", choose a time for displaying menu with (◀) or (▶).
(5) Press (●).
   The setting is completed.

## Translucent

Set the transparency for menu display using the following procedure.

(1) Choose <Others> from the Adjustment menu, and press (●).
(2) Choose <Menu Settings> from the <Others> menu, and press (●).
(3) Choose <Translucent> from the <Menu Settings> menu, and press (●).
   The <Translucent> menu appears.
(4) Adjust the transparency for menu display with (◀) or (▶), and press (●).
   The setting is completed.

NOTE
• The display time of the FineContrast mode and EcoView Index remains unchanged.

## 2-12 Setting Orientation

● **To set the orientation of the Adjustment menu [Orientation]**

This function allows you to change the orientation of the Adjustment menu when using the monitor screen in vertical display position.

(1) Choose <Others> from the Adjustment menu, and press ( ● ).

(2) Choose <Orientation> from the Others menu, and press ( ● ).
The <Orientation> menu appears.

(3) Select "Landscape" or "Portrait" with ( ▲ ) or ( ▼ ), and press ( ● ).
The setting is completed.

(4) When selecting "Portrait", turn the monitor screen 90° in clockwise direction.

## 2-13 Locking Buttons

This function allows you to lock ( ● ) to prevent changing the adjusted/set status.

(1) Press ( ⏻ ) to turn off the monitor.

(2) Press ( ⏻ ) holding ( S ) down to turn on the monitor.
The Lock/Unlock setting is toggled by performing the operation in step 2.

## 2-14 Displaying Monitor Information [Information]

This function allows you to display the input signal status, current resolution and model name.

Information 1/3 : Input signal status (analog/digital), resolution and H/V frequency

Information 2/3 : Enable/Disable setting for DDC/CI

Information 3/3 : Model name, serial number and usage time

(1) Choose <Information> from the Adjustment menu, and press ( ● ).
The <Information> menu appears.

(2) Then, press ( ● ) to check settings, etc.

## 2-15 Enabling/Disabling DDC/CI communication [DDC/CI]

This function allows you to enable/disable the DDC/CI communication.

(1) Press ⏻ to turn off the monitor.

(2) Press ⏻ holding Ⓜ down to turn on the monitor.

The Enable/Disable setting is toggled by performing the operation in step 2.

## 2-16 Setting Power Indicator ON/OFF [Power Indicator]

This function allows you to set the power indicator (blue) ON/OFF in the monitor ON condition.

(1) Choose <Others> from the Adjustment menu, and press ⊙.

(2) Choose <Power Indicator> from the <Others> menu, and press ⊙.

The <Power Indicator> menu appears.

(3) Select "Enable" or "Disable" with ▲ or ▼, and press ⊙.

The setting is completed.

## 2-17 Setting Language [Language]

This function allows you to select a language for the adjustment menu or displaying message.

**Selectable languages**

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

(1) Choose <Language> menu from the Adjustment menu, and press ⊙.

The <Language> menu appears.

(2) Choose a language with ▲ / ▼ / ◄ / ►, and press ⊙.

The setting is completed.

## 2-18 Setting EIZO logo display ON/OFF

The EIZO logo appears on the display when turning on the monitor. This function allows you to display, or not, the EIZO logo.

(1) Press ⏻ to turn off the monitor.

(2) Press ⏻ holding ⊙ down to turn on the monitor.

The EIZO logo display setting is toggled by performing the operation in step 2.

## 2-19 Resuming the Default Setting [Reset]

There are two types of Reset. One is to reset the color adjustment only to the default settings, and the other is to reset all the settings to the default settings.

### ● To reset color adjustment values

Only the adjustment values in the current FineContrast mode will revert to the default settings (factory settings).

(1) Choose <Color> from the Adjustment menu, and press ⊙.
(2) Choose <Reset> from the <Color> menu and press ⊙.
    The <Reset> menu appears.
(3) Select <Reset> with ▲ or ▼, and press ⊙.
    The color adjustment values revert to the default settings.

### ● To reset all adjustments to the factory default settings

Reset all adjustments to the factory default settings.

(1) Choose <Others> from the Adjustment menu, and press ⊙.
(2) Choose <Reset> from the <Others> menu, and press ⊙.
    The <Reset> menu appears.
(3) Select <Reset> with ▲ or ▼, and press ⊙.
    All setting values revert to the default settings.

# Chapter 3 Connecting Cables

## 3-1 Connecting Two PCs to the Monitor

Two PCs can be connected to the monitor through the DVI-D and the D-Sub mini 15 pin connector on the back of the monitor.

**Connection examples**

DVI-D connector

D-Sub mini
15-pin Connector

To PC 1

To PC 2

DVI-D connector

D-Sub mini 15-pin
Connector

Signal cable
(Digital) FD-C39

Signal cable
MD-C87
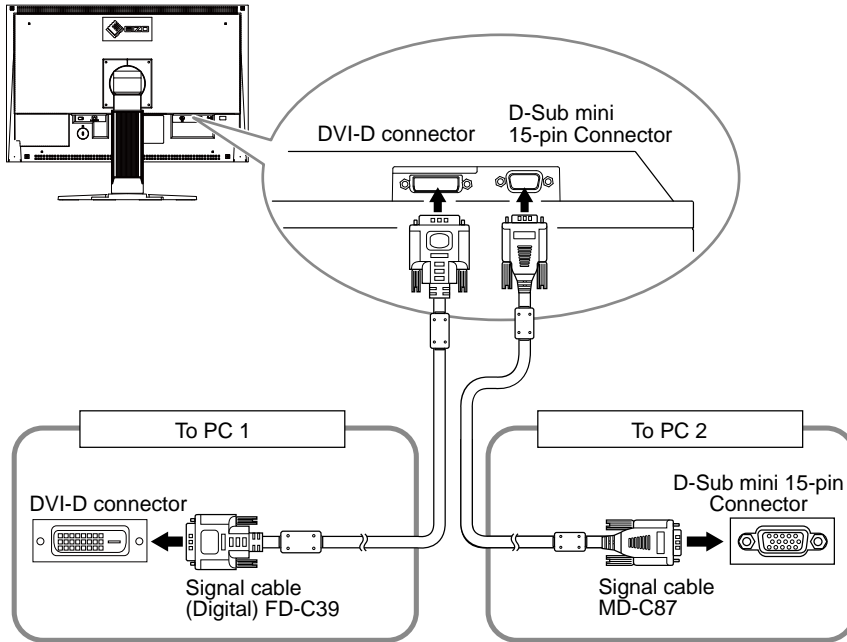
● **To switch the input signal**

The input signal switches each time ⓢ is pressed.
When the signal is switched, the active input port name appears at the top right corner of the screen.
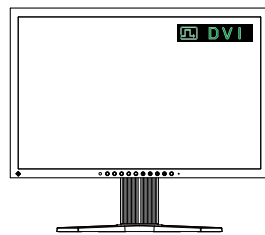
● **To set input signal selection [Input Signal]**

The monitor recognizes the connector through which PC signals are input. When either PC is turned off or enters the power-saving mode, the monitor automatically displays signals of another PC.

| Priority setting | Function |
|---|---|
| Auto | When either PC is turned off or enters the power-saving mode, the monitor automatically displays signals of another PC. |
| Manual | The monitor detects only the PC's signals currently displaying automatically. Select an active input signal with (S). |

**[Input signal setting]**

(1) Choose <Others> from the Adjustment menu, and press (●).

(2) Choose <Input Signal> from the <Others> menu, and press (●).
    The <Input Signal> menu appears.

(3) Select "Auto" or "Manual" with (▲) or (▼), and press (●).
    The setting is completed.

# 3-2    Adjusting the DVI Input Level [DVI Input Level]

This function allows you to adjust the DVI signal input level when using a DVI long cable.

    Adjustment range: Auto, Manual (1 to 8)

(1) Press (⏻) to turn off the monitor.

(2) Press (⏻) holding (ⅲ) down to turn on the monitor.
    The <DVI Input Level> adjustment menu appears.

(3) Select "Auto" or "Manual" with (▲) or (▼).
    When selecting "Manual", adjust the input level with (◀) or (▶) to display correctly.

(4) Press (●).
    The adjustment is completed.

NOTE
• When "Auto" is selected for <Input Signal>, the monitor's power-saving function works only when the two PCs are in the power-saving mode.
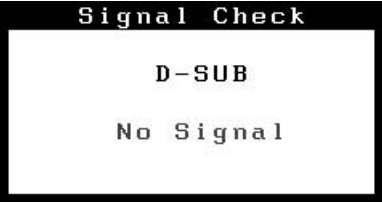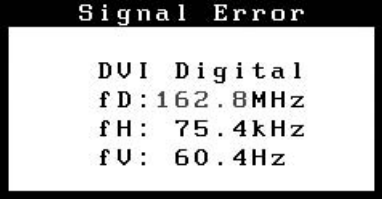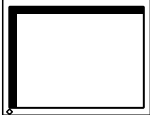
Attention
• Select "Manual" only if a noise appears on the screen when using a DVI long cable.

# Chapter 4 Troubleshooting

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

- No-picture problems → See No.1 - No.2.
- Imaging problems (digital input) → See No.3 - No.8.
- Imaging problems (analog input) → See No.3 - No.12.
- Other problems → See No.13 - No.17.

| Problems | Possible cause and remedy |
|---|---|
| **1. No picture**<br>• Power indicator does not light. | • Check whether the power cord is connected correctly. If the problem persists, turn off the monitor, and then turn it on again a few minutes later.<br>• Turn the main power switch on.<br>• Press (⏻). |
| • Power indicator is lighting blue. | • Set each adjusting value in [Brightness], [Contrast] and [Gain] to higher level. (see page 15, 17)<br>• When using the long DVI cable, adjust the DVI input level using [DVI Input Level]. (see page 26) |
| • Power indicator is lighting orange. | • Switch the input signal with (S).<br>• Operate the mouse or keyboard.<br>• Check whether the PC is turned on. |
| **2. The message below appears.** | This message appears when the signal is not input correctly even when the monitor functions properly. |
| • This message appears when no signal is input.<br><br>Signal Check<br><br>D-SUB<br><br>No Signal | • The message shown left may appear, because some PCs do not output the signal soon after power-on.<br>• Check whether the PC is turned on.<br>• Check whether the signal cable is connected properly.<br>• Switch the input signal with (S).<br>• When using the long DVI cable, adjust the DVI input level using [DVI Input Level]. (see page 26) |
| • The message shows that the input signal is out of the specified frequency range. (Such signal frequency is displayed in red.)<br>Example:<br><br>Signal Error<br><br>DVI Digital<br>fD:162.8MHz<br>fH: 75.4kHz<br>fV: 60.4Hz | • Check whether the signal setting of your PC matches the resolution and the vertical frequency settings for the monitor. (see page 6)<br>• Reboot the PC.<br>• Select an appropriate display mode using the graphics board's utility. Refer to the manual of the graphics board for details.<br>    fD : Dot Clock<br>       (Displayed only when the digital signal inputs)<br>    fH : Horizontal Frequency<br>    fV : Vertical Frequency |
| **3. The screen is too bright or too dark.** | • Adjust using [Brightness] or [Contrast]. (The LCD monitor backlight has a fixed life span. When the screen becomes dark or begins to flicker, contact your local dealer.)<br>• Turn on the Auto EcoView function. The monitor detects the environmental brightness to adjust the screen brightness automatically. |
| **4. Characters are blurred.** | • Check whether the signal setting of your PC matches the resolution and the vertical frequency settings for the monitor. (see page 6)<br>• Adjust using [Smoothing]. (see page 13) |
| **5. Afterimages appear.** | • Use a screen saver or off timer function for a long-time image display.<br>• Afterimages are particular to LCD monitors. Avoid displaying the same image for a long time. |

| Problems | Possible cause and remedy |
|---|---|
| 6. **Green/red/blue/white dots or defective dots remain on the screen.** | • This is due to LCD panel characteristics and is not a failure. |
| 7. **Interference patterns or pressure marks remain on the screen.** | • Leave the monitor with a white or black screen. The symptom may disappear. |
| 8. **Noise appears on the screen.** | • When entering the singnals of analog input, change the setting to "On" in <Signal Filter> from the <Screen> menu.<br>• When entering the signals of HDCP system, the normal images may not be displayed immediately.<br>• When using the long DVI cable, adjust the DVI input level using [DVI Input Level]. (see page 26) |
| 9. **Display position is incorrect.** | • Adjust image position so that it is displayed properly within the display area using [Position]. (see page 13)<br>• If the problem persists, use the graphics board's utility if available to change the display position. |
| 10. **Vertical bars appear on the screen or a part of the image is flickering.** | • Adjust using [Clock]. (see page 12) |
| 11. **Whole screen is flickering or blurring.** | • Adjust using [Phase]. (see page 12) |
| 12. **Upper part of the screen is distorted as shown below.** | • This is caused when both composite sync (X-OR) signal and separate vertical sync signal are input simultaneously. Select either composite signal or separate signal. |
| 13. **The <Smoothing> icon on the Adjustment menu <Screen> cannot be selected.** | • Smoothing setting may not be required depending on the display resolution. (You cannot choose the smoothing icon.)<br>• <Smoothing> is disabled when the screen is displayed in the following resolutions.<br>  • 1920 × 1200<br>  • Select [Enlarged] during <Screen Size> in the resolution of 1600 × 1200<br>  • Select [Normal] during <Screen Size>. |
| 14. **The adjustment menu does not appear.** | • Check whether the operation lock function works. (see page 22) |
| 15. **The FineContrast mode is not displayed.** | • Check whether the Main menu of Adjustment menu is displayed. (see page 7) |
| 16. **The auto adjust function does not work correctly.** | • This function does not work when digital signal is input.<br>• Check whether the operation lock function works. (see page 22)<br>• This function does not work correctly with some graphics boards. |
| 17. **No audio output.** | • Check whether the mini jack cable is correctly connected.<br>• Check whether volume is set to 0.<br>• Check the setting of the PC and the audio playback software. |

# Chapter 5 Reference

## 5-1 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.

**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.
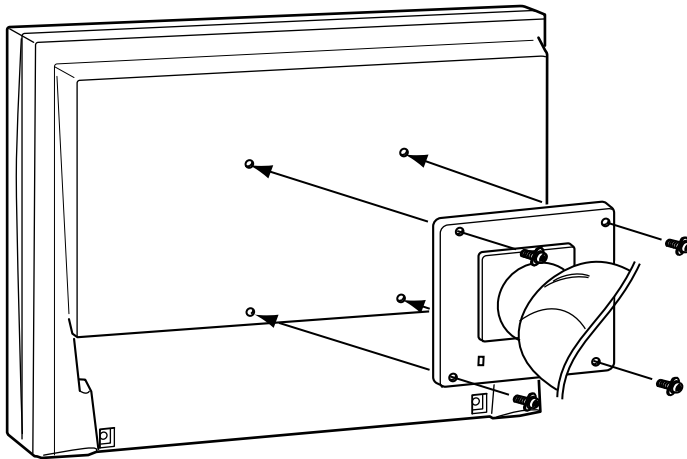


**Attention**

- 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.
  – 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.
  Use the screws as described below.
  – EZ-UP stand
  Free mount type:
  The screws supplied with this monitor (M4 × 12mm)
  – Height adjustable stand FlexStand:
  The screws fixing the stand to the monitor
- When using an arm or stand, attach it to meet the following tilt angles of the monitor.
  – Up 45 degrees, down 45 degrees (horizontal display, and vertical display rotated 90 degrees clockwise)
- Connect the cables after attaching an arm.

# 5-2 Folding the EZ-UP stand

Perform the following procedures to fold the stand when re-packing a monitor
with an EZ-UP stand.

### *1* Remove the cable holder.

### *2* Lower the monitor screen position until the hinge of the stand touches the stand base, and attach the lock metal fitting.

Adjust the monitor angle so as the monitor screen not to touch the stand
base.



Lock metal fitting

Hinge

Stand Base
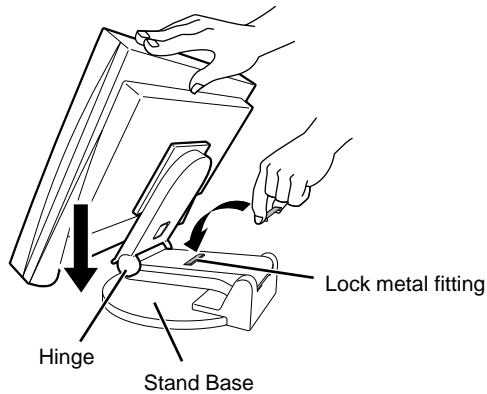
### *3* Fall the monitor screen backward with keeping slide-up the "Unlock" knob.

When maximally tilting (25º) the monitor screen backward, the "Unlock"
knob may be hard to be slid-up. Then, slightly tilt up the monitor to
vertical direction and slide-up the "Unlock" knob.



"Unlock" knob
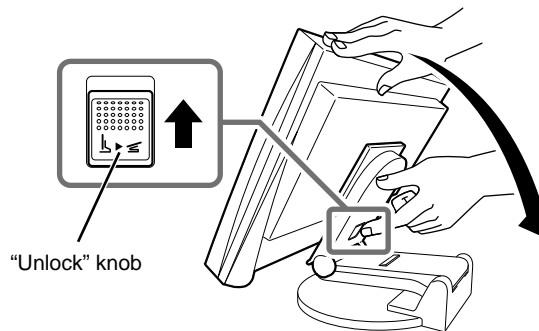
# 5-3  Specifications

**EV2411W**

| | | |
|---|---|---|
| LCD Panel | | 24.1-inch (610 mm) TFT color LCD with anti-glare<br>Viewing angle: Horizontal 170°, Vertical 160° (CR:10 or more) |
| Dot Pitch | | 0.270mm |
| Horizontal Scan Frequency | | Analog: 31-94kHz<br>Digital: 31-76kHz |
| Vertical Scan Frequency | | Analog: 55-76Hz (Non-interlace)<br>(1920 × 1200: 55-61Hz)<br>Digital: 59-61Hz (Non-interlace)<br>(VGA TEXT: 69-71Hz) |
| Resolution | | 1920 dots × 1200 lines |
| Max. Dot Clock | | Analog: 202.5MHz<br>Digital: 162MHz |
| Max. Display Color | | Approx. 16.77 million colors: Applicable to 8 bit (1064.33 million colors/10bit LUT) |
| Display Area (H × V) | | 518.4mm × 324.0mm |
| Power Supply | | 100-120 VAC ±10%, 50/60Hz 0.75A<br>200-240 VAC ±10%, 50/60Hz 0.45A |
| Power Consumption | Screen Display On | 45W or less (Speaker working)<br>43W or less (Speaker not working) |
| | Power saving mode | 0.8W or less (for single signal input, when stereo mini jack cable is not connected) |
| | Power button Off | 0.6W or less (when stereo mini jack cable is not connected) |
| | Main Power switch Off | 0W |
| Input Signal Connector | | DVI-D connector (Applicable to HDCP), D-Sub mini 15-pin |
| Analog Input Signal (Sync) | | Separate, TTL, positive/ negative<br>Composite, TTL, positive/ negative |
| Analog Input Signal (Video) | | Analog, Positive (0.7Vp-p/75Ω) |
| Digital Signal Transmission System | | TMDS (Single Link) |
| Video Signal Memory | | Analog signal: 45 (preset: 22)<br>Digital signal: 10 |
| Audio Output | | Speaker output: 0.5W + 0.5W (8Ω, THD: 3% or less)<br>Headphone output: 2mW + 2mW |
| Line input | | Input impedance : 48 kΩ (typ.)<br>Input level :1.0 Vrms (Max.) |
| Plug & Play | | VESA DDC 2B / EDID structure 1.3 |
| Dimensions (Width) × (Height) × (Depth) | Main unit (including Height adjustable stand) | 566 mm (22.3 inch) × 456 - 538 mm (18.0 - 21.2 inch) × 208.5 mm (8.2 inch) |
| | Main unit (including EZ-UP stand) | 566 mm (22.3 inch) × 380.4 - 533.5 mm (15.0 - 21.0 inch) × 279.9 mm - 307.6 mm (11.0 - 12.1 inch) |
| | Main unit (without stand) | 566 mm (22.3 inch) × 367 mm (14.4 inch) × 85 mm (3.35 inch) |
| Mass | Main unit (including Height adjustable stand) | Approx. 10.2 kg (22.5 lbs.) |
| | Main unit (including EZ-UP stand) | Approx. 12.0 kg (26.5 lbs.) |
| | Main unit (without stand) | Approx. 7.2 kg (15.9 lbs.) |

| Movable range | Height adjustable stand | Tilt: 40° Up, 0° Down<br>Swivel: 35° Right, 35° Left<br>Adjustable height: 82 mm (3.2 inch)<br>Rotation: 90° (clockwise) |
|---|---|---|
| | EZ-UP stand | Tilt: 25° Up, 0° Down<br>Swivel: 172° Right, 172° Left<br>Adjustable height: 153.1 mm (6.0 inch)<br>Rotation: 90° (clockwise) |
| Environmental Conditions | Temperature | Operating temperature: 5 °C - 35 °C (41 °F - 95 °F)<br>Storage temperature: -20 °C - 60 °C (-4 °F - 140 °F) |
| | Humidity | Operating humidity: 30% - 80% R.H. (no condensation)<br>Storage humidity: 30% - 80% R.H. (no condensation) |
| | Pressure | Operating: 700 to 1,060 hPa<br>Storage: 200 to 1,060 hPa |

**S2402W**

| LCD Panel | 24.1-inch (610 mm) TFT color LCD with anti-glare<br>Viewing angle: Horizontal 170°, Vertical 160° (CR:10 or more) |
|---|---|
| Dot Pitch | 0.270mm |
| Horizontal Scan Frequency | Analog: 31-94kHz<br>Digital: 31-76kHz |
| Vertical Scan Frequency | Analog: 55-76Hz (Non-interlace)<br>(1920 × 1200: 55-61Hz)<br>Digital: 59-61Hz (Non-interlace)<br>(VGA TEXT: 69-71Hz) |
| Resolution | 1920 dots × 1200 lines |
| Max. Dot Clock | Analog: 202.5MHz<br>Digital: 162MHz |
| Max. Display Color | Approx. 16.77 million colors: Applicable to 8 bit (1064.33 million colors/10bit LUT) |
| Display Area (H × V) | 518.4mm × 324.0mm |
| Power Supply | 100-120 VAC ±10%, 50/60Hz 0.9A<br>200-240 VAC ±10%, 50/60Hz 0.55A |
| Power Consumption | Screen Display On | 58W or less (Speaker working)<br>54W or less (Speaker not working) |
| | Power saving mode | 0.7W or less (for single signal input, when stereo mini jack cable is not connected) |
| | Power button Off | 0.5W or less (when stereo mini jack cable is not connected) |
| | Main Power switch Off | 0W |
| Input Signal Connector | DVI-D connector (Applicable to HDCP), D-Sub mini 15-pin |
| Analog Input Signal (Sync) | Separate, TTL, positive/ negative<br>Composite, TTL, positive/ negative |
| Analog Input Signal (Video) | Analog, Positive (0.7Vp-p/75Ω) |
| Digital Signal Transmission System | TMDS (Single Link) |
| Video Signal Memory | Analog signal: 45 (preset: 22)<br>Digital signal: 10 |
| Audio Output | Speaker output: 0.5W + 0.5W (8Ω, THD: 3% or less)<br>Headphone output: 2mW + 2mW |
| Line input | Input impedance : 48 kΩ (typ.)<br>Input level :1.0 Vrms (Max.) |
| Plug & Play | VESA DDC 2B / EDID structure 1.3 |

| Dimensions (Width) × (Height) × (Depth) | Main unit (including Height adjustable stand) | 566 mm (22.3 inch) × 456 - 538 mm (18.0 - 21.2 inch) × 208.5 mm (8.2 inch) |
|---|---|---|
| | Main unit (including EZ-UP stand) | 566 mm (22.3 inch) × 380.4 - 533.5 mm (15.0 - 21.0 inch) × 279.9 mm - 307.6 mm (11.0 - 12.1 inch) |
| | Main unit (including FlexStand) | 566 mm (22.3 inch) × 381.5 - 538.5 mm (15.0 - 21.2 inch) × 242 - 256 mm (9.5 - 10.1 inch) |
| | Main unit (without stand) | 566 mm (22.3 inch) × 367 mm (14.4 inch) × 85 mm (3.35 inch) |
| Mass | Main unit (including Height adjustable stand) | Approx. 10.2 kg (22.5 lbs.) |
| | Main unit (including EZ-UP stand) | Approx. 12 kg (26.5 lbs.) |
| | Main unit (including FlexStand) | Approx. 10.2 kg (22.5 lbs.) |
| | Main unit (without stand) | Approx. 7.2 kg (15.9 lbs.) |
| Movable range | Height adjustable stand | Tilt: 40° Up, 0° Down<br>Swivel: 35° Right, 35° Left<br>Adjustable height: 82 mm (3.2 inch)<br>Rotation: 90° (clockwise) |
| | EZ-UP stand | Tilt: 25° Up, 0° Down<br>Swivel: 172° Right, 172° Left<br>Adjustable height: 153.1 mm (6.0 inch)<br>Rotation: 90° (clockwise) |
| | FlexStand | Tilt: 30° Up, 0° Down<br>Swivel: 172° Right, 172° Left<br>Adjustable height: 225 mm (8.9 inch) (157 mm (6.2 inch) when Tilt is 0°)<br>Rotation: 90° (clockwise) |
| Environmental Conditions | Temperature | Operating temperature: 5 °C - 35 °C (41 °F - 95 °F)<br>Storage temperature: -20 °C - 60 °C (-4 °F - 140 °F) |
| | Humidity | Operating humidity: 30% - 80% R.H. (no condensation)<br>Storage humidity: 30% - 80% R.H. (no condensation) |
| | Pressure | Operating: 700 to 1,060 hPa<br>Storage: 200 to 1,060 hPa |

## Main default settings (factory settings)

| Auto EcoView | | Off (EV2411W)<br>On (S2402W) |
|---|---|---|
| Smoothing | | 3 |
| FineContrast Mode | | Custom |
| PowerManager | | On |
| Input Signal | | Auto |
| Screen Size | | Full Screen |
| Off Timer | | Disable |
| Menu Settings | Menu Size | Normal |
| | Menu Off Timer | 45 sec |
| Language | | English |

## Outside Dimensions (Height adjustable stand)

unit : mm (inch)
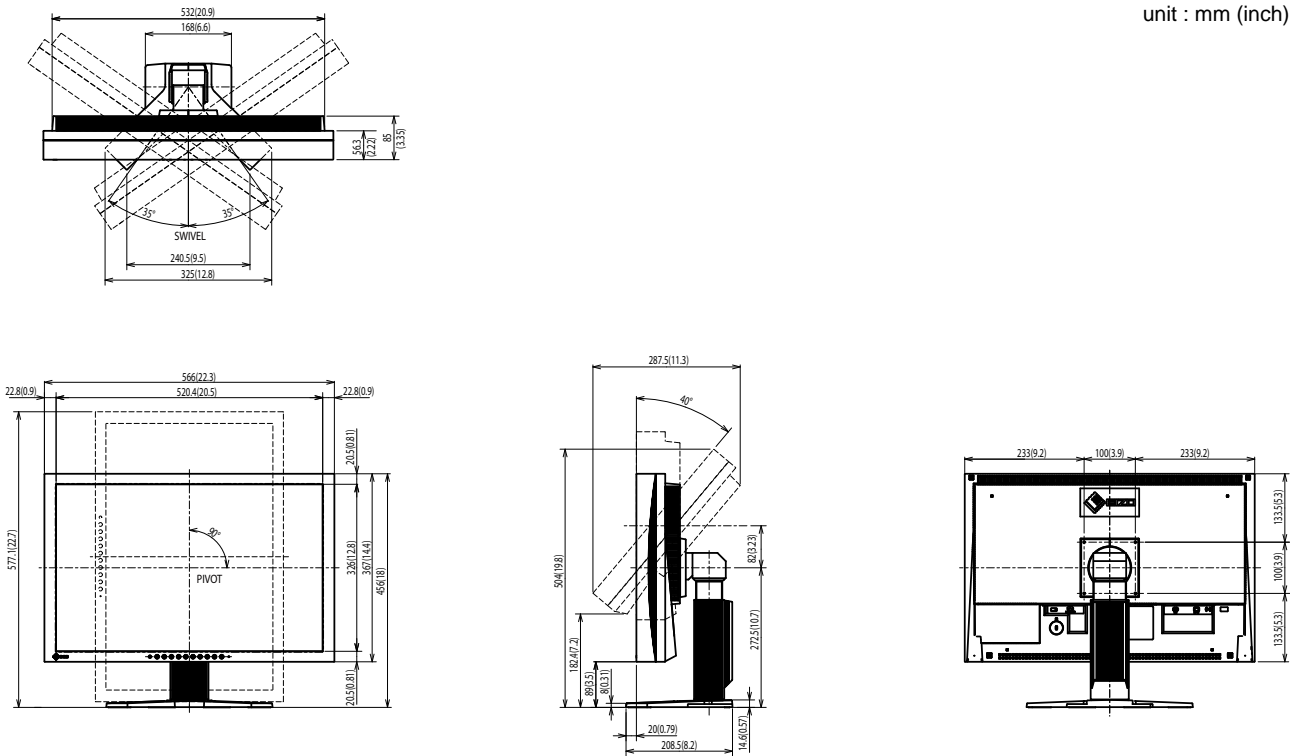
## Outside Dimensions (EZ-UP stand)

unit : mm (inch)

532(20.9)
129.3(5.1)
85(3.35)
56.3(2.22)
172°  172°
SWIVEL

566(22.3)
22.8(0.9)  520.4(20.5)  22.8(0.9)
20.5(0.81)
326(12.8)
367(14.4)
533.5(21)
633(24.9)
90°
PIVOT
67(2.64)
20.5(0.81)
13.4(0.53)
Ø272(10.7)

25°
552(21.7)
166.5(6.6)
13.4(0.53)
350(13.8)
Adjustable height 153.1(6)
64.3(2.53)
279.9(11)

380.5(15)
196.9(7.8)
27.7(1.09)
307.6(12.1)

233(9.2)  100(3.9)  233(9.2)
133.5(5.3)
100(3.9)
133.5(5.3)
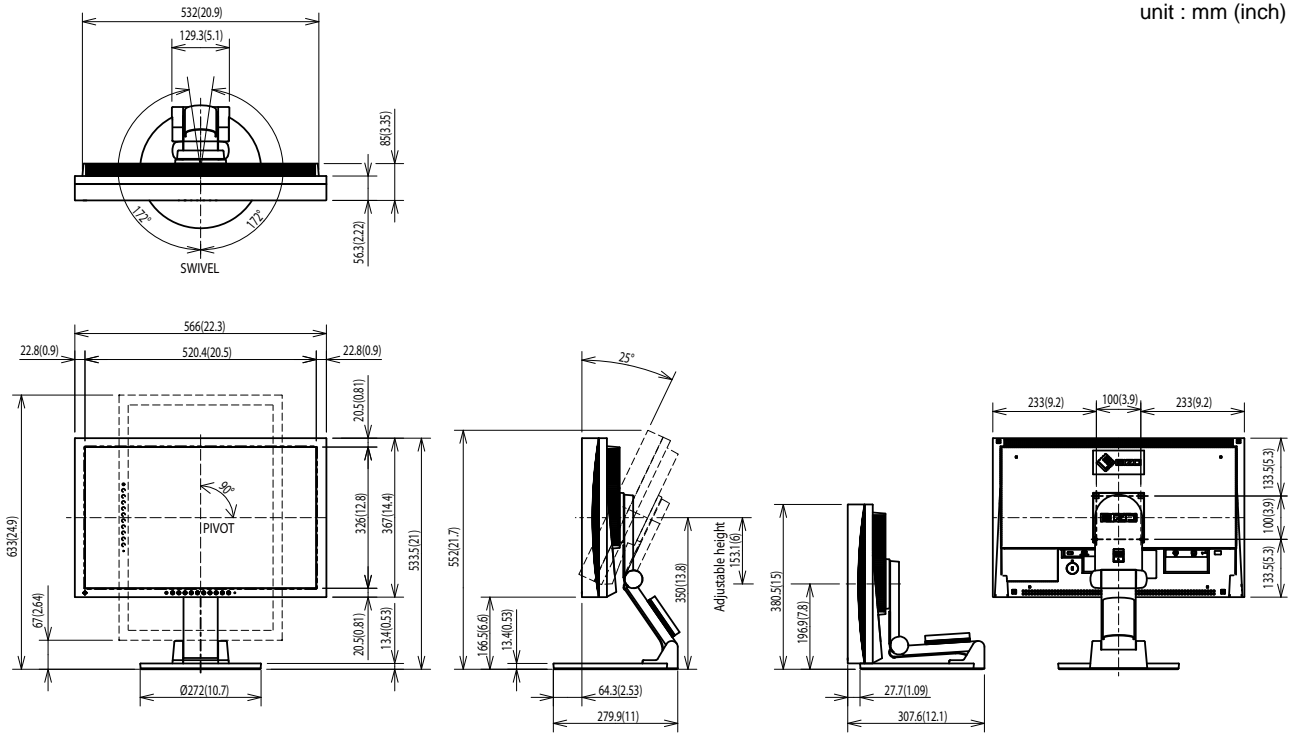
## Outside Dimensions (FlexStand)

unit : mm (inch)

532 (20.9)
95(3.74)
85(3.35)
56.3(2.22)
172°  172°
SWIVEL  SWIVEL

566(22.3)
22.8(0.9)  520.4(20.5)  22.8(0.9)
20.5(0.81)
638(25.1)
326(12.8)
538.5(21.2)
90°
PIVOT
72(2.83)
20.5(0.81)
Ø220(8.7)

171.5(6.8)
14.5(0.57)
30°
TILT
335(14)
411.1(16.2)
9.5(0.37)
36(1.42)
235.5(9.3)
256(10.1)

381.5
198(7.8)
332.5(13.1)
8.5(0.33)
242(9.5)

233(9.2)  100(3.9)  233(9.2)
133(5.3)
100(3.9)
133.5(5.3)
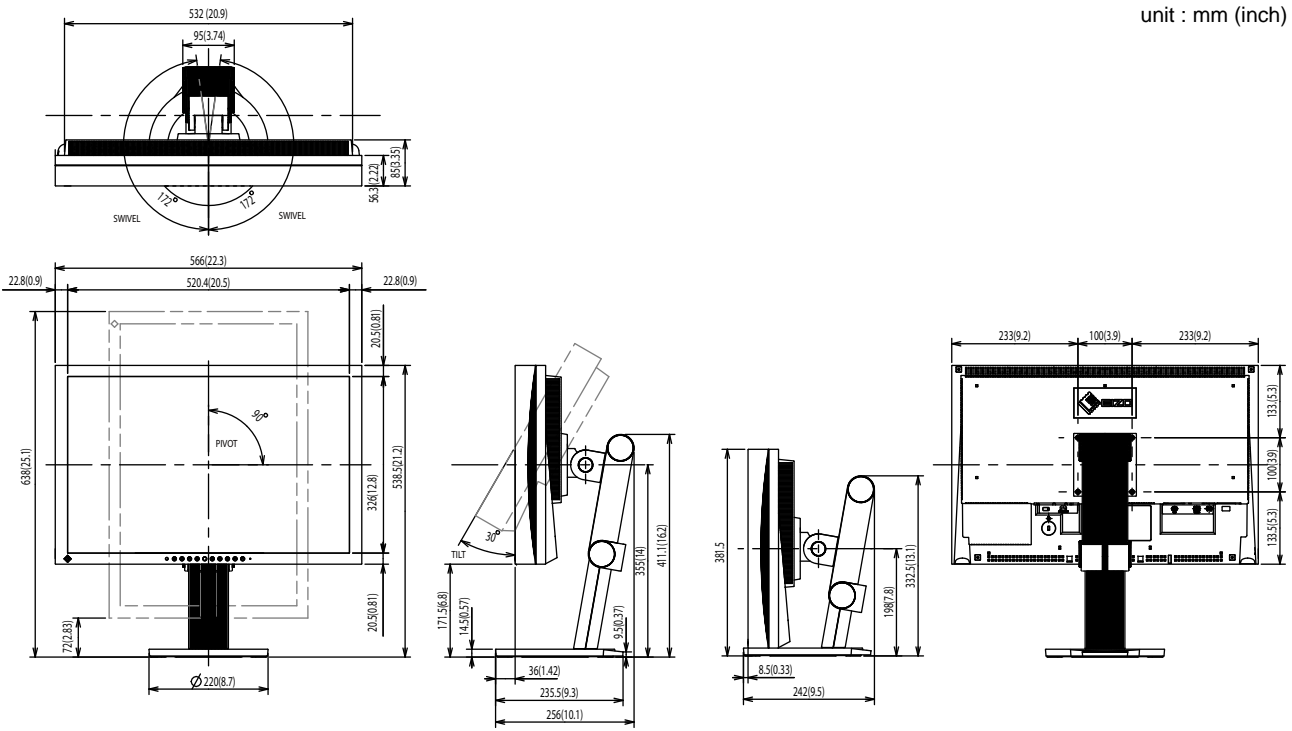
## Connector Pin Assignment

• DVI-D connector
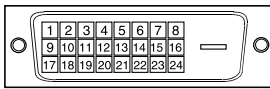


| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|--------|---------|--------|---------|--------|
| 1 | T.M.D.S. Data 2- | 9 | T.M.D.S. Data1- | 17 | T.M.D.S. Data0- |
| 2 | T.M.D.S. Data 2+ | 10 | T.M.D.S. Data1+ | 18 | T.M.D.S. Data0+ |
| 3 | T.M.D.S. Data2/4 Shield | 11 | T.M.D.S. Data1/3 Shield | 19 | T.M.D.S. Data0/5 Shield |
| 4 | NC* | 12 | NC* | 20 | NC* |
| 5 | NC* | 13 | NC* | 21 | NC* |
| 6 | DDC Clock (SCL) | 14 | +5V Power | 22 | T.M.D.S. Clock shield |
| 7 | DDC Data (SDA) | 15 | Ground (return for +5V, Hsync, and Vsync) | 23 | T.M.D.S. Clock+ |
| 8 | NC* | 16 | Hot Plug Detect | 24 | T.M.D.S. Clock- |

(NC*: No Connection)

• D-Sub mini 15-pin connector
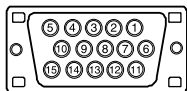


| Pin No. | Signal | Pin No. | Signal | Pin No. | Signal |
|---------|--------|---------|--------|---------|--------|
| 1 | Red video | 6 | Red video ground | 11 | NC* |
| 2 | Green video | 7 | Green video ground | 12 | Data (SDA) |
| 3 | Blue video | 8 | Blue video ground | 13 | H. Sync |
| 4 | NC* | 9 | NC* | 14 | V. Sync |
| 5 | Ground | 10 | Ground | 15 | Clock (SCL) |

(NC*: No Connection)

## Accessories List

| | |
|---|---|
| Cleaning Kit | EIZO ScreenCleaner |
| Speaker Unit | i•Sound L3* |

* May not allowed to attach the option speaker depending on the stand type.

For the latest information about the accessories, refer to our web site.

**http://www.eizo.com**

# 5-4 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.

**DDC/CI (Display Data Channel/Command Interface)**

VESA provides the standardization for the interactive communication of the setting information, etc. between a PC and the monitor.

**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 signal input only. The other is a DVI-I connector for both digital and analog signal inputs.

**DVI DMPM (DVI Digital Monitor Power Management)**

DVI DMPM is a digital interface power-saving function. The "Monitor ON (operating mode)" and "Active Off (power-saving mode)" are indispensable for DVI DMPM as the monitor's power mode.

**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.
Any digital contents cannot be reproduced if both of the equipments on the output and input sides are not applicable to HDCP system.

**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

### TMDS (Transition Minimized Differential Signaling)

A signal transmission system for digital interface.

### VESA DPMS (Video Electronics Standards Association - Display Power Management Signaling)

VESA provides the standardization of signals from PC (graphics board) for power saving of PC monitors. DPMS defines the signal status between PC and monitor.

## 5-5 Preset Timing

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

| Mode | Dot clock | | Frequency Horizontal: kHz Vertical: Hz | Polarity |
|---|---|---|---|---|
| VGA 640×480@60Hz | 25.2 MHz | Horizontal | 31.47 | Negative |
| | | Vertical | 59.94 | Negative |
| VGA TEXT 720×400@70Hz | 28.3 MHz | Horizontal | 31.47 | Negative |
| | | Vertical | 70.09 | Positive |
| VESA 640×480@72Hz | 31.5 MHz | Horizontal | 37.86 | Negative |
| | | Vertical | 72.81 | Negative |
| VESA 640×480@75Hz | 31.5 MHz | Horizontal | 37.50 | Negative |
| | | Vertical | 75.00 | Negative |
| VESA 800×600@56Hz | 36.0 MHz | Horizontal | 35.16 | Positive |
| | | Vertical | 56.25 | Positive |
| VESA 800×600@60Hz | 40.0 MHz | Horizontal | 37.88 | Positive |
| | | Vertical | 60.32 | Positive |
| VESA 800×600@72Hz | 50.0 MHz | Horizontal | 48.08 | Positive |
| | | Vertical | 72.19 | Positive |
| VESA 800×600@75Hz | 49.5 MHz | Horizontal | 46.88 | Positive |
| | | Vertical | 75.00 | Positive |
| VESA 1024×768@60Hz | 65.0 MHz | Horizontal | 48.36 | Negative |
| | | Vertical | 60.00 | Negative |
| VESA 1024×768@70Hz | 75.0 MHz | Horizontal | 56.48 | Negative |
| | | Vertical | 70.07 | Negative |
| VESA 1024×768@75Hz | 78.8 MHz | Horizontal | 60.02 | Positive |
| | | Vertical | 75.03 | Positive |
| VESA 1152×864@75Hz | 108.0 MHz | Horizontal | 67.50 | Positive |
| | | Vertical | 75.00 | Positive |
| VESA 1280×960@60Hz | 108.0 MHz | Horizontal | 60.00 | Positive |
| | | Vertical | 60.00 | Positive |
| VESA 1280×1024@60Hz | 108.0 MHz | Horizontal | 63.98 | Positive |
| | | Vertical | 60.02 | Positive |
| VESA 1280×1024@75Hz | 135.0 MHz | Horizontal | 79.98 | Positive |
| | | Vertical | 75.03 | Positive |
| VESA 1600×1200@60Hz | 162.0 MHz | Horizontal | 75.00 | Positive |
| | | Vertical | 60.00 | Positive |
| VESA 1600×1200@65Hz | 175.0 MHz | Horizontal | 81.30 | Positive |
| | | Vertical | 65.00 | Positive |
| VESA 1600×1200@70Hz | 189.0 MHz | Horizontal | 87.50 | Positive |
| | | Vertical | 70.00 | Positive |
| VESA 1600×1200@75Hz | 202.5 MHz | Horizontal | 93.75 | Positive |
| | | Vertical | 75.00 | Positive |
| VESA CVT 1680×1050@60Hz | 146.3 MHz | Horizontal | 65.29 | Negative |
| | | Vertical | 59.95 | Positive |
| VESA CVT 1920×1200@60Hz | 193.3 MHz | Horizontal | 74.56 | Negative |
| | | Vertical | 59.89 | Positive |
| VESA CVT RB 1920×1200@60Hz | 154.0 MHz | Horizontal | 74.04 | Positive |
| | | Vertical | 59.95 | Negative |

**Attention**
- Display position may be deviated depending on the PC connected, which may require screen adjustment using Adjustment menu.
- If a signal other than those listed in the table is input, adjust the screen using the Adjustment menu. However, 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 Adjustment menu.

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 EV2411W/S2402W |

**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 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 $\geq 5°$).

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 EK1-ITB2000 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

## 关于电子信息产品污染控制标识



本标识根据「电子信息产品污染控制管理办法」，适用于在中华人民共和国销售的电子信息产品。标识中央的数字为环保使用期限的年数。只要您遵守该产品相关的安全及使用注意事项，在自制造日起算的年限内，不会产生对环境污染或人体及财产的影响。上述标识粘贴在机器背面。

• 有毒有害物质或元素的名称及含量

| 部件名称 | 有毒有害物质或元素 | | | | | |
|---|---|---|---|---|---|---|
| | 铅<br>（Pb） | 汞<br>（Hg） | 镉<br>（Cd） | 六价铬<br>（Cr（Ⅵ）） | 多溴联苯<br>（PBB） | 多溴二苯醚<br>（PBDE） |
| 印刷电路板 | × | ○ | ○ | ○ | ○ | ○ |
| 机箱 | ○ | ○ | ○ | ○ | ○ | ○ |
| 液晶显示器 | × | ○ | ○ | ○ | ○ | ○ |
| 其他 | × | ○ | ○ | ○ | ○ | ○ |
| ○： 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 规定的限量要求以下。<br>×： 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 规定的限量要求。<br>　（企业可在此处，根据实际情况对上表中打"×"的技术原因进行进一步说明） | | | | | | |

**S2402W**

关于电子信息产品污染控制标识



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| 印刷电路板 | × | ○ | ○ | ○ | ○ | ○ |
| 机箱 | ○ | ○ | ○ | ○ | ○ | ○ |
| 液晶显示器 | × | × | ○ | ○ | ○ | ○ |
| 其他 | × | ○ | ○ | ○ | ○ | ○ |
| ○： 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 规定的限量要求以下。<br>×： 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 规定的限量要求。<br>　　（企业可在此处，根据实际情况对上表中打"×"的技术原因进行进一步说明） | | | | | | |