

# Instructions for Use

## ■ User's Manual

# RadiForce® MX210

Color LCD Monitor

### Important





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

- 
- Please refer to the Setup Manual for basic information ranging from connection of the monitor to a PC to using the monitor.
  - The latest User's Manual is available for download from our web site:  
<http://www.eizo.com>
- 



## SAFETY SYMBOLS

This manual uses the safety symbols below. They denote critical information. Please read them carefully.

	<b>WARNING</b> Failure to abide by the information in a WARNING may result in serious injury and can be life threatening.
	<b>CAUTION</b> Failure to abide by the information in a CAUTION may result in moderate injury and/or property or product damage.
	Indicates a prohibited action.
	Indicates to ground for safety.

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

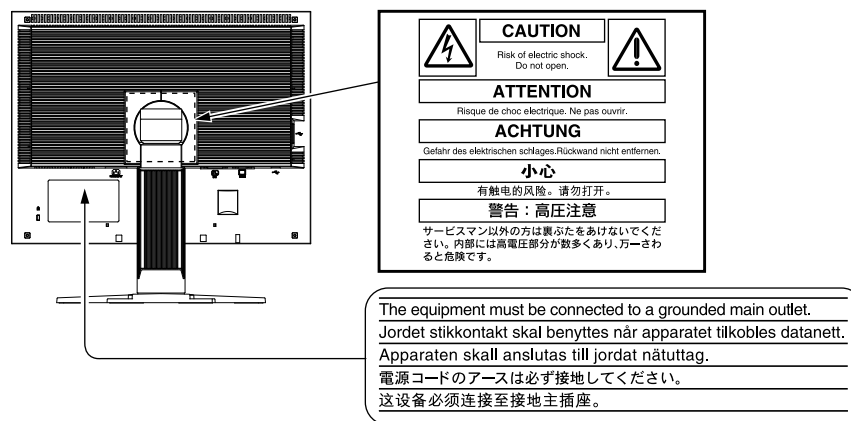
- It shall be assured that the final system is in compliance to IEC60601-1-1 requirement.
- Power supplied equipment can emit electromagnetic waves, that could influence, limit or result in malfunction of the monitor. Install the equipment in a controlled environment, where such effects are avoided.
- This is a monitor intended for use in a medical imaging system. It does not support the display of mammography images for diagnosis.

# PRECAUTIONS





## IMPORTANT!

- This product has been adjusted specifically for use in the region to which it was originally shipped. If operated outside the region to which it was originally shipped, the product may not perform as stated in the specifications.
- To ensure personal safety and proper maintenance, please read this section and the caution statements on the unit (refer to the figure below).

### [Location of the Caution Statements]



### [Symbol on the Unit]

Symbol	This symbol indicates
	Power Button Press to turn the monitor's power on or off.
	Alternating current
	Alerting electrical hazard
	Caution Refer to SAFETY SYMBOLS section in this manual.

## WARNING

**If the unit begins to emit smoke, smells like something is burning, or makes strange noises, disconnect all power connections immediately and contact your dealer for advice.**

Attempting to use a malfunctioning unit may result in fire, electric shock, or equipment damage.

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**⚠ WARNING**

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**Do not open the cabinet or modify the unit.**

Opening the cabinet or modifying the unit may result in fire, electric shock, or burn.



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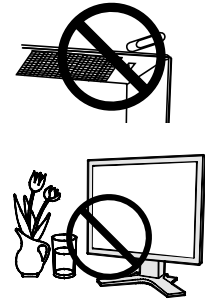
**Refer all servicing to qualified service personnel.**

Do not attempt to service this product yourself as opening or removing covers may result in fire, electric shock, or equipment damage.

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**Keep small objects or liquids away from the unit.**

Small objects accidentally falling through the ventilation slots into the cabinet or spillage into the cabinet may result in fire, electric shock, or equipment damage. If an object or liquid falls/spills into the cabinet, unplug the unit immediately. Have the unit checked by a qualified service engineer before using it again.

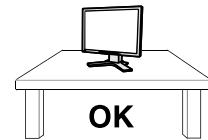


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**Place the unit at the strong and stable place.**

A unit placed on an inadequate surface may fall and result in injury or equipment damage.

If the unit falls, disconnect the power immediately and ask your dealer for advice. Do not continue using a damaged unit. Using a damaged unit may result in fire or electric shock.

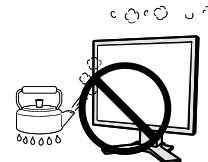


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**Use the unit in an appropriate location.**

Not doing so may result in fire, electric shock, or equipment damage.

- Do not place outdoors.
- Do not place in the transportation system (ship, aircraft, trains, automobiles, etc.)
- Do not place in a dusty or humid environment.
- Do not place in a location where water is splashed on the screen (bathroom, kitchen, etc.).
- Do not place in a location where the steam comes directly on the screen.
- Do not place near heat generating devices or a humidifier.
- Do not place in a location where the product is subject to direct sunlight.
- Do not place in an inflammable gas environment.



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**To avoid danger of suffocation, keep the plastic packing bags away from babies and children.**

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**Use the enclosed power cord and connect to the standard power outlet of your country.**

Be sure to remain within the rated voltage of the power cord. Not doing so may result in fire or electric shock.

Power supply: 100-120/200-240 Vac, 50/60 Hz

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**To disconnect the power cord, grasp the plug firmly and pull.**

Tugging on the cord may damage and result in fire or electric shock.



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**⚠ WARNING**

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**The equipment must be connected to a grounded main outlet.**  
Not doing so may cause in fire or electric shock.



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**Use the correct voltage.**

- The unit is designed for use with a specific voltage only. Connection to another voltage than specified in this User's Manual may cause fire, electric shock, or equipment damage.

Power supply: 100-120/200-240 Vac, 50/60 Hz

- Do not overload your power circuit, as this may result in fire or electric shock.

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**Handle the power cord with care.**

- Do not place the cord underneath the unit or other heavy objects.
- Do not pull on or tie the cord.

If the power cord becomes damaged, stop using it. Use of a damaged cord may result in fire or electric shock.



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**For the electrical safety, do not connect or disconnect the power cord in the presence of patients.**

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**Never touch the plug and power cord if it begins to thunder.**

Touching them may result in electric shock.



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**When attaching an arm stand, please refer to the user's manual of the arm stand and install the unit securely.**

Not doing so may cause the unit to become unattached, which may result in injury or equipment damage. Before installation, make sure that desks, walls, and others an arm stand is fixed on have adequate mechanical strength.

When the unit is dropped, please ask your dealer for advice.

Do not continue using a damaged unit. Using a damaged unit may result in fire or electric shock. When reattaching the tilt stand, please use the same screws and tighten them securely.

---

**Do not touch a damaged LCD panel directly with bare hands.**

The liquid crystal which leaks from the panel is poisonous if it enters the eyes or mouth.

If any part of the skin or body comes in direct contact with the panel, please wash thoroughly. If some physical symptoms result, please consult your doctor.



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**Fluorescent backlight lamps contain mercury (the products that have LED backlight lamps contain no mercury), dispose according to local, state or federal laws.**

Exposure to elemental mercury can result in effects on the nervous system, including tremor, memory loss, and headache.

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 **CAUTION**

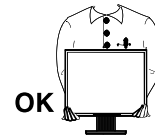
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**Handle with care when carrying the unit.**

Disconnect the power cord and cables when moving the unit. Moving the unit with the cord attached is dangerous. It may result in injury.

**When handling the unit, grip the bottom of the unit firmly with both hands ensuring the panel faces outward before lifting.**

Dropping the unit may result in injury or equipment damage.



**Do not block the ventilation slots on the cabinet.**

- Do not place any objects on the ventilation slots.
- Do not install the unit in a closed space.
- Do not use the unit laid down or upside down.

Blocking the ventilation slots prevents proper airflow and may result in fire, electric shock, or equipment damage.



**Do not touch the plug with wet hands.**

Doing so may result in electrical shock.



**Use an easily accessible power outlet.**

This will ensure that you can disconnect the power quickly in case of a problem.

**Periodically clean the area around the plug.**

Dust, water, or oil on the plug may result in fire.

**Unplug the unit before cleaning it.**

Cleaning the unit while it is plugged into a power outlet may result in electric shock.

**If you plan to leave the unit unused for an extended period, disconnect the power cord from the wall socket after turning off the power switch for the safety and the power conservation.**

**This product is only suitable for a patient environment, but not for contact with a patient.**

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# Notice for this monitor

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This product is suited to clinical review. It does not support the display of mammography images for diagnosis.

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

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

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

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

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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.

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Monitors should be set to a lower brightness to reduce changes in luminosity caused by long-term use and maintain a stable display.

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When the screen image is changed after displaying the same image for extended periods of time, an afterimage may appear. Use the screen saver or power save function to avoid displaying the same image for extended periods of time.

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

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The screen may have defective pixels or a small number of light dots on the screen. This is due to the characteristics of the panel itself, and is not a malfunction of the product.

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

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

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

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

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## **Cleaning**

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### **Attention**

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

### **Note**

- The optional ScreenCleaner is recommended for cleaning the cabinet and panel surface.
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If necessary, the stains on the cabinet and panel surface can be removed by moistening part of a soft cloth with water.

## **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.



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# 1. Introduction

Thank you very much for choosing an EIZO Color Monitor.

## 1-1. Features

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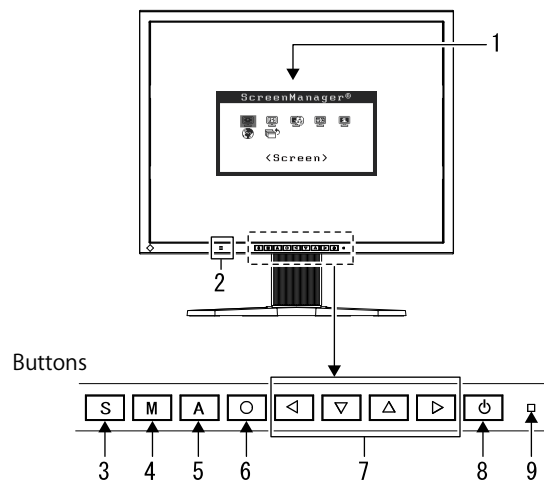
- Dual-input compliant (DVI-I and D-sub mini 15-pin connectors)
- DVI Digital input (TMDS ) compliant
- [Horizontal scanning frequency]  
Analog: 24 - 80kHz  
Digital: 31 - 76 kHz
- [Vertical scanning frequency]  
Analog: 49 - 76Hz (1600x1200: 49 - 61Hz )  
Digital: 59- 61Hz (VGA text: 69 - 71Hz)
- [Resolution] 1600 dots x 1200 lines
- Frame Synchronous mode supported (59 - 61Hz)
- BrightRegulator function incorporate
- DICOM mode (CAL Switch function)
- CAL Switch function for selecting an optimal calibration mode
- Smoothing function incorporated for the adjustment of an enlarged image
- The quality control software "RadiCS LE" (for Windows) used to calibrate the monitor is included(refer to the EIZO LCD Utility Disk).
- The utility software "ScreenManager Pro for Medical" (for Windows) to control the monitor from a PC with mouse/keyboard is included (refer to the EIZO LCD Utility Disk).
- Height adjustable stand
- Ultra slim bezel
- Portrait/Landscape display available (rotate 90 degrees clockwise)

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### Tips

- 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 "[3-10. Setting the Orientation of the Adjustment Menu](#)" on [page 27](#).)
  - For using the monitor with "Portrait" position, the graphics board supporting portrait display is required. When using the monitor with "Portrait" position, the setting needs to be changed depending on the graphics board used in your PC. Refer to the manual of the graphics board for details.
-

## 1-2. Buttons and Indicators



1. Adjustment menu (ScreenManager<sup>®\*</sup>)
2. Senser (BrightRegulator)
3. Input Signal Selection button
4. Mode button
5. Auto Adjustment button
6. Enter button
7. Control buttons (Left, Down, Up, Right)
8. Power button
9. Power indicator

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

\*ScreenManager<sup>®</sup> is an EIZO's nickname of the Adjustment menu.

## 1-3. 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 application software programs for adjustment, and User's Manual. Refer to "Readme.txt" file on the disk for software startup procedures or file access procedures.

Item	Overview
A "Readme.txt" file	
RadiCS LE	RadiCS LE is quality control software used to calibrate the monitor and manage the calibration history. (A PC must be connected to the monitor with the supplied USB cable.) Refer to the description later.
ScreenManager Pro for Medical	A utility software program to control monitor adjustments from a PC using its mouse and keyboard. (A PC must be connected to the monitor with the supplied USB cable.) Refer to the description later.
User's Manual (PDF file)	

### To RadiCS LE or ScreenManager Pro for Medical

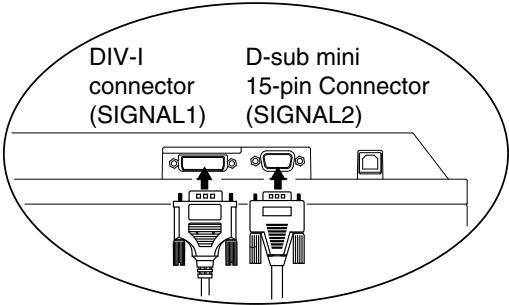
Refer to the corresponding User's Manual on the CD-ROM disk in order to install and use the software. When using this software, you will need to connect a PC to the monitor with the supplied USB cable. For more information refer to the "[2-2. Making Use of USB \(Universal Serial Bus\)](#)" ([page 14](#)).

# 2. Installation

## 2-1. Connecting Two PCs to the Monitor

Two PCs can be connected to the monitor through the DVI-I connector on the back of the monitor.

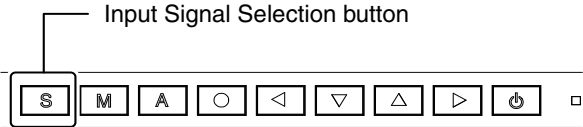
### Connection examples



PC 1			PC 2			
(Ex.1)	Digital	DVI	Signal Cable (FD-C39 enclosed)	Signal Cable (MD-C87 optional)	D-Sub mini 15 pin	Analog
(Ex.2)	Analog	D-Sub mini 15 pin	Signal Cable (FD-C16 optional)	Signal Cable (MD-C87 optional)	D-Sub mini 15 pin	Analog

### Selecting input signal

Switch the input signal with **[S]**. Input signal switches each time **[S]** is pressed. When the signal is switched, the active signal type (Signal 1 or 2/ Analog or Digital) appears at the top right corner of the screen for two seconds.



### To set auto-switching of input signals [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 does not detect the PC's signals automatically. Select an active input signal with <b>[S]</b> .

### [Input signal setting]

1. Choose <Others> from the Adjustment menu, and press **[O]**.
2. Choose <Input Signal> from the <Others> menu, and press **[O]**.  
The <Input Signal> menu appears.
3. Select "Auto" or "Manual" with **[▲]** or **[▼]**, and press **[O]**.  
The Input Priority setting is completed.

---

## 2-2. Making Use of USB (Universal Serial Bus)

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This monitor provides a hub which supports the USB standard. When connecting to a USB compliant PC or another hub, the monitor functions as a hub to which the USB compliant peripherals can be easily connected.

### Required system environment

- PC equipped with USB ports or another USB hub connected to the USB compliant PC
- Windows 2000/XP/Vista/7/8 // Mac OS 9.2.2/Mac OS X 10.2 or later
- USB Cable (MD-C93, enclosed)

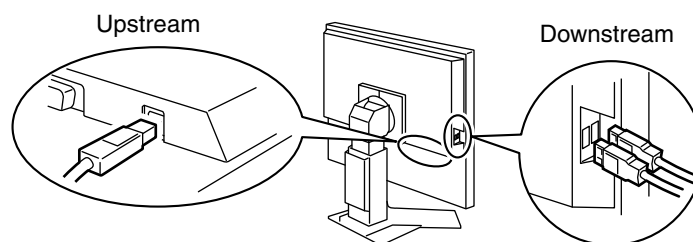
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#### **NOTE**

- The USB hub function may not work properly depending on the PC or peripherals. Please consult the manufacturer of each device about the USB support.
  - Using the USB Rev. 2.0 compatible PC or peripherals is recommended.
  - If the monitor is in the power saving mode, or if the monitor is connected to the power outlet with the monitor turned off, all the devices connected to the USB ports (upstream and downstream) work. Therefore, power consumption of the monitor varies with connected devices even in the power saving mode.
  - The followings are procedures for the Windows 2000/XP/Vista/7/8 and Mac OS.
- 

### Connecting to the USB HUB

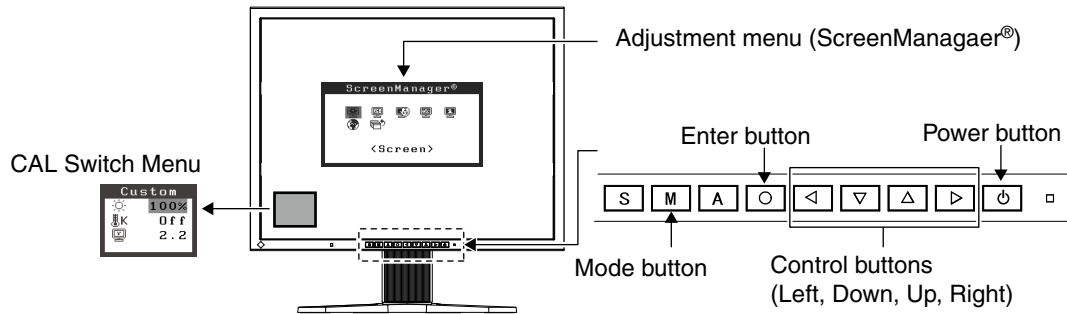
- 1** Connect the monitor to the PC with the signal cable first, then turn on the PC.
- 2** Connect the upstream port of the monitor to the downstream port of the USB compliant PC or another hub by using the USB cable.  
After connecting the USB cable, the USB function can be set up automatically.
- 3** After setting up, the monitor's USB hub is available for connecting USB compliant peripherals to the downstream ports of the monitor.



# 3. Screen Adjustment and Settings

## 3-1. Basic Operation and Functions

Adjustment menu allows you to adjust screen performance through the main menu and select a CAL Switch mode easily.



### NOTE

- The Adjustment menu and the CAL Switch mode name cannot be displayed at the same time.

### 1 Entering the Adjustment menu

Press  once to display the main menu of the Adjustment menu.

### 2 Making Adjustments and Settings

1. Select the desired sub menu icon using     and press . The sub menu appears.
2. Use     to select the desired setting icon and press . The setting menu appears.
3. Use     to make all required adjustments and press  save the settings.

### 3 Exiting the Adjustment menu

1. To return to the main menu, select the <Return> icon or press  twice, followed by .
2. To exit the Adjustment menu, select <Exit> icon or press  twice, followed by .

### Tips

- Double clicking  at any time also exits the Adjustment menu menu.

## Functions

The following table shows all the Adjustment menu's adjustment and setting menus. "\*" indicates adjustments of analog input only and "\*\*\*" indicates digital input only.

Main menu	Sub menu		Reference	
Screen	Clock	*	3-2. Screen Adjustment	
	Phase	*		
	Position	*		
	Resolution	*		
	Range Adjustment	*		
	Smoothing			
	Signal Filter	*		
Color(Custom)* <sup>1</sup>	Brightness		3-3. Color Adjustment	
	Temperature			
	Gamma			
	Saturation			
	Hue			
	Gain			
	6 Colors			
	Reset			
PowerManager	DVI DMPM	**	3-4. Power-save Setup	
	VESA DPMS	*		
	OFF			
Others	Screen Size		3-9. Displaying Lower Resolutions	
	Border Intensity			
	Input Signal		Set the input signal selection of automatic or manual.	
	Off Timer		Set the monitor's Off Timer to on or off.	
	Menu Settings	Menu Size		Change the size of the menu.
		Menu Position		Adjust the menu position.
		Menu Off Timer		Set the menu displaying time.
		Translucent		Set the transparency of the background.
		Orientation		Set the orientation of the Adjustment menu.
	BrightRegulator		Set automatic brightness adjustment.	
	Power Indicator		Make non-light for blue lighting when the screen is displayed (Power Indicator Setting).	
	Reset		Return to the factory Default settings.	
Information	Information		Review the Adjustment menu's settings, model name, serial number and usage time.* <sup>2</sup>	
Language	English, German, French, Spanish, Italian, Swedish and Japanese		Select the Adjustment menu's language.	

\*<sup>1</sup> The adjustable functions on the <Color> menu depend on the selected CAL Switch mode. The above table shows the sub menus when the "Custom" mode is selected (See "3-3. Color Adjustment").

\*<sup>2</sup> Due to the inspection on the factory, the usage time may not "0 hour" at shipping.



## 3-2. Screen Adjustment

### NOTE

- Allow the LCD monitor to stabilize for at least 30 minutes before making image adjustments.

The monitor displays the digital input image correctly based on its pre-setting data.

### Analog Input

Screen adjustments for the LCD monitor should be used in suppressing screen flickering and also for adjusting the screen to its proper position. There is only one correct position for each display mode. It is also recommended to use the adjustment function when first installing the display or whenever changing the system.

### Adjustment Procedure

#### 1 Press **[A]** on the control panel.

The message "Your setting will be lost if you press again now." appears and remains on the screen for 5 seconds. While the message is on the screen, press the **[A]** again to automatically adjust the clock, phase, screen position and resolution. If you do not wish to do adjust the screen, do not press **[A]** again.

### NOTE

- The Auto adjustment function is intended for use on the Macintosh and on AT-compatible PC running Windows. It may not work properly in either of the following cases. When running an AT-compatible PC on MS-DOS (Not windows). The background color for the "wall paper" or "desktop" pattern is set to black.
- It cannot work correctly using with some graphics cards.

If the appropriate screen cannot be made by using **[A]**, adjust the screen through the following procedures. If the appropriate screen can be made, proceed to [5. Range Adjustment](#) .

#### 2 Prepare the display pattern for the analog display adjustment.

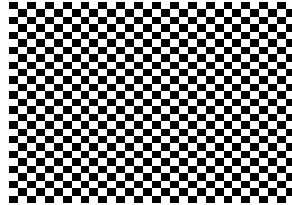
Download the "Screen adjustment pattern files" from our site: <http://www.eizo.com>.

### Tips

- For how to open and use the screen adjustment pattern files, refer to "Readme.txt" file.

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

(1) Display Pattern 1 of the screen adjustment pattern files in full screen on the monitor.



(2) From the <Screen> menu on the Adjustment menu, select <Auto Adjustment>.



(3) Select "Execute".

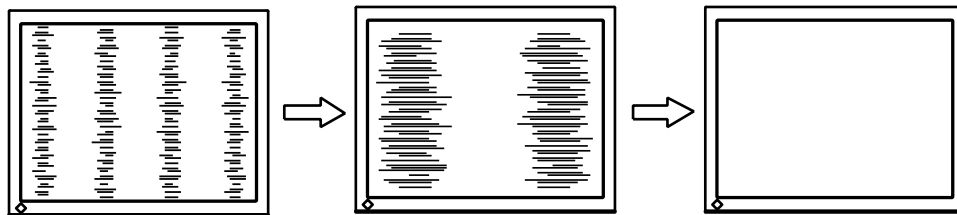
The Auto Adjustment function begins (showing a running status icon) to adjust flickering, screen position, and screen size automatically.

### 4 Adjust by using <Screen> menu in the Adjustment menu


(1) Vertical bars appear on the screen



→  Use the <Clock> adjustment.

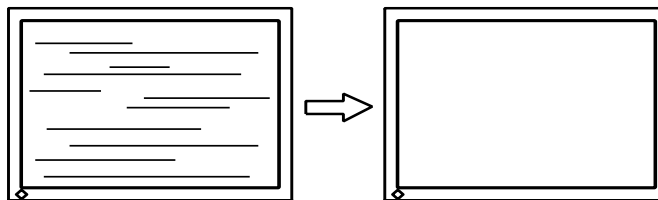
Select the <Clock> and eliminate the vertical bars by using  and  of the Control buttons. Do not continuously press the Control buttons, as the adjustment value will change quickly and make it difficult to locate the most suitable adjustment point. If the horizontal flickering, blur or bars appear, proceed to <Phase> adjustment as follows.



(2) Horizontal flickering, blurring or bars appear on the screen.

→  Use the <Phase> adjustment.

Select the <Phase> and eliminate the horizontal flickering, blurring or bars by using  and  .



#### NOTE

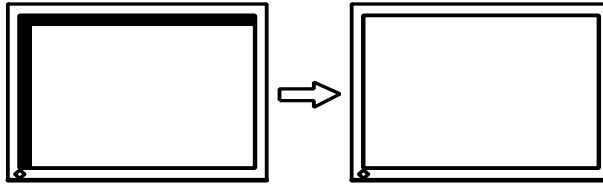
- Horizontal bars may not completely disappear from the screen depending on the PC.

(3)The screen position is incorrect.

→  Use the <Position> adjustment.

The correct displayed position of the monitor is decided because the number and the position of the pixels are fixed. The <Position> adjustment moves the image to the correct position.

Select <Position> and adjust the position by using , ,  and . If vertical bars of distortion appear after finishing the <Position> adjustment, return to <Clock> adjustment and repeat the previously explained adjustment procedure. ("Clock" => "Phase" => "Position")

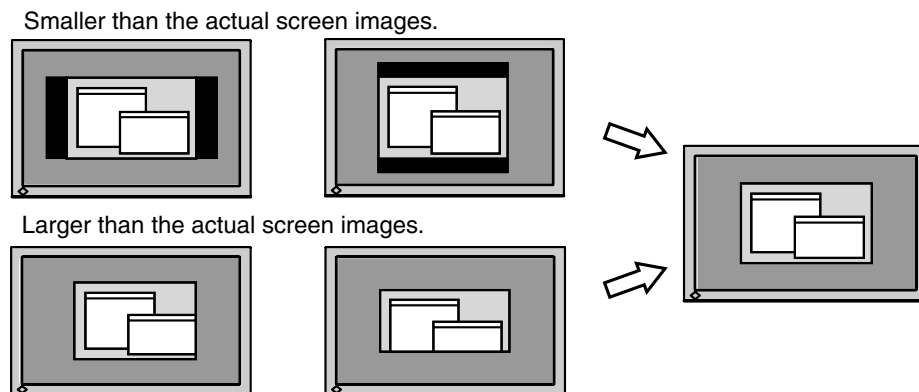


(4)Screen image is smaller or larger than the actual screen images.

→  Use the <Resolution> adjustment.

Adjustment is needed when the input signal resolution and the resolution now being displayed are different.

Select <Resolution> and confirm if the resolution now being displayed is the same as the input resolution. If it is not, adjust the vertical resolution using  and  and adjust the horizontal resolution using  and .



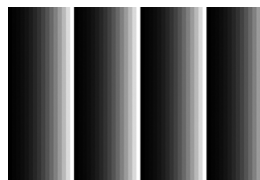
## 5 Adjust the output signal range (Dynamic Range) of the signal.

→  Use the <Range Adjustment> of <Screen> menu.

This controls the level of output signal range to display the whole color gradation (256 colors).

[Procedure]

(1)Display Pattern 2 of the screen adjustment pattern files in full screen on the monitor.



(2)Choose <Range Adjustment> from the <Screen> menu, and press .

(3)Select "Execute".

Color gradation is adjusted automatically.

(4)Close the Pattern 2.

## 3-3. Color Adjustment

### Simple adjustment [CAL Switch mode]

This function allows you to select the best display mode for monitor brightness, etc.

#### To select CAL Switch mode

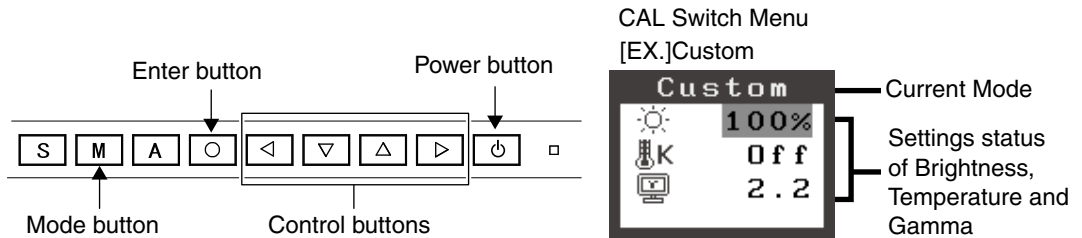
Directly pressing **[M]** allows you to select the best suited mode for screen display from 4 CAL Switch modes; DICOM-CL, Text, Custom and CAL. Color settings each mode can be adjusted by using the <Color> menu of the Adjustment menu.

Press **[O]** to exit the menu.

->DICOM-CL -> Text -> Custom-> CAL

#### Tips

- The Adjustment menu and the CAL Switch mode name cannot be displayed at the same time.



### CAL Switch Mode

Selectable CAL Switch modes are as follows.

Mode	Purpose
DICOM-CL	Available for setting tailored to X-ray film color (clear base).
Text	Suitable for displaying texts for word processing or spreadsheets.
Custom	Available for making desired setting.
CAL	Used for monitor calibration.

### Color Adjustment of the Mode Settings

<Brightness>, <Temperature> and <Gamma> settings can be adjusted on the CAL Switch menu. Select the desired function icon with **[▽][▲]** and adjust with **[◀][▶]**. (Setting(s) of <Temperature> and/or <Gamma> is defined as standard default in some modes.

#### NOTE

- "CAL" mode can be adjusted only by Calibration Software.

## Advanced Adjustments[Adjustment menu]









Color settings of each CAL Switch mode can be adjusted and saved by using the <Color> menu of the Adjustment menu.

In the analog input, perform the "Range Adjustment" before making the color adjustments. Never change the CAL Switch mode during color adjustment. Select the mode in advance by using **[M]**

### Adjustment Items

The adjustable items and displayed icons on the <Color> menu depend on the selected CAL Switch mode.

"√": Settable/Adjustable " - ": Fixed at the factory









Icons	Functions	CAL Switch Mode			
		DICOM-CL	Text	Custom	CAL
	Brightness*	-	√	√	-
	Temperature*	-	√	√	-
	Gamma*	-	√	√	-
	Saturation	-	√	√	-
	Hue	-	√	√	-
	Gain	-	-	√	-
	6 Colors	-	-	√	-
	Reset	-	√	√	-

\* These settings can be also adjusted on the CAL Switch menu. (See CAL Switch.)

### NOTE

- Allow the LCD monitor to stabilize for at least 30 minutes before making image adjustments. (Allow the monitor to warm up for at least 30 minutes before making adjustments.)
- The values shown in percentages represent the current level within the specific adjustment. They are available only as a reference tool. (To create a uniform white or black screen, the percentages for each will probably not be the same.)

Adjustment Contents

Menu	Function Descriptions	Adjustable range
Brightness 	To set the brightness of the screen	0~100%
	<b>Tips</b> <ul style="list-style-type: none"> <li>• The values shown in the “%” are available only as reference.</li> </ul>	
Temperature 	To set the color temperature	6500K~15000K in 500 K increments (including 9300 K)
	<b>Tips</b> <ul style="list-style-type: none"> <li>• The values shown in the Kelvin are available only as a reference tool.</li> <li>• While color temperature is adjusted, &lt;Gain&gt; is adjusted automatically according to the color temperature.</li> <li>• Setting the temperature under 6500 K or over 15000 K invalidates the color temperature setting. (The color temperature's setting turns "OFF".)</li> <li>• Setting the &lt;Gain&gt; invalidates the &lt;Temperature&gt; adjustment.</li> </ul>	
Gamma 	To set the gamma value	1.8~2.6
	<b>Tips</b> <ul style="list-style-type: none"> <li>• If setting the gamma value, the using the monitor in the digital signal input is recommended. If using the monitor in the analog input signal, set the gamma value from 1.8 to 2.2.</li> </ul>	
Saturation 	To change the saturation	-100~100 Setting the minimum level (-100) turns the image to the monochrome.
	<b>NOTE</b> <ul style="list-style-type: none"> <li>• The &lt;Saturation&gt; adjustment may cause undisplayable color tone.</li> </ul>	
Hue 	To change the flesh color, etc.	-100~100
	<b>NOTE</b> <ul style="list-style-type: none"> <li>• Using &lt;Hue&gt; adjustment may not obtain proper tone reproduction.</li> </ul>	
Gain 	To change each color (red, green and blue)	0~100% By adjusting the red, green and blue color tones for each mode, custom colors can be defined. Display a white or gray background image and adjust the <Gain>.
	<b>Tips</b> <ul style="list-style-type: none"> <li>• The values shown in the “%” are available only as reference.</li> <li>• The &lt;Temperature&gt; setting invalidates this setting. The &lt;Gain&gt; setting varies with color temperature.</li> </ul>	
6 Colors 	To adjust <Saturation> and <Hue> in each color (Red, Yellow, Green, Cyan, Blue and Magenta)	Hue: -100 ~ 100 Saturation: -100 ~ 100
Reset 	To return the color settings to the default settings	Select the <Reset>.

## 3-4. Power-save Setup

The <PowerManager> menu in the Adjustment menu enables to set the power-save setup.

### NOTE

- Do your part to conserve energy, turn off the monitor when you are finished using it. Disconnecting the monitor from the power supply is recommended to save energy completely.
- Even if the monitor is in a power saving mode, USB compliant devices function when they are connected to the monitor's USB (both the upstream and the downstream ports). Therefore, power consumption of the monitor will change according to the connected devices even if the monitor is in a power saving mode.

### Analog Input

This monitor complies with the "VESA DPMS" standard and adopts a power saving method.

#### [Procedure]

1. Set the PC's power saving settings.
2. Select "VESA DPMS" from the <PowerManager> menu.

#### [Power Saving System]

PC		Monitor	Power Indicator
Operation		Operation	Blue
Power saving	STAND-BY SUSPEND OFF	Power saving	Orange

#### [Power Resumption Procedure]

Operate the mouse or keyboard to return to a normal screen.

### Digital Input

This monitor complies with the "DVI DMPM"

#### [Procedure]

1. Set the PC's power saving settings.
2. Select "DVI DMPM" from the <PowerManager> menu.

#### [Power Saving System]

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

PC		Monitor	Power Indicator
Operation		Operation	Blue
Power saving		Power saving	Orange

#### [Power Resumption Procedure]

Operate the mouse or keyboard to return to a normal screen.

## 3-5. Off Timer


The off timer function causes the monitor to automatically enter a power off state after a predetermined amount of time has lapsed. This function was created to reduce Afterimage characteristics that are particular to LCD monitors when the monitor screen is left on for a long period without use.

### [Procedure]


1. Select <Off Timer> in the Adjustment menu <Others> menu.
2. Select "Enable" and touch the Right and Left directing switches to adjust the operating time (1 to 23 hours).

### [Off Timer System]

PC	Monitor	Power Indicator
Operating time (1H - 23H)	Operation	Blue
Last 15 min. in operating time	Advance Notice *1	Blue Flashing
Operating time expired	Power Off	Off

\*1 When  is pressed during the advance notice period, the monitor continues to operate for additional 90 minutes. Extension of operation time can be set without limitation.

### [Power Resumption Procedure]






Press  to return a normal screen.

### NOTE




- The off timer function works while the PowerManager is active, but there is no advance notice before the monitor's power is turned off.

## 3-6. Locking the settings




Use the "Adjustment Lock" function to prevent any accidental changes.

Buttons that can be locked	<ul style="list-style-type: none"> <li>•  (Enter button) / Adjustments/settings using Adjustment menu</li> <li>•  (Mode button)</li> <li>•  (Auto Adjustment button)</li> </ul>
Buttons that cannot be locked	<ul style="list-style-type: none"> <li>•  (Input Signal Selection button)</li> <li>•  (Power button)</li> </ul>

### [How to lock]

1. Press  to turn off the unit.
2. Press  again while pressing .  
The screen is displayed with the adjustment lock.

### [How to unlock]

1. Press  to turn off the unit.
2. Press  again while pressing .  
The screen is displayed with the adjustment lock released.

### NOTE

- The adjustment lock function may activate when calibration is performed with the calibration kit. The monitor can be unlocked using the same unlocking procedure described above.



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## 3-7. Power Indicator Setting

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Light off the power indicator. This function is available for the multiple panels settings.

### [Procedure]

1. Select <Power Indicator> in the Adjustment menu <Others> menu.
2. Select "Disable".

## 3-8. Automatic brightness adjustment

---

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

### [Procedure]

1. Select <BrightRegulator> in the Adjustment menu <Others> menu.
2. Select "Enable".

---


### **NOTE**



- This function is not available in the DICOM-CL and CAL modes.
-

## 3-9. Displaying Lower Resolutions

The lower resolutions are enlarged to full screen automatically. Using the <Screen Size> function in the <Others> menu enables to change the screen size.

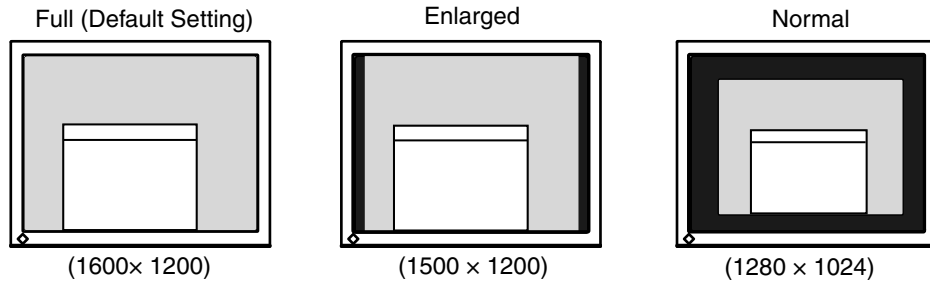
### 1 Enlarge the screen size when displaying a low resolution.

→  Select the <Screen Size>.


Select the <Screen Size> in the <Others> menu and select the screen size by using  and .

Mode	Function
Full	Displays the picture on the screen in full, irrespective of the picture's resolution. Since the vertical resolution and the horizontal resolution are enlarged at different rates, some images may appear distorted.
Enlarged	Displays the picture on the screen in full, irrespective of the picture's resolution. Since the vertical resolution and horizontal resolution are enlarged at same rates, some horizontal or vertical image may disappear.
Normal	Displays the picture at the actual Screen resolution.

Example: Displaying 1280 x 1024



### 2 Smooth the blurred texts of the enlarged screen.

→  Switch the <Smoothing> setting.

Select the suitable level from 1 - 5 (Soft - Sharp).



Select <Smoothing> in the <Screen> menu and adjust by using the right and left switches.

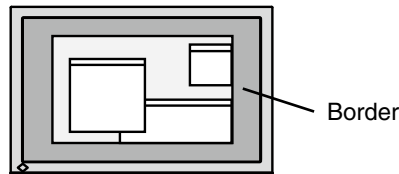
#### NOTE

- <Smoothing> is disabled in the following cases.
  - Screen is displayed in the 1600 x 1200.
  - Screen is displayed in the 800 x 600.
  - "Normal" is selected in <Screen Size>.
  - The image size is doubled both in horizontally and vertically to (i.e. 1600 x 1200 enlarged from 800 x 600) provide clear focus which does not require this function.

### 3 Set the brightness of the black area surrounding the displayed image.

→  Set the <Border Intensity>.



In the "Enlarge" mode or "Full Screen" mode, the outer area (border) is usually black. Select <BorderIntensity> in the <Others> menu and adjust by using  .



## 3-10. Setting the orientation of the Adjustment menu

The orientation of the Adjustment menu can be changed.

### [Procedure]

1. Select <Menu Settings> in the Adjustment menu <Others> menu.
2. Select <Orientation> in the <Menu Settings> menu.
3. Use   to select between "Portrait" and "Landscape".
4. Turn the monitor screen 90° in clockwise direction.

### NOTE

- Be sure that the cables are correctly connected.




### Tips

- For using the monitor with "Portrait" position, the graphics board supporting portrait display is required. When using the monitor with "Portrait" position, the setting needs to be changed depending on the graphics board used in your PC. Refer to the manual of the graphics board for details.




## 3-11. EIZO Logo Appearing Function

When switching on the power button on the front control panel, the EIZO logo is displayed for a while. If you desire to display or undisplay this logo, use this function. (Default is logo appearing.)

### [To undisplay]

1. Press  to turn off the unit.
2. Press  again while pressing .  
The EIZO logo does not appear on the screen.




### [To display]


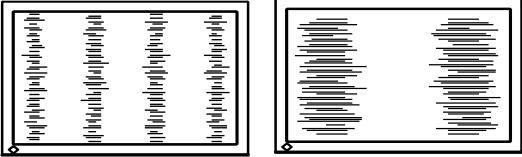
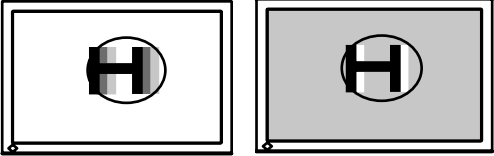
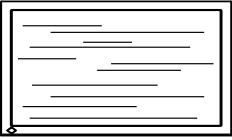

1. Press  to turn off the unit.
2. Press  again while pressing .  
The EIZO logo appear on the screen.

# 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 : See No.3 - No.14
- Other problems : See No.15 - No.18
- USB problems : See No.19 - No.20

Problems	Possible cause and remedy
<p>1. No picture</p> <ul style="list-style-type: none"> <li>• Power indicator does not light.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• Power indicator is lighting blue.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• Power indicator is lighting orange.</li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Press .</li> <li>• Set each RGB adjusting value in &lt;Gain&gt; to higher level. (<a href="#">page 22</a>).</li> <li>• Switch the input signal with .</li> <li>• Operate the mouse or keyboard.</li> <li>• Turn on the PC.</li> </ul>
<p>2. The message below appears.</p> <hr/> <ul style="list-style-type: none"> <li>• This message appears when no signal is input. (This is displayed for about 40 seconds)</li> </ul> <div data-bbox="316 1055 746 1272" style="border: 2px solid black; padding: 10px; text-align: center;"> <p><b>Signal Check</b></p> <p>Signal 2</p> <p>fH: 0.0kHz</p> <p>fV: 0.0Hz</p> </div>	<p>This message appears when the signal is not input correctly even when the monitor functions properly.</p> <ul style="list-style-type: none"> <li>• The message shown left may appear, because some PCs do not output the signal soon after power-on.</li> <li>• Check whether the PC is turned on.</li> <li>• Check whether the signal cable is connected properly.</li> <li>• Switch the input signal with .</li> </ul>
<ul style="list-style-type: none"> <li>• The message below shows that the input signal is out of the specified frequency range. (Such signal frequency is displayed in red.)</li> </ul> <p>Example:</p> <div data-bbox="316 1518 746 1736" style="border: 2px solid black; padding: 10px; text-align: center;"> <p><b>Signal Error</b></p> <p>Signal 2</p> <p>fD: 165.0MHz</p> <p>fH: 75.0kHz</p> <p>fV: 60.0Hz</p> </div>	<ul style="list-style-type: none"> <li>• Reboot the PC.</li> <li>• Select an appropriate display mode using the graphics board's utility. Refer to the manual of the graphics board for details.</li> </ul>

Problems	Possible cause and remedy
<p>3. Display position is incorrect.</p> 	<ul style="list-style-type: none"> <li>Adjust image position so that it is displayed properly within the display area using the &lt;Position&gt; adjustment (page 19).</li> <li>Adjust image position so that it is displayed properly within the display area using the "Hor.Position" and "Ver.Position" adjustment (page 19).</li> <li>If the problem persists, use the graphics board's utility if available to change the display position.</li> </ul>
<p>4. Screen image displayed is smaller or larger than the actual screen image.</p>	<ul style="list-style-type: none"> <li>Adjust the resolution using &lt;Resolution&gt; so that the input signal resolution equals the resolution in the resolution adjustment menu (page 19).</li> </ul>
<p>5. Vertical bars appear on the screen or a part of the image is flickering.</p> 	<ul style="list-style-type: none"> <li>Adjust using &lt;Clock&gt; (page 18).</li> </ul>
<p>6. The characters and images have several vertical bars on their right side.</p> 	<ul style="list-style-type: none"> <li>Adjust the characters and images using the &lt;Signal Filter&gt;.</li> </ul>
<p>7. Whole screen is flickering or blurring.</p> 	<ul style="list-style-type: none"> <li>Adjust using &lt;Phase&gt; (page 18).</li> </ul>
<p>8. Characters are blurred.</p>	<ul style="list-style-type: none"> <li>Adjust using &lt;Smoothing&gt; (page 26).</li> </ul>
<p>9. Upper part of the screen is distorted as shown below.</p> 	<ul style="list-style-type: none"> <li>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</li> </ul>
<p>10. The screen is too bright or too dark.</p>	<ul style="list-style-type: none"> <li>Adjust &lt;Brightness&gt;. (The LCD monitor backlight has a fixed life span. When the screen becomes dark or begins to flicker, contact your local dealer.)</li> </ul>
<p>11. Afterimages appear.</p>	<ul style="list-style-type: none"> <li>Use a screen saver or off timer function for a long-time image display.</li> <li>Afterimages are particular to LCD monitors. Avoid displaying the same image for a long time.</li> </ul>
<p>12. Green/red/blue/white dots or defective dots remain on the screen.</p>	<ul style="list-style-type: none"> <li>This is due to LCD panel characteristics and is not a failure.</li> </ul>
<p>13. Interference patterns or fingerprints remain on the screen.</p>	<ul style="list-style-type: none"> <li>Leave the monitor with a white screen or a black screen. The symptom may disappear.</li> </ul>
<p>14. Noise appears on the screen.</p>	<ul style="list-style-type: none"> <li>When entering the signals of analog input, select 1 to 4 in &lt;Signal Filter&gt; from the &lt;Screen&gt; menu to change the mode.</li> </ul>

## 4. Troubleshooting

Problems	Possible cause and remedy
15.The <Smoothing> icon on the Adjustment menu <Screen> cannot be selected.	<ul style="list-style-type: none"> <li>• &lt;Smoothing&gt; is disabled when the screen is displayed in the following resolutions.               <ul style="list-style-type: none"> <li>•1600 × 1200</li> <li>•800 × 600</li> </ul> </li> <li>•Select "Normal" during &lt;Screen Size&gt; mode.</li> <li>•&lt;Smoothing&gt; cannot be selected when the resolution is doubled with &lt;Screen Size&gt; menu. (Example: 800 × 600 is enlarged to 1600 × 1200)</li> </ul>
16.The Main menu of Adjustment menu does not start.	<ul style="list-style-type: none"> <li>• Check for Adjustment Lock function (<a href="#">page 24</a>).</li> </ul>
17.The CAL Switch mode is not displayed.	<ul style="list-style-type: none"> <li>• Check for Adjustment Lock function (<a href="#">page 24</a>).</li> </ul>
18. <b>A</b> does not function.	<ul style="list-style-type: none"> <li>• <b>A</b> does not function when digital signal is input.</li> <li>• Check for Adjustment Lock function (<a href="#">page 24</a>).</li> </ul>
19.PC is hung up. / The peripherals connected to the downstream ports do not operate.	<ul style="list-style-type: none"> <li>• Check that the USB cable is correctly connected.</li> <li>• Check the downstream ports by connecting the peripherals to other downstream ports. If the problem is solved by doing this, contact an EIZO dealer (For details, refer to the manual of the PC).</li> <li>• Try executing the following method.               <ul style="list-style-type: none"> <li>•Restarting the PC</li> <li>•Connecting the PC and peripherals directly</li> </ul> </li> </ul> <p>If the problem is solved by doing this, contact an EIZO dealer.</p>
20.USB function cannot be setup.	<ul style="list-style-type: none"> <li>• Check that the USB cable is correctly connected.</li> <li>• Check that the PC and OS are USB compliant (For verification of USB support, consult the manufacturer of each system).</li> <li>• Check the PC's BIOS setting for USB (For details, refer to the manual of the PC).</li> </ul>

## 5. Reference

### 5-1. Attaching an arm

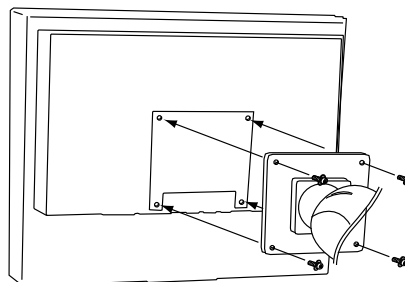
The LCD monitor can be used with an arm by removing the tilt stand and attaching the arm stand to the LCD monitor.

#### NOTE

- 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.
  - Hole spacing on the arm mounting: 100 mm x 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.
- 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)
- Please connect cables after attaching an arm stand.
- Since the monitor and arm are so heavy, dropping them may result in injury or equipment damage.

#### Setup Procedure

- 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 stand to the monitor with four screws using a screwdriver.



## 5-2. Specifications

LCD Panel		54 cm (21.3 inch), TFT color LCD panel Surface treatment : Anti-Glare Surface hardness : 3H Response Time : 16ms
Viewing Angle		Horizontal : 178°, Vertical : 178°(CR: 10 or more)
Dot Pitch		0.270mm
Horizontal Scan Frequency	Analog	24~80 kHz (Automatic)
	Digital	31~76 kHz
Vertical Scan Frequency	Analog	49~76Hz (Automatic) (1600x1200 : 49 ~ 61Hz)
	Digital	59 ~ 61 Hz (VGA TEXT: 69 ~ 71 Hz)
Resolution		1600 dots x 1200 lines
Dot Clock (Max.)	Analog	162MHz
	Digital	162MHz
Display Colors		16.77 million colors (max.)
Display Area		432 mm (H) × 324 mm (V) (17" (H) x 12.8" (V))
Power Supply		100-120 VAC±10%, 50/60 Hz, 0.7A - 0.6A (with USB) 200-240 VAC±10%, 50/60 Hz, 0.4A - 0.35A (with USB)
Power Consumption	Screen Display On	70 W (with USB)
		60W (without USB)
	Power Saving Mode	Less than 1.5 W (for single signal input without USB)
	Power switch Off	1 W or less
Input Signal Connector		DVI-I connector, D-Sub mini 15-pin
Analog Input Signal (Sync)		Separate, TTL, Positive/Negative Composite, TTL, Positive/Negative
Analog Input Signal (Video)		0.7 Vp-p / 75 ohms, Positive
Input Signal (Digital)		TMDS (Single Link)
Signal registration	Analog	45 (Factory preset: 22)
	Digital	10 (Factory preset: 0)
Plug & Play		VESA DDC 2B / EDID structure 1.3
Dimensions	with stand	465 mm (W) x 453 ~ 535 mm (H) x 208.5 mm (D) (18.3"(W) x 17.8" ~ 21.1" (H) x 8.2"(D))
	without stand	465 mm (W) x 361 mm (H) x 64 mm (D) (18.3"(W) x 14.2" (H) x 2.52"(D))
Weight	with stand	9.7kg (21.4 lbs.)
	without stand	6.7kg (14.8 lbs.)
Environment Conditions	Temperature	Operating : 0°C ~ 35°C (32°F ~ 95°F) Transportation/Storage : -20°C ~ 60°C (-4°F ~ 140°F)
		Humidity
	Pressure	Operating : 700 to 1060 hPa. Transportation/Storage : 200 to 1060 hPa.
USB	standard	USB Specification Revision 2.0
	USB port	Upstream port x 1 Downstream port x 2
	Communication Speed	480 Mbps (high), 12 Mbps (full), 1.5 Mbps (low)
	Power Supply	Downstream: 500 mA for each (max.)
Classification of Equipment		Type of protection against electric shock : Class I EMC class: EN60601-1-2:2007 Group 1 Class B Classification of medical device (MDD 93/42/EEC) : Class I Mode of operation : Continuous IP Class : IPX0



## Default settings

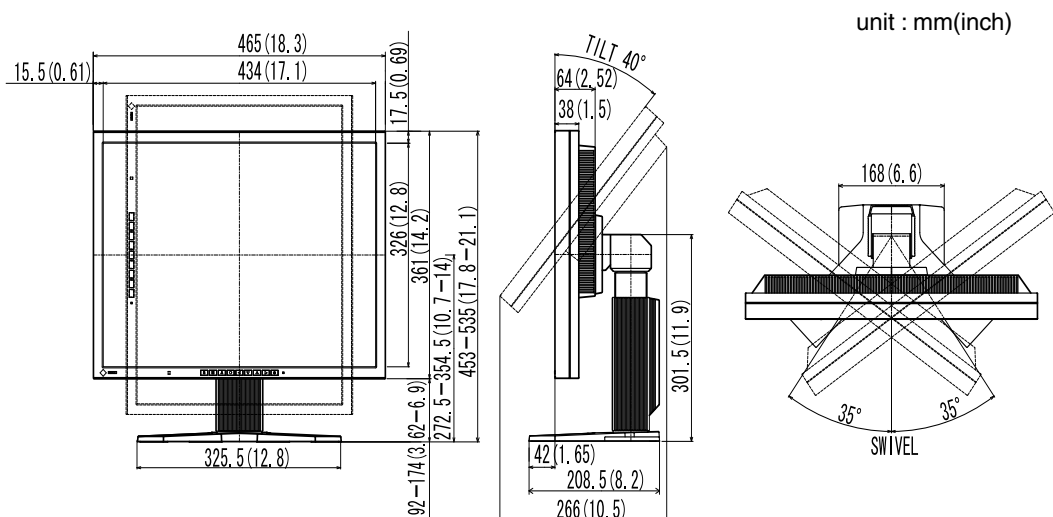
**CAL Switch Mode:** The default display mode setting is DICOM-CL mode

	Brightness	Temperature	Gamma
Custom	approx. 300 cd/m <sup>2</sup>	off	2.2
Text	approx. 100 cd/m <sup>2</sup>	7500K	2.2
DICOM-CL	170 cd/m <sup>2</sup>	7500K	DICOM
CAL	170 cd/m <sup>2</sup>	7500K	DICOM

## Others

Smoothing	3		
PowerManager	Analog input : VESA DPMS Digital input : DVI DMPM		
Screen Size	Full		
Off Timer	Disable		
Menu Settings	Menu Size	Normal	
	Menu Off Timer	45 sec	
BrightRegulator	Disable		
Language	English		

## Dimensions



## Optional

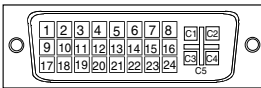
Calibration Kit	EIZO "RadiCS UX1" Ver.3.2.2 or later
Network QC Management Software	EIZO "RadiNET Pro" Ver.3.2.2 or later
Cleaning Kit	EIZO "ScreenCleaner"

For the latest information about the accessories and information about the latest compatible graphics board, refer to our web site.

<http://www.eizo.com>

## Pin Assignment

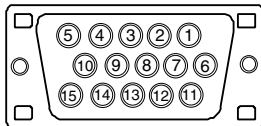
•DVI-I Connector



Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
1	TMDS Data 2-	11	TMDS Data1/3 Shield	21	NC*
2	TMDS Data 2+	12	NC*	22	TMDS Clock shield
3	TMDS Data2/4 Shield	13	NC*	23	TMDS Clock+
4	NC*	14	+5V Power	24	TMDS Clock-
5	NC*	15	Ground (return for +5V, Hsync and Vsync)	C1	Analog Red
6	DDC Clock (SCL)	16	Hot Plug Detect	C2	Analog Green
7	DDC Data (SDA)	17	TMDS Data0-	C3	Analog Blue
8	Analog Vertical Sync	18	TMDS Data0+	C4	Analog Horizontal Sync
9	TMDSData1-	19	TMDS Data0/5 Shield	C5	Analog Ground(analog R,G,&B return)
10	TMDS Data1+	20	NC*		

(\*NC: No Connection)

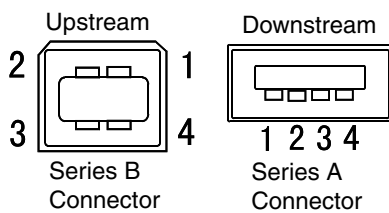
•D-sub mini 15-pin connector



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*	16	V. Sync
5	Ground	10	Ground	15	Clock (SCL)

(\*NC: No Connection)

•USB Port



No.	Signal	Remarks
1	VCC	Cable power
2	- Data	Serial data
3	+ Data	Serial data
4	Ground	Cable Ground

---

## 5-3. Glossary

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### **Clock**

With the analog input signal display, the analog signal is converted to a digital signal by the LCD circuitry. To convert the signal correctly, the LCD monitor needs to produce the same number clock pulse as the dot clock of the graphics system. When the clock pulse is not correctly set, some vertical bars of distortion are displayed on the screen.

### **DICOM (Digital Imaging and Communication in Medicine)**

DICOM is a standard for digital imaging and communication for medical use developed by American College of Radiology and National Electric Manufacturers Association.

### **DVI (Digital Visual Interface)**

A digital flat panel interface. DVI can transmit digital data from the PC directly without loss with the signal transition method "TMDS". There are two kinds of DVI connectors. One is DVI-D connector for digital signal input only. The other is DVI-I connector for both digital and analog signal inputs.

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

The Power management system for the digital interface. The "Monitor ON" status (operation mode) and the "Active Off" status (power-saving mode) are indispensable for the DVI-DMPM as the monitor's power mode.

### **Gain Adjustment**

Adjusts each color parameter for red, green and blue. The color of the LCD monitor is displayed through the color filter of the LCD panel. Red, green and blue are the three primary colors. The colors on the monitor are displayed by combining these three colors. The color tone can change by adjusting the illumination amount passed through each color's filter.

### **Gamma**

Generally, the relationship that the light intensity values of a monitor change nonlinearly to the input signal level is called "Gamma Characteristic". On the monitor, low gamma values display the whitish images and high gamma values display the high contrast images.

### **Phase**

The phase adjustment decides the sampling timing point for converting the analog input signal to a digital signal. Adjusting the phase after the clock adjustment will produce a clear screen.

### **Range Adjustment**

The Range Adjustment controls the level of output signal range to display the whole color gradation.

## **Resolution**

The LCD panel consists of a fixed number of pixel elements which are illuminated to form the screen image. This monitor consists of 1600 horizontal pixels and 1200 vertical pixels. At a resolution of 1600 x 1200 , all pixels are displayed as a full screen.

## **Temperature**

Color Temperature is a method to measure the white color tone, generally indicated in degrees Kelvin. At high temperatures the white tone appears somewhat blue, while at lower temperatures it appears somewhat red. Computer monitors generally give best performance at high temperature settings.

5000 K: Slightly reddish white.

6500 K: Warm-white tone, similar to white paper or daylight.

9300 K: Slightly bluish white.

## **TMDS (Transition Minimized Differential Signaling)**

A signal transition method for the digital interface.

## **VESA DPMS**

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

The acronym VESA stands for "Video Electronics Standards Association", and DPMS stands for "Display Power Management Signaling". DPMS is a communication standard that PCs and graphics boards use to implement power savings on the monitor side.

# 6. APPENDIX/ANHANG/ANNEXE

## Preset Timing Chart for Analog input Timing-Übersichten für Analog Eingang Synchronisation des Signaux pour Analog numerique

### NOTE

- Based on the signal diagram shown below factory presets have been registered in the monitor's microprocessor.
- Der integrierte Mikroprozessor des Monitors unterstützt werkseitige Standardeinstellungen (siehe hierzu die nachfolgenden Diagramme).
- Signaux ont été enregistrés en usine dans le microprocesseur du moniteur, conformément au diagramme de synchronisation ci-dessous.

Mode	Dot Clock MHz		Frequencies	
			Horizontal:kHz	Vertical:Hz
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
Macintosh 640×480@67Hz	30.2 MHz	Horizontal	35.00	Negative
		Vertical	66.67	Negative
Macintosh 832×624@75Hz	57.3 MHz	Horizontal	49.72	Negative
		Vertical	74.55	Negative
Macintosh 1152×870@75Hz	100.0 MHz	Horizontal	68.68	Negative
		Vertical	75.06	Negative
Macintosh 1280×960@75Hz	126.2 MHz	Horizontal	74.76	Positive
		Vertical	74.76	Positive
PC-9801 640×400@56Hz	21.0 MHz	Horizontal	24.83	Negative
		Vertical	56.42	Negative
PC-9821 640×400@70Hz	25.2 MHz	Horizontal	31.48	Negative
		Vertical	70.10	Negative
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

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

## FCC Declaration of Conformity

**We, the Responsible Party**

EIZO Inc.

5710 Warland Drive, Cypress, CA 90630

Phone: (562) 431-5011

**declare that the product**

Trade name: EIZO

Model: RadiForce MX210

**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 la classe B est conforme à la norme NMB-003 du Canada.

# EMC Information

Essential performance of RadiForce series is to display images and operate functions normally.



## CAUTION

The RadiForce series requires special precautions regarding EMC and need to be installed, put into service and used according to the following information.

Do not use any cables other than the cables that provided or specified by us.

Using other cables may cause the increase of emission or decrease of immunity.

Do not put any portable and mobile RF communications equipment close to the RadiForce series.

Doing so may affect the RadiForce series.


The RadiForce series should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the equipment or system should be observed to verify normal operation in the configuration in which it will be used.

Guidance and manufacturer's declaration - electromagnetic emissions		
The RadiForce series is intended for use in the electromagnetic environment specified below. The customer or the user of the RadiForce series should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment - guidance
RF emissions EN55011	Group 1	The RadiForce series uses RF energy only for its internal function. Therefore, its RF emission are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions EN55011	Class B	The RadiForce series is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions EN61000-3-2	Not applicable	
Voltage fluctuations / flicker emissions EN61000-3-3	Complies	

Guidance and manufacturer's declaration - electromagnetic immunity			
The RadiForce series is intended for use in the electromagnetic environment specified below. The customer or the user of the RadiForce series should assure that it is used in such an environment.			
Immunity test	IEC60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) EN61000-4-2	±6kV contact ±8kV air	±6kV contact ±8kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient / burst EN61000-4-4	±2kV for power supply lines ±1kV for input/output lines	±2kV for power supply lines ±1kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge EN61000-4-5	±1kV line(s) to line(s) ±2kV line(s) to earth	±1kV line(s) to line(s) ±2kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines EN61000-4-11	<5% $U_T$ (>95% dip in $U_T$ ) for 0.5 cycle 40% $U_T$ (60% dip in $U_T$ ) for 5 cycles 70% $U_T$ (30% dip in $U_T$ ) for 25 cycles <5% $U_T$ (>95% dip in $U_T$ ) for 5sec	<5% $U_T$ (>95% dip in $U_T$ ) for 0.5 cycle 40% $U_T$ (60% dip in $U_T$ ) for 5 cycles 70% $U_T$ (30% dip in $U_T$ ) for 25 cycles <5% $U_T$ (>95% dip in $U_T$ ) for 5sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the RadiForce series requires continued operation during power mains interruptions, it is recommended that the RadiForce series be powered from an uninterruptible power supply or a battery.
Power frequency (50/60Hz) magnetic field EN61000-4-8	3A/m	3A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
<b>NOTE</b> $U_T$ is the a.c. mains voltage prior to application of the test level.			

**Guidance and manufacturer's declaration - electromagnetic immunity**

The RadiForce series is intended for use in the electromagnetic environment specified below. The customer or the user of the RadiForce series should assure that it is used in such an environment.

Immunity test	IEC60601 test level	Compliance level	Electromagnetic environment - guidance
<p>Conducted RF EN61000-4-6</p> <p>Radiated RF EN61000-4-3</p>	<p>3Vrms 150kHz to 80MHz</p> <p>3V/m 80MHz to 2.5GHz</p>	<p>3V</p> <p>3V/m</p>	<p>Portable and mobile RF communications equipment should be used no closer to any part of the RadiForce series, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended Separation distance</p> <p><math>d = 1.2 \sqrt{P}</math></p> <p><math>d = 1.2 \sqrt{P}</math>, 80MHz to 800MHz  <math>d = 2.3 \sqrt{P}</math>, 800MHz to 2.5GHz</p> <p>Where "P" is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and "d" is the recommended separation distance in meters (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey<sup>a</sup>, should be less than the compliance level in each frequency range<sup>b</sup>.</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol.</p> 

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

<sup>a</sup> Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the RadiForce series is used exceeds the applicable RF compliance level above, the RadiForce series should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the RadiForce series.

<sup>b</sup> Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.



## Recommended separation distances between portable and mobile RF communications equipment and the RadiForce Series

The RadiForce series is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the RadiForce series can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the RadiForce series as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter  W	Separation distance according to frequency of transmitter m		
	150kHz to 80MHz $d = 1.2 \sqrt{P}$	80MHz to 800MHz $d = 1.2 \sqrt{P}$	800MHz to 2.5GHz $d = 2.3 \sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance “d” in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where “P” is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Cable length		
Power Cord :	Accessory	2.0m
Signal Cable (FD-C39) :	Accessory	2.0m
Signal Cable (MD-C87) :	Option	1.8m
USB Cable (MD-C93) :	Accessory	1.8m

## LIMITED WARRANTY

EIZO Corporation (hereinafter referred to as “**EIZO**”) and distributors authorized by EIZO (hereinafter referred to as the “**Distributors**”) warrant, subject to and in accordance with the terms of this limited warranty (hereinafter referred to as the “**Warranty**”), to the original purchaser (hereinafter referred to as the “**Original Purchaser**”) who purchased the product specified in this document (hereinafter referred to as the “**Product**”) from EIZO or Distributors, that EIZO and Distributors shall, at their sole discretion, either repair or replace the Product at no charge if the Original Purchaser becomes aware within the Warranty Period (defined below) that the Product malfunctions or is damaged in the course of normal use of the Product in accordance with the description in the instruction manual attached to the Product (hereinafter referred to as the “**User’s Manual**”).

The period of this Warranty is limited to (i) five (5) years from the date of purchase of the Product; or, limited to the expiration of (ii) 30,000 hours of its use of the Product (hereinafter referred to as the “**Warranty Period**”); provided, however, that the Warranty Period for the LCD panel of the Product is limited to three (3) years from the date of purchase of the Product. EIZO and Distributors shall bear no liability or obligation with regard to the Product in relation to the Original Purchaser or any third parties other than as provided under this Warranty.

EIZO and Distributors will cease to hold or store any parts of the Product upon expiration of seven (7) years after the production of such parts is discontinued. In repairing the monitor, EIZO and Distributors will use renewal parts which comply with our QC standards.

The Warranty is valid only in the countries or territories where the Distributors are located. The Warranty does not restrict any legal rights of the Original Purchaser.

Notwithstanding any other provision of this Warranty, EIZO and Distributors shall have no obligation under this Warranty whatsoever in any of the cases as set forth below:

- (a) Any defect of the Product caused by freight damage, modification, alteration, abuse, misuse, accident, incorrect installation, disaster, faulty maintenance and/or improper repair by third party other than EIZO and Distributors;
- (b) Any incompatibility of the Product due to possible technical innovations and/or regulations;
- (c) Any deterioration of display performance caused by the deterioration of expendable parts such as the LCD panel and/or backlight, etc. (e.g. changes in brightness, changes in brightness uniformity, changes in color, changes in color uniformity, defects in pixels including burnt pixels, etc.);
- (d) Any defect of the Product caused by external equipment;
- (e) Any defect of the Product on which the original serial number has been altered or removed;
- (f) Any normal deterioration of the product, particularly that of consumables, accessories, and/or attachments (e.g. buttons, rotating parts, cables, User’s Manual, etc.); and
- (g) Any deformation, discoloration, and/or warp of the exterior of the product including that of the surface of the LCD panel.

To obtain service under the Warranty, the Original Purchaser must deliver the Product, freight prepaid, in its original package or other adequate package affording an equal degree of protection, assuming the risk of damage and/or loss in transit, to the local Distributor. The Original Purchaser must present proof of purchase of the Product and the date of such purchase when requesting services under the Warranty.

The Warranty Period for any replaced and/or repaired product under this Warranty shall expire at the end of the original Warranty Period.

EIZO OR DISTRIBUTORS ARE NOT RESPONSIBLE FOR ANY DAMAGE TO, OR LOSS OF, DATA OR OTHER INFORMATION STORED IN ANY MEDIA OR ANY PART OF ANY PRODUCT RETURNED TO EIZO OR DISTRIBUTORS FOR REPAIR.

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Diese Garantie gilt nur in Ländern oder Gebieten, in denen sich Vertriebe befinden. Die gesetzlichen Gewährleistungsrechte des Erstkäufers gegenüber dem Verkäufer werden durch diese Garantie nicht berührt.

EIZO und die Vertriebe besitzen im Rahmen dieser Garantie keinerlei Verpflichtung in den folgenden Fällen:

- (a) Produktdefekte, die auf Frachtschäden, Modifikation, Nachgestaltung, Missbrauch, Fehlbedienung, Unfälle, unsachgemäße Installation, Naturkatastrophen, fehlerhafte Wartung und/oder unsachgemäße Reparatur durch eine andere Partei als EIZO und die Vertriebe zurückzuführen sind.
- (b) Eine Inkompatibilität des Produkts aufgrund von technischen Neuerungen und/oder neuen Bestimmungen, die nach dem Kauf in Kraft treten.
- (c) Jegliche Verschlechterung der Bildschirmleistung, die durch Verschleißteile wie das LCD-Panel und/oder die Hintergrundbeleuchtung usw. hervorgerufen werden (z.B. Veränderungen von Helligkeit oder Helligkeitsverteilung, Veränderungen von Farbe oder Farbverteilung, Pixeldefekte einschließlich von durchgebrannten Pixeln usw.).
- (d) Produktdefekte, die durch externe Geräte verursacht werden.
- (e) Jeglicher Defekt eines Produkts, dessen ursprüngliche Seriennummer geändert oder entfernt wurde.
- (f) Normale Abnutzung des Produkts, insbesondere von Verbrauchsteilen, Zubehörteilen und/oder Beilagen (z.B. Tasten, drehbare Teile, Kabel, Benutzerhandbuch usw.); sowie
- (g) Verformungen, Verfärbungen und/oder Verziehungen am Produktäußeren, einschließlich der Oberfläche des LCD-Panels.

Bei Inanspruchnahme der Garantieleistung ist der Erstkäufer verpflichtet, das Produkt auf eigene Kosten und in der Originalverpackung bzw. einer anderen geeigneten Verpackung, die einen gleichwertigen Schutz gegen Transportschäden bietet, an den örtlichen Vertrieb zu übersenden, wobei der Erstkäufer das Transportrisiko gegenüber Schäden und/oder Verlust trägt. Zum Zeitpunkt der Inanspruchnahme der Garantieleistung muss der Erstkäufer einen Verkaufsbeleg vorweisen, auf dem das Kaufdatum angegeben ist.

Die Garantiefrist für ein im Rahmen dieser Garantie ausgetauschtes und/oder repariertes Produkt erlischt nach Ablauf der ursprünglichen Garantiefrist.

EIZO ODER DIE EIZO-VERTRAGSIMPORTEURE HAFTEN NICHT FÜR ZERSTÖRTE DATENBESTÄNDE ODER DIE KOSTEN DER WIEDERBESCHAFFUNG DIESER DATENBESTÄNDE AUF JEDLICHEN DATENTRÄGERN ODER TEILEN DES PRODUKTS, DIE IM RAHMEN DER GARANTIE BEI EIZO ODER DEN EIZO-VERTRAGSIMPORTEUREN ZUR REPARATUR EINGEREICHT WURDEN.

EIZO UND DIE EIZO-VERTRAGSIMPORTEURE GEBEN WEDER EXPLIZITE NOCH IMPLIZITE GARANTIEEN IN BEZUG AUF DIESES PRODUKT UND SEINE QUALITÄT, LEISTUNG, VERKÄUFLICHKEIT ODER EIGNUNG FÜR EINEN BESTIMMTEN ZWECK. AUF KEINEN FALL SIND EIZO ODER DIE EIZO-VERTRAGSIMPORTEURE VERANTWORTLICH FÜR JEDLICHE ZUFÄLLIGE, INDIREKTE, SPEZIELLE, FOLGE- ODER ANDERE SCHÄDEN JEDLICHER ART (EINSCHLIESSLICH OHNE JEDE BEGRENZUNG SCHÄDEN BEZÜGLICH PROFITVERLUST, GESCHÄFTSUNTERBRECHUNG, VERLUST VON GESCHÄFTSINFORMATION ODER JEDLICHE ANDEREN FINANZIELLEN EINBUSSEN), DIE DURCH DIE VERWENDUNG DES PRODUKTES ODER DIE UNFÄHIGKEIT ZUR VERWENDUNG DES PRODUKTES ODER IN JEDLICHER BEZIEHUNG MIT DEM PRODUKT, SEI ES BASIEREND AUF VERTRAG, SCHADENSERSATZ, NACHLAESSIGKEIT, STRIKTE HAFTPFLICHT ODER ANDEREN FORDERUNGEN ENTSTEHEN, AUCH WENN EIZO UND DIE EIZO-VERTRAGSIMPORTEURE IM VORAUS ÜBER DIE MÖGLICHKEIT SOLCHER SCHÄDEN INFORMIERT WURDEN. DIESER AUSSCHLUSS ENTHÄLT AUCH JEDE HAFTPFLICHT, DIE AUS FORDERUNGEN DRITTER GEGEN DEN ERSTKÄUFER ENTSTEHEN KANN. ZWECK DIESER KLAUSEL IST ES, DIE HAFTUNG VON EIZO UND DEN VERTRIEBEN GEGENÜBER FORDERUNGEN ZU BEGRENZEN, DIE AUS DIESER BESCHRÄNKTEN GARANTIE UND/ODER DEM VERKAUF ENTSTEHEN KÖNNEN.

## GARANTIE LIMITÉE

EIZO Corporation (ci-après dénommé « **EIZO** ») et les distributeurs autorisés par EIZO (ci-après dénommés « **Distributeurs** »), sous réserve et conformément aux termes de cette garantie limitée (ci-après dénommée « **Garantie** »), garantissent à l'acheteur initial (ci-après dénommé « **Acheteur initial** ») du produit spécifié dans la présente (ci-après dénommé « **Produit** ») acheté auprès d'EIZO ou de Distributeurs agréés EIZO, que EIZO et ses Distributeurs auront pour option de réparer ou remplacer gratuitement le Produit si l'Acheteur initial constate, pendant la Période de garantie (définie ci-dessous), qu'il y a un dysfonctionnement ou que le Produit a subi un dommage dans le cadre d'une utilisation normale du Produit conformément à la description du mode d'emploi qui accompagne le Produit (ci-après dénommé « **Manuel d'utilisation** »).

La période de cette Garantie est limitée à (i) cinq (5) ans à partir de la date d'achat du Produit ou à (ii) 30 000 heures d'utilisation du Produit (ci-après dénommée « **Période de Garantie** »), sous réserve, toutefois, que la Période de Garantie du panneau LCD du Produit est limitée à trois (3) ans à partir de la date d'achat du Produit. EIZO et ses Distributeurs déclinent toute responsabilité ou obligation concernant ce Produit face à l'Acheteur initial ou à toute autre personne à l'exception de celles stipulées dans la présente Garantie.

EIZO et ses Distributeurs cesseront de tenir ou conserver en stock toute pièce de ce Produit après l'expiration de la période de sept (7) ans suivant l'arrêt de la production de telles pièces. Pour réparer le moniteur, EIZO et ses distributeurs utiliseront des pièces de rechange conformes à nos normes de contrôle qualité.

La Garantie est valable uniquement dans les pays ou les territoires où se trouvent les Distributeurs. La Garantie ne limite aucun des droits reconnus par la loi à l'Acheteur initial.

Nonobstant toute autre clause de cette Garantie, EIZO et ses Distributeurs n'auront d'obligation dans le cadre de cette Garantie pour aucun des cas énumérés ci-dessous :

- (a) Tout défaut du Produit résultant de dommages occasionnés lors du transport, d'une modification, d'une altération, d'un abus, d'une mauvaise utilisation, d'un accident, d'une installation incorrecte, d'un désastre, d'un entretien et/ou d'une réparation incorrects effectués par une personne autre que EIZO ou ses Distributeurs ;
- (b) Toute incompatibilité du Produit résultant d'améliorations techniques et/ou réglementations possibles ;
- (c) Toute détérioration des performances d'affichage causée par la détérioration des éléments consommables tels que le panneau LCD et/ou le rétroéclairage, etc. (par exemple des changements de luminosité, des changements de l'uniformité de la luminosité, des modifications de couleur, des changements de l'uniformité des couleurs, des défauts de pixels y compris des pixels brûlés, etc.);
- (d) Tout défaut du Produit causé par un appareil externe ;
- (e) Tout défaut d'un Produit sur lequel le numéro de série original a été altéré ou supprimé ;
- (f) Toute détérioration normale du Produit, particulièrement celle des consommables, des accessoires et/ou des pièces reliées au Produit (touches, éléments pivotants, câbles, Manuel d'utilisation etc.), et
- (g) Toute déformation, décoloration, et/ou gondolage de l'extérieur du Produit, y compris celle de la surface du panneau LCD.

Pour bénéficier d'un service dans le cadre de cette Garantie, l'Acheteur initial doit renvoyer le Produit port payé, dans son emballage d'origine ou tout autre emballage approprié offrant un degré de protection équivalent, au Distributeur local, et assumera la responsabilité des dommages et/ou perte possibles lors du transport. L'Acheteur initial doit présenter une preuve d'achat du Produit comprenant sa date d'achat pour bénéficier de ce service dans le cadre de la Garantie.

La Période de garantie pour tout Produit remplacé et/ou réparé dans le cadre de cette Garantie expirera à la fin de la Période de garantie initiale.

EIZO OU SES DISTRIBUTEURS NE SAURAIENT ÊTRE TENUS RESPONSABLES DES DOMMAGES OU PERTES DE DONNÉES OU D'AUTRES INFORMATIONS STOCKÉES DANS UN MÉDIA QUELCONQUE OU UNE AUTRE PARTIE DU PRODUIT RENVOYÉ À EIZO OU AUX DISTRIBUTEURS POUR RÉPARATION.

AUCUNE AUTRE GARANTIE, EXPLICITE OU TACITE, N'EST OFFERTE PAR EIZO ET SES DISTRIBUTEURS CONCERNANT LE PRODUIT ET SES QUALITÉS, PERFORMANCES, QUALITÉ MARCHANDE OU ADAPTATION À UN USAGE PARTICULIER. EN AUCUN CAS, EIZO OU SES DISTRIBUTEURS NE SERONT RESPONSABLES DES DOMMAGES FORTUITS, INDIRECTS, SPÉCIAUX, INDUITS, OU DE TOUT AUTRE DOMMAGE QUEL QU'IL SOIT (Y COMPRIS, SANS LIMITATION, LES DOMMAGES RÉSULTANT D'UNE PERTE DE PROFIT, D'UNE INTERRUPTION D'ACTIVITÉS, D'UNE PERTE DE DONNÉES COMMERCIALES, OU DE TOUT AUTRE MANQUE À GAGNER) RÉSULTANT DE L'UTILISATION OU DE L'INCAPACITÉ D'UTILISER LE PRODUIT OU AYANT UN RAPPORT QUELCONQUE AVEC LE PRODUIT, QUE CE SOIT SUR LA BASE D'UN CONTRAT, D'UN TORT, D'UNE NÉGLIGENCE, D'UNE RESPONSABILITÉ STRICTE OU AUTRE, MÊME SI EIZO OU SES DISTRIBUTEURS ONT ÉTÉ AVERTIS DE LA POSSIBILITÉ DE TELS DOMMAGES. CETTE LIMITATION INCLUT AUSSI TOUTE RESPONSABILITÉ QUI POURRAIT ÊTRE SOULEVÉE LORS DES RÉCLAMATIONS D'UN TIERS CONTRE L'ACHETEUR INITIAL. L'ESSENCE DE CETTE CLAUSE EST DE LIMITER LA RESPONSABILITÉ POTENTIELLE DE EIZO ET DE SES DISTRIBUTEURS RÉSULTANT DE CETTE GARANTIE LIMITÉE ET/OU DES VENTES.

## GARANTÍA LIMITADA

EIZO Corporation (en lo sucesivo “EIZO”) y sus distribuidores autorizados (en lo sucesivo los “Distribuidores”), con arreglo y de conformidad con los términos de esta garantía limitada (en lo sucesivo la “Garantía”), garantizan al comprador original (en lo sucesivo el “Comprador original”) que compró el producto especificado en este documento (en lo sucesivo el “Producto”) a EIZO o a sus Distribuidores, que EIZO y sus Distribuidores, a su propio criterio, repararán o sustituirán el Producto de forma gratuita si el Comprador original detecta dentro del periodo de la Garantía (indicado posteriormente) que el Producto no funciona correctamente o que se ha averiado durante el uso normal del mismo de acuerdo con las indicaciones del manual de instrucciones suministrado con el Producto (en lo sucesivo el “Manual del usuario”).

El periodo de validez de esta Garantía está limitado a (i) cinco (5) años a partir de la fecha de compra del Producto o (ii) a 30.000 horas de uso del Producto (en adelante designado como el “Periodo de Garantía”); con la exclusión, no obstante, de que el periodo de garantía del panel LCD del Producto está limitado a tres (3) años a partir de la fecha de compra del Producto. EIZO y sus Distribuidores no tendrán ninguna responsabilidad ni obligación con respecto al Producto para con el Comprador original ni para con terceros que no sean las estipuladas en la presente Garantía.

EIZO y sus Distribuidores no estarán obligados a suministrar cualquier recambio del Producto una vez pasados siete (7) años desde que se deje de fabricar el mismo. Para la reparación del monitor, EIZO y los distribuidores utilizarán repuestos que cumplan con nuestros estándares de control de calidad.

La Garantía es válida sólo en los países y territorios donde están ubicados los Distribuidores. La Garantía no restringe ningún derecho legal del Comprador original.

A pesar de las estipulaciones de esta Garantía, EIZO y sus Distribuidores no tendrán obligación alguna bajo esta Garantía en ninguno de los casos expuestos a continuación:

- (a) Cualquier defecto del Producto causado por daños en el transporte, modificación, alteración, abuso, uso incorrecto, accidente, instalación incorrecta, desastre, mantenimiento incorrecto y/o reparación indebida realizada por un tercero que no sea EIZO o sus Distribuidores.
- (b) Cualquier incompatibilidad del Producto debida a posibles innovaciones técnicas y/o reglamentaciones.
- (c) Cualquier deterioro en el rendimiento de la visualización causado por fallos en las piezas consumibles como el panel LCD y/o la "Backlight", etc. (p. ej. cambios de brillo, cambios de uniformidad del brillo, cambios de color, cambios de uniformidad del color, defectos de píxeles, incluyendo píxeles muertos, etc.).
- (d) Cualquier defecto del Producto causado por un equipo externo.
- (e) Cualquier defecto del Producto en el que haya sido alterado o borrado el número de serie original.
- (f) Cualquier deterioro normal del Producto, y en particular de las piezas consumibles, accesorios y demás (p. ej. botones, piezas giratorias, cables, Manual del usuario, etc.).
- (g) Cualquier deformación, decoloración y/o alabeo del exterior del Producto incluida la superficie del panel LCD.

Para obtener servicio en los términos de esta Garantía, el Producto deberá ser enviado por el Comprador original, a su Distribuidor local, con el transporte previamente pagado, en el embalaje original u otro embalaje adecuado que ofrezca el mismo grado de protección, asumiendo el riesgo de daños y/o pérdida del Producto durante el transporte. El Comprador original deberá presentar un comprobante de compra del Producto en el que se refleje la fecha de compra del mismo cuando lo solicite el servicio de Garantía.

El Periodo de garantía para cualquier Producto reemplazado y/o reparado en los términos de esta Garantía expirará al vencer el Periodo de garantía original.

EIZO O LOS DISTRIBUIDORES AUTORIZADOS DE EIZO NO SE RESPONSABILIZAN DE NINGÚN DAÑO O PÉRDIDA QUE PUEDAN SUFRIR LOS DATOS U OTRA INFORMACIÓN ALMACENADA EN CUALQUIER MEDIO O CUALQUIER PARTE DE CUALQUIER PRODUCTO DEVUELTO A EIZO O A LOS DISTRIBUIDORES DE EIZO PARA SU REPARACIÓN.

EIZO Y LOS DISTRIBUIDORES AUTORIZADOS DE EIZO NO OFRECEN NINGUNA OTRA GARANTÍA, IMPLÍCITA NI EXPLÍCITA, CON RESPECTO AL PRODUCTO Y A SU CALIDAD, RENDIMIENTO, COMERCIABILIDAD E IDONEIDAD PARA CUALQUIER USO EN PARTICULAR. EN NINGÚN CASO SERÁN EIZO O LOS DISTRIBUIDORES AUTORIZADOS DE EIZO RESPONSABLES DE NINGÚN DAÑO EMERGENTE, INDIRECTO, ESPECIAL, INHERENTE O CUALQUIERA QUE SEA (INCLUYENDO, SIN LIMITACIÓN, DAÑOS POR LUCRO CESANTE, INTERRUPCIÓN DE LA ACTIVIDAD COMERCIAL, PÉRDIDA DE INFORMACIÓN COMERCIAL O CUALQUIER OTRA PÉRDIDA PECUNIARIA) QUE SE DERIVE DEL USO O IMPOSIBILIDAD DE USO DEL PRODUCTO O EN RELACIÓN CON EL PRODUCTO, YA SEA BASADO EN CONTRATO, POR AGRAVIO, NEGLIGENCIA, ESTRICTA RESPONSABILIDAD O CUALQUIERA QUE SEA, AUN CUANDO SE HAYA ADVERTIDO A EIZO O A LOS DISTRIBUIDORES DE EIZO DE LA POSIBILIDAD DE TALES DAÑOS. ESTA EXCLUSIÓN TAMBIÉN ABARCA CUALQUIER RESPONSABILIDAD QUE PUEDA DERIVARSE DE RECLAMACIONES HECHAS POR UN TERCERO CONTRA EL COMPRADOR ORIGINAL. LA ESENCIA DE ESTA ESTIPULACIÓN ES LIMITAR LA RESPONSABILIDAD POTENCIAL DE EIZO Y LOS DISTRIBUIDORES QUE PUDIERA DERIVARSE DE ESTA GARANTÍA LIMITADA Y/O VENTAS.

## GARANZIA LIMITATA

EIZO Corporation (a cui si farà riferimento da qui in poi con “**EIZO**”) ed i Distributori autorizzati da EIZO (a cui si farà riferimento da qui in poi con “**Distributori**”) garantiscono, secondo i termini di questa garanzia limitata (a cui si farà riferimento da qui in poi con “**Garanzia**”) all’acquirente originale (a cui si farà riferimento da qui in poi con “**Acquirente originale**”) che ha acquistato il prodotto specificato in questo documento (a cui si farà riferimento da qui in poi con “**Prodotto**”) da EIZO o dai suoi Distributori, che EIZO e i distributori, a loro discrezione, ripareranno o sostituiranno il Prodotto senza addebito se l’Acquirente originale trova, entro il periodo della Garanzia (definito sotto), che il Prodotto malfunziona e si è danneggiato nel corso del suo normale utilizzo osservando le indicazioni del manuale di istruzioni allegato al Prodotto (a cui si farà riferimento da qui in poi con “**Manuale utente**”).

La presente Garanzia è limitato a (i) cinque (5) anni a partire dalla data d’acquisto del Prodotto; o, limitato (ii) allo scadere di 30.000 ore d’utilizzo del Prodotto (a cui si farà riferimento da qui in poi con “**Periodo di Garanzia**”); tenendo però presente che il Periodo di garanzia del pannello LCD del Prodotto è limitato a tre (3) anni dalla data d’acquisto del Prodotto. EIZO e i suoi Distributori non si assumono alcuna responsabilità e non hanno alcun obbligo riguardo al Prodotto verso l’Acquirente originale o terzi diversi da quelli relativi a questa Garanzia.

EIZO e i suoi Distributori cesseranno di tenere o di conservare qualsiasi ricambio del Prodotto allo scadere di sette (7) anni dopo che la produzione di tali ricambi è stata terminata. Per la riparazione del monitor, EIZO e i Distributori utilizzeranno parti di ricambio conformi ai nostri standard di controllo della qualità.

La Garanzia è valida soltanto nei paesi dove ci sono i Distributori EIZO. La Garanzia non limita alcun diritto legale dell’Acquirente originale.

Indipendentemente da qualsiasi altra condizione di questa Garanzia, EIZO e i suoi Distributori non avranno alcun obbligo derivante da questa Garanzia in ognuno dei casi elencati di seguito:

- (a) Qualsiasi difetto del Prodotto causato da danni di trasporto, modifiche, alterazioni, abusi, usi impropri, incidenti, installazione errata, calamità, manutenzione errata e/o riparazioni improprie eseguite da terze parti che non siano EIZO o i suoi Distributori.
- (b) Qualsiasi incompatibilità del Prodotto dovuta a possibili innovazioni tecniche e/o normative.
- (c) Qualsiasi deterioramento delle prestazioni dello schermo causato dal deterioramento delle parti consumabili, come il pannello LCD e/o la retroilluminazione, ecc. (per esempio: i cambiamenti di luminosità, cambiamenti di uniformità della luminosità, i cambiamenti di colore, i cambiamenti di uniformità del colore, i difetti dei pixel, inclusi i pixel bruciati, ecc.).
- (d) Qualsiasi difetto del Prodotto causato da apparecchiature esterne.
- (e) Qualsiasi difetto del Prodotto in cui il numero di serie originale sia stato alterato o rimosso.
- (f) Qualsiasi normale deterioramento del Prodotto, in particolar modo nelle sue parti di consumo, accessori, e/o attacchi (per esempio: tasti, parti rotanti, cavi, Manuale dell’utente, ecc.).
- (g) Qualsiasi tipo di deformazione, scolorimento, e/o di involucro esterno del Prodotto inclusa la superficie del pannello LCD.

Per ricevere assistenza tecnica con questa Garanzia, l’Acquirente originale deve inviare il Prodotto, con trasporto pre-pagato, nella sua confezione originale o altra confezione adeguata che fornisce un livello analogo di protezione, assumendosi il rischio di danni e/o perdita in transito, al Distributore locale. L’Acquirente originale deve presentare la prova di acquisto che stabilisce la data di acquisto del Prodotto quando richiede servizio sotto Garanzia.

Il Periodo di garanzia per qualsiasi Prodotto sostituito e/o riparato sotto questa Garanzia scade alla fine del Periodo di garanzia originale.

EIZO O I SUOI DISTRIBUTORI NON SONO RESPONSABILI PER QUALSIASI DANNO O PERDITA DI DATI O ALTRE INFORMAZIONI MEMORIZZATI SU QUALSIASI SUPPORTO O QUALSIASI PARTE DI QUALSIASI PRODOTTO INVIATO A EIZO O I SUOI DISTRIBUTORI PER RIPARAZIONI.

EIZO E I SUOI DISTRIBUTORI NON OFFRONO ALCUNA GARANZIA ADDIZIONALE, IMPLICITA O ESPLICITA, RIGUARDO IL PRODOTTO E LA SUA QUALITÀ, PRESTAZIONI, VENDIBILITÀ O APPROPRIATEZZA PER QUALSIASI USO PARTICOLARE. IN NESSUN CASO EIZO O I DISTRIBUTORI EIZO AUTORIZZATI SARANNO RESPONSABILI PER QUALSIASI DANNO ACCIDENTALE, INDIRECTO, SPECIALE, CONSEGUENTE O DI QUALSIASI ALTRA NATURA (INCLUSI, SENZA LIMITI, DANNI PER PERDITA DI PROFITTI, INTERRUZIONE DELLE ATTIVITÀ, PERDITA DI INFORMAZIONI D’AFFARI O QUALSIASI ALTRA PERDITA PECUNIARIA) DERIVANTI DALL’USO O DALL’IMPOSSIBILITÀ DI USARE IL PRODOTTO O IN QUALSIASI RELAZIONE AL PRODOTTO, SIA SU BASE DI CONTRATTO, TORTO, NEGLIGENZA, STRETTA RESPONSABILITÀ O ALTRIMENTI, ANCHE SE EIZO O I DISTRIBUTORI EIZO AUTORIZZATI SONO STATI AVVERTITI DELLA POSSIBILITÀ DI TALI DANNI. QUESTA ESCLUSIONE INCLUDE ANCHE QUALSIASI RESPONSABILITÀ CHE POSSA INSORGERE DA RECLAMI DI TERZI CONTRO L’ACQUIRENTE ORIGINALE. L’ESSENZA DI QUESTO PROVVEDIMENTO È LIMITARE LA RESPONSABILITÀ POTENZIALE DI EIZO E DEI DISTRIBUTORI DERIVANTE DA QUESTA GARANZIA LIMITATA E/O DALLE VENDITE.



## BEGRÄNSAD GARANTI

EIZO Corporation (nedan kallat "**EIZO**") och EIZOs auktoriserade distributörer (nedan kallade "**Distributörer**") garanterar i enlighet med villkoren i denna begränsade garanti (nedan kallad "**Garantin**") den ursprunglige köparen (nedan kallad den "**Ursprunglige köparen**") som köpte den i dokumentet specificerade produkten (nedan kallad "**Produkten**") från EIZO eller Distributörer, att EIZO eller Distributörer enligt eget gottfinnande kostnadsfritt antingen reparera eller byta ut den defekta Produkten om den Ursprunglige köparen inom Garantiperioden (definieras nedan) upptäcker att Produkten fungerar felaktigt eller skadas under normal användning av Produkten i enlighet med beskrivningen i bruksanvisningen (nedan kallad "**Bruksanvisning**").

Giltighetsperioden för denna garanti är begränsad till (i) fem (5) år från datumet för Produktens inköp eller, om detta inträffar tidigare, begränsat till utlöpanget av (ii) 30 000 timmars användning av Produkten (håri kallad "**Garantiperioden**"). Garantiperioden för Produktens LCD-panel är dock begränsad till tre (3) år från datumet för Produktens inköp. EIZO och Distributörer ska inte under några villkor ha något annat ansvar än vad som anges i denna garanti gällande Produkten i relation till den Ursprunglige köparen eller tredje part.

EIZO och Distributörer kommer att upphöra med lagerhållning av Produktens delar efter sju (7) år efter att produktionen av dessa delar upphört. När skärmen repareras använder EIZO och distributörer reservdelar som uppfyller våra kvalitetsstandarder.

Garantin är endast giltig i de länder där det finns Distributörer. Garantin begränsar inte några av den Ursprunglige köparens lagstadgade rättigheter.

Oavsett andra villkor i denna garanti ska inte EIZO Distributörer under några villkor ha något ansvar i något av de fall som beskrivs nedan:

- (a) När någon bristfällighet hos Produkten kan härledas till att ha uppstått vid frakt, modifiering, ändring, felaktigt handhavande, olycka, felaktig installation, katastrof, felaktigt underhåll och/eller felaktig reparation utförd av tredje part annan än EIZO och Distributörer.
- (b) Alla former av inkompatibilitet hos Produkten på grund av möjliga tekniska innovationer och/eller bestämmelser.
- (c) Alla försämringar av bildens prestanda beroende på förbrukningsdelar så som LCD-panel och/eller bakgrundsbelysning etc. (t.ex. ändringar i ljusstyrka, jämnhet i ljusstyrka, färg, färgjämnhet, defekta pixlar och/eller fast lysande pixlar etc.).
- (d) Alla defekter hos Produkten som orsakats av extern utrustning.
- (e) Alla defekter hos Produkten på vilken det ursprungliga serienumret har ändrats eller avlägsnats.
- (f) All normal försämring av Produkten, speciellt förbrukningsartiklar, tillbehör och/eller yttre delar (t.ex. knappar, roterande delar, kablar, Bruksanvisningen etc.).
- (g) Varje deformation, missfärgning och/eller skevhet av Produktens yttre inklusive ytan på LCD-panelen.

För att erhålla service under denna garanti måste den Ursprunglige köparen (med hänseende till risken för skada och/eller förlust under transport) leverera Produkten till närmaste Distributör med förebetalad frakt, i dess ursprungliga förpackning eller annan fullgod förpackning som ger likvärdigt skydd. Den Ursprunglige köparen måste kunna visa inköpsbevis för Produkten som klargör Produktens inköpsdatum vid begäran av garantiservice.

Garantiperioden för alla utbytta och/eller reparerade produkter under denna garanti skall upphöra vid utgången av den ursprungliga Garantiperioden.

EIZO ELLER DISTRIBUTÖRER ÄR INTE ANSVARIGA FÖR NÅGON FORM AV SKADA ELLER FÖRLUST AV DATA ELLER ANNAN INFORMATION SOM HAR LAGRATS I NÅGON FORM AV MEDIA ELLER ANNAN DEL AV NÅGON PRODUKT SOM HAR RETURNERATS TILL EIZO ELLER DISTRIBUTÖRER FÖR REPARATION.

EIZO OCH DISTRIBUTÖRERNA GARANTERAR INGET, UTTRYCKLIGEN ELLER UNDERFÖRSTÅTT, VAD BETRÄFFAR PRODUKTEN OCH DESS KVALITET, PRESTANDA, SÄLJBARHET ELLER LÄMPLIGHET FÖR NÅGON FORM AV SPECIELL ANVÄNDNING. UNDER INGA OMSTÄNDIGHETER SKALL EIZO ELLER DISTRIBUTÖRERNA HÅLLAS ANSVARIGA FÖR NÅGRA SOM HELST UNDERORDNADE, INDIREKTA, SPECIELLA, DÄRAV FÖLJANDE ELLER ÖVRIGA SKADOR (INKLUSIVE, UTAN BEGRÄNSNING TILL, SKADOR FÖR FÖRLUST AV INKOMST, AVBRUTEN AFFÄRSRÖRELSE, FÖRLUST AV AFFÄRSINFORMATION ELLER ANNAN SÄRSKILD FÖRLUST) SOM UPPSTÅTT SOM ETT RESULTAT AV ANVÄNDNING ELLER OFÖRMÅGA ATT ANVÄNDA PRODUKTEN ELLER I NÅGON FORM AV ANSLUTNING TILL PRODUKTERNA, VARE SIG DETTA GRUNDAS PÅ KONTRAKT, ÅTALBAR HANDLING, FÖRSUMLIGHET, ANSVARSSKYLDIGHET ELLER ANNAT, ÄVEN OM EIZO ELLER DISTRIBUTÖRERNA HAR INFORMERATS BETRÄFFANDE MÖJLIGHET ATT SÅDANA SKADOR FÖRELIGGER. DETTA UNDANTAG OMFATTAR ÄVEN ALL FORM AV ANSVARSSKYLDIGHET SOM KAN UPPSTÅ GENOM EN TREDJE PARTS ANSPRÅK GENTEMOT DEN URSPRUNGLIGE KÖPAREN. GRUNDBESTÅNDSDELEN I BESTÄMMELEN ÄR ATT BEGRÄNSA DET EVENTUELLA ANSVARSTAGANDET FÖR EIZO OCH DISTRIBUTÖRERNA SOM KAN UPPSTÅ GENOM DENNA BEGRÄNSADE GARANTI OCH/ELLER FÖRSÄLJNING.

## ΠΕΡΙΟΡΙΣΜΕΝΗ ΕΓΓΥΗΣΗ

Η EIZO Corporation (στο εξής «**EIZO**») και οι διανομείς που εξουσιοδοτεί η EIZO (στο εξής «**Διανομείς**») παρέχουν εγγύηση, υποκείμενη και σύμφωνα με τους όρους της παρούσας περιορισμένης εγγύησης (στο εξής «**Εγγύηση**»), στον αρχικό αγοραστή (στο εξής «**Αρχικός Αγοραστής**») ο οποίος αγόρασε το προϊόν που καθορίζεται στο παρόν έγγραφο (στο εξής «**Προϊόν**») από την EIZO ή τους Διανομείς, η οποία εξασφαλίζει ότι η EIZO και οι Διανομείς, σύμφωνα με τη διακριτή ευχέρειά τους, είτε θα επισκευάσουν είτε θα αντικαταστήσουν το Προϊόν χωρίς χρέωση εάν ο Αρχικός Αγοραστής αντιληφθεί εντός της Περιόδου Εγγύησης (ορίζεται κατωτέρω) ότι το Προϊόν δυσλειτουργεί ή έχει υποστεί βλάβη κατά τη διάρκεια κανονικής χρήσης του Προϊόντος σύμφωνα με την περιγραφή στο εγχειρίδιο χρήσης που συνοδεύει το Προϊόν (στο εξής «**Εγχειρίδιο Χρήστη**»).

Η περίοδος της παρούσας Εγγύησης είναι (i) πέντε (5) έτη από την ημερομηνία αγοράς του Προϊόντος, ή, στη λήξη των (ii) 30.000 ωρών χρήσης του Προϊόντος (στο εξής «**Περίοδος Εγγύησης**»), με την προϋπόθεση, ωστόσο, ότι η Περίοδος Εγγύησης για την οθόνη LCD του Προϊόντος περιορίζεται σε τρία (3) έτη από την ημερομηνία αγοράς του Προϊόντος. Η EIZO και οι Διανομείς δεν φέρουν καμία ευθύνη ή υποχρέωση όσον αφορά το Προϊόν σε σχέση με τον Αρχικό Αγοραστή ή οποιοδήποτε τρίτο μέρος, ούτε άλλη ευθύνη διαφορετική από αυτήν που παρέχεται στην παρούσα Εγγύηση.

Η EIZO και οι Διανομείς θα παύσουν να διατηρούν ή να αποθηκεύουν τυχόν εξαρτήματα του Προϊόντος κατόπιν της λήξης των επτά (7) ετών μετά τη διακοπή της παραγωγής τέτοιων εξαρτημάτων. Κατά την επισκευή της οθόνης, η EIZO και οι Διανομείς θα χρησιμοποιήσουν ανταλλακτικά επισκευής που συμμορφώνονται με τα πρότυπά μας για τη Διασφάλιση Ποιότητας.

Η Εγγύηση ισχύει μόνο σε χώρες ή περιοχές όπου βρίσκονται οι Διανομείς. Η Εγγύηση δεν περιορίζει οποιαδήποτε νόμιμα δικαιώματα του Αρχικού Αγοραστή.

Λαμβανομένης υπόψη κάθε διάταξης της παρούσας Εγγύησης, η EIZO και οι Διανομείς δεν θα έχουν καμία απολύτως υποχρέωση σύμφωνα με την παρούσα Εγγύηση σε οποιαδήποτε από τις περιπτώσεις που διατυπώνονται κατωτέρω:

- (α) Τυχόν ελάττωμα του Προϊόντος που προκαλείται από ζημιά κατά τη μεταφορά, τροποποίηση, αλλαγή, κατάχρηση, λανθασμένη χρήση, ατύχημα, λανθασμένη εγκατάσταση, καταστροφή, εσφαλμένη συντήρηση ή/και λανθασμένη επισκευή από τρίτο μέρος εκτός της EIZO και των Διανομέων,
- (β) Τυχόν ασυμβατότητα του Προϊόντος λόγω πιθανών τεχνικών καινοτομιών ή/και κανονισμών,
- (γ) Τυχόν επιδείνωση της απόδοσης οθόνης που προκαλείται από τη φθορά αναλώσιμων εξαρτημάτων όπως της οθόνης LCD ή/και του φωτός υποβάθρου, κτλ. (π.χ. αλλαγές στη φωτεινότητα, αλλαγές στην ομοιομορφία φωτεινότητας, αλλαγές στο χρώμα, αλλαγές στην ομοιομορφία χρώματος, ελαττώματα σε ρικελ περιλαμβανομένων των καμένων ρικελ, κτλ.),
- (δ) Τυχόν ελάττωμα του Προϊόντος που προκαλείται από εξωτερικό εξοπλισμό,
- (ε) Τυχόν ελάττωμα του Προϊόντος στο οποίο έχει τροποποιηθεί ή αφαιρεθεί ο γνήσιος αριθμός σειράς,
- (στ) Τυχόν φυσιολογική φθορά του προϊόντος, ιδιαίτερα αυτής των αναλώσιμων, των αξεσουάρ ή/και των προσαρτημάτων (π.χ. κουμπιά, περιστρεφόμενα μέρη, καλώδια, Εγχειρίδιο Χρήστη, κτλ.), και
- (ζ) Τυχόν παραμόρφωση, αποχρωματισμό ή/και διαστρέβλωση του εξωτερικού μέρους του προϊόντος, περιλαμβανομένης της επιφάνειας της οθόνης LCD.

Ο Αρχικός Αγοραστής για να δικαιούται υπηρεσίες επισκευής σύμφωνα με την Εγγύηση, θα πρέπει να παραδώσει το Προϊόν, με πληρωμένα τα μεταφορικά έξοδα, στην αρχική του συσκευασία ή σε άλλη επαρκή συσκευασία με ισότιμο βαθμό προστασίας, αναλαμβάνοντας τον κίνδυνο βλάβης ή/και απώλειας κατά τη μεταφορά, στον τοπικό Διανομέα. Ο Αρχικός Αγοραστής όταν ζητά υπηρεσίες επισκευής σύμφωνα με την Εγγύηση, θα πρέπει να προσκομίζει την απόδειξη αγοράς του Προϊόντος και την ημερομηνία της αγοράς.

Η Περίοδος Εγγύησης για οποιοδήποτε αντικατεστημένο ή/και επισκευασμένο προϊόν σύμφωνα με την παρούσα Εγγύηση λήγει στο τέλος της αρχικής Περιόδου Εγγύησης.

Η EIZO Ή ΟΙ ΔΙΑΝΟΜΕΙΣ ΔΕΝ ΕΥΘΥΝΟΝΤΑΙ ΓΙΑ ΟΠΟΙΟΔΗΠΟΤΕ ΒΛΑΒΗ Ή ΑΠΩΛΕΙΑ ΔΕΔΟΜΕΝΩΝ Ή ΑΛΛΩΝ ΠΛΗΡΟΦΟΡΙΩΝ ΠΟΥ ΑΠΟΘΗΚΕΥΟΝΤΑΙ ΣΕ ΟΠΟΙΟΔΗΠΟΤΕ ΜΕΣΟ Ή ΟΠΟΙΟΔΗΠΟΤΕ ΑΛΛΟ ΜΕΡΟΣ ΣΕ ΟΠΟΙΟΔΗΠΟΤΕ ΠΡΟΪΟΝ ΠΟΥ ΕΠΙΣΤΡΕΦΕΤΑΙ ΣΤΗΝ EIZO Ή ΣΕ ΔΙΑΝΟΜΕΑ ΓΙΑ ΕΠΙΣΚΕΥΗ.

Η EIZO ΚΑΙ ΟΙ ΔΙΑΝΟΜΕΙΣ ΔΕΝ ΠΑΡΕΧΟΥΝ ΚΑΜΙΑ ΠΕΡΑΙΤΕΡΩ ΕΓΓΥΗΣΗ, ΡΗΤΗ Ή ΣΥΝΕΠΑΓΟΜΕΝΗ, ΟΣΟΝ ΑΦΟΡΑ ΤΟ ΠΡΟΪΟΝ ΚΑΙ ΤΗΝ ΠΟΙΟΤΗΤΑ, ΤΗΝ ΑΠΟΔΟΣΗ, ΤΗΝ ΕΜΠΟΡΕΥΣΙΜΟΤΗΤΑ Ή ΤΗΝ ΚΑΤΑΛΛΗΛΟΤΗΤΑ ΤΟΥ ΓΙΑ ΟΠΟΙΟΔΗΠΟΤΕ ΣΥΓΚΕΚΡΙΜΕΝΗ ΧΡΗΣΗ. ΣΕ ΚΑΜΙΑ ΠΕΡΙΠΤΩΣΗ Η EIZO Ή ΟΙ ΔΙΑΝΟΜΕΙΣ ΔΕΝ ΘΑ ΕΥΘΥΝΟΝΤΑΙ ΓΙΑ ΚΑΜΙΑ ΑΠΟΛΥΤΩΣ ΤΥΧΑΙΑ, ΕΜΜΕΣΗ, ΕΙΔΙΚΗ, ΣΥΝΕΠΑΓΟΜΕΝΗ Ή ΑΛΛΗ ΒΛΑΒΗ (ΠΕΡΙΛΑΜΒΑΝΟΜΕΝΩΝ, ΜΕΤΑΞΥ ΑΛΛΩΝ, ΒΛΑΒΩΝ Ή ΑΠΩΛΕΙΑΣ ΚΕΡΔΩΝ, ΔΙΑΚΟΠΗΣ ΕΠΙΧΕΙΡΗΜΑΤΙΚΩΝ ΔΡΑΣΤΗΡΙΟΤΗΤΩΝ, ΑΠΩΛΕΙΑΣ ΕΠΙΧΕΙΡΗΜΑΤΙΚΩΝ ΠΛΗΡΟΦΟΡΙΩΝ Ή ΤΥΧΟΝ ΑΛΛΗΣ ΧΡΗΜΑΤΙΚΗΣ ΑΠΩΛΕΙΑΣ) ΠΟΥ ΠΡΟΚΥΠΤΕΙ ΑΠΟ ΤΗ ΧΡΗΣΗ Ή ΤΗΝ ΑΝΙΚΑΝΟΤΗΤΑ ΧΡΗΣΗΣ ΤΟΥ ΠΡΟΪΟΝΤΟΣ Ή ΤΥΧΟΝ ΑΛΛΗΣ ΣΥΝΔΕΣΗΣ ΜΕ ΤΟ ΠΡΟΪΟΝ, ΕΙΤΕ ΒΑΣΙΖΕΤΑΙ ΣΕ ΣΥΜΒΟΛΑΙΟ, ΒΛΑΒΗ, ΑΜΕΛΕΙΑ, ΑΥΣΤΗΡΗ ΕΥΘΥΝΗ Ή ΕΙΔΑΛΛΩΣ, ΑΚΟΜΗ ΚΙ ΕΑΝ Η EIZO Ή ΟΙ ΔΙΑΝΟΜΕΙΣ ΕΝΗΜΕΡΩΘΟΥΝ ΓΙΑ ΤΗΝ ΠΙΘΑΝΟΤΗΤΑ ΤΕΤΟΙΩΝ ΖΗΜΙΩΝ. Η ΕΞΑΙΡΕΣΗ ΑΥΤΗ ΠΕΡΙΛΑΜΒΑΝΕΙ ΕΠΙΣΗΣ ΟΠΟΙΟΔΗΠΟΤΕ ΕΥΘΥΝΗ ΕΝΔΕΧΕΤΑΙ ΝΑ ΠΡΟΚΥΨΕΙ ΑΠΟ ΑΞΙΩΣΕΙΣ ΤΡΙΤΟΥ ΜΕΡΟΥΣ ΚΑΤΑ ΤΟΥ ΑΡΧΙΚΟΥ ΑΓΟΡΑΣΤΗ. Η ΟΥΣΙΑ ΤΟΥ ΟΡΟΥ ΑΥΤΟΥ ΕΙΝΑΙ ΝΑ ΠΕΡΙΟΡΙΣΕΙ ΤΗΝ ΠΙΘΑΝΗ ΕΥΘΥΝΗ ΤΗΣ EIZO ΚΑΙ ΤΩΝ ΔΙΑΝΟΜΕΩΝ ΠΟΥ ΠΡΟΚΥΠΤΕΙ ΑΠΟ ΤΗΝ ΠΑΡΟΥΣΑ ΕΓΓΥΗΣΗ Ή/ΚΑΙ ΤΙΣ ΠΩΛΗΣΕΙΣ.



## ОГРАНИЧЕННАЯ ГАРАНТИЯ

EIZO Corporation (называемая в дальнейшем “EIZO”) и авторизованные EIZO дистрибуторы (называемые в дальнейшем “Дистрибуторы”) гарантируют, в соответствии с условиями и пунктами этой ограниченной гарантии (называемой в дальнейшем “Гарантия”), первичному покупателю (называемому в дальнейшем “Первоначальный покупатель”), который приобрел у EIZO или Дистрибуторов продукт, указанный в этом документе (называемый в дальнейшем “Продукт”), что EIZO или Дистрибуторы на свое усмотрение либо бесплатно отремонтируют, либо бесплатно заменят Продукт, если Первоначальный покупатель признает в пределах Гарантийного срока (определенного ниже), что Продукт неисправен или он поврежден процессе нормального использования продукта в соответствии с описанием в инструкции по эксплуатации, прилагаемой к Продукту (называемой в дальнейшем “Руководство пользователя”).

Гарантийный период ограничен сроком (i) пять (5) лет от даты приобретения Продукта, или ограничен сроком (ii) 30 000 часов использования Продукта (называемый в дальнейшем “Гарантийный период”), при условии, что Гарантийный период для панели ЖКД ограничен сроком три (3) года от даты приобретения Продукта. EIZO и Дистрибуторы не несут никакой ответственности и не берут обязательств относительно Продукта по отношению к Первоначальному покупателю или по отношению к любым третьим сторонам, кроме обязательств, оговоренных в этой Гарантии.

EIZO и Дистрибуторы прекратят хранение или складирование любых деталей Продукта по истечении семи (7) лет после прекращения производства таких деталей. В случае ремонта монитора EIZO и Дистрибуторы будут использовать запчасти, которые соответствуют нашим стандартам QC (контроль качества).

Гарантия действительна только в странах или регионах, где расположены Дистрибуторы. Гарантия не ограничивает никакие законные права Первоначального покупателя.

Несмотря на другие условия этой Гарантии EIZO и Дистрибуторы не несут никаких обязательств согласно этой Гарантии в любом из перечисленных ниже случаев:

- (а) Любые дефекты Продукта, вызванные повреждениями при перевозке, модификацией, изменением, неправильным обращением, неправильным использованием, авариями, неправильной установкой, стихийными бедствиями, неправильным уходом и/или неправильным ремонтом третьей стороной, отличной от EIZO или Дистрибуторов;
- (б) Любые несовместимости Продукта из-за технических усовершенствований и/или изменения технических норм;
- (в) Любые ухудшения работы дисплея, вызванные изнашиванием невосстановимых частей, таких как панель ЖКД и/или подсветка и т.д. (например, изменение в яркости, изменение в равномерности яркости, изменение в цветности, изменение в равномерности цветности, изменение в пикселях, включая выгоревшие пиксели и т.д.);
- (г) Любые дефекты Продукта, вызванные внешним оборудованием;
- (д) Любые дефекты Продукта, при которых оригинальный серийный номер был изменен или удален;
- (е) Любые естественные ухудшения продукта, в частности, вызванные износом расходных частей, принадлежностей и/или приспособлений (например, кнопок, вращающихся частей, кабелей, Руководства пользователя и т.д.); и
- (ж) Любые деформации, изменения цвета и/или коробления внешней поверхности продукта, включая поверхность панели ЖКД.

Чтобы получить техническое обслуживание в рамках Гарантии, Первоначальный покупатель должен доставить Продукт местному Дистрибутору, оплатив перевозку, в его оригинальной упаковке или в другой соответствующей упаковке, обеспечивающей равноценную степень защиты, принимая во внимание риск повреждения и/или утерю при транспортировке. При запросе технического обслуживания в рамках Гарантии Первоначальный покупатель должен предоставить свидетельство покупки продукта и даты покупки.

Гарантийный период для любого замененного и/или отремонтированного продукта в рамках Гарантии истекает в конце завершения срока действия оригинального Гарантийного периода.

EIZO ИЛИ ДИСТРИБУТОРЫ НЕ НЕСУТ ОТВЕТСТВЕННОСТИ ЗА ЛЮБЫЕ ПОВРЕЖДЕНИЯ ИЛИ УТЕРЮ ДАННЫХ ИЛИ ДРУГОЙ ИНФОРМАЦИИ, ХРАНЯЩИХСЯ НА КАКИХ-ЛИБО НОСИТЕЛЯХ ИНФОРМАЦИИ ИЛИ НА ЛЮБЫХ ДРУГИХ ЧАСТЯХ ПРОДУКТА, КОТОРЫЙ ВОЗВРАЩЕН EIZO ИЛИ ДИСТРИБУТОРАМ ДЛЯ РЕМОНТА.

EIZO И ДИСТРИБУТОРЫ НЕ ДАЮТ НИКАКОЙ ДАЛЬНЕЙШЕЙ ГАРАНТИИ, ВЫРАЖЕННОЙ ИЛИ ПОДРАЗУМЕВАЕМОЙ, ОТНОСИТЕЛЬНО ПРОДУКТА И ЕГО КАЧЕСТВА, ТЕХНИЧЕСКИХ ХАРАКТЕРИСТИК, ТОВАРНОСТИ ИЛИ СООТВЕТСТВИЯ ДЛЯ КАКОГО-ЛИБО ОПРЕДЕЛЕННОГО ИСПОЛЬЗОВАНИЯ. НИ ПРИ КАКИХ УСЛОВИЯХ EIZO ИЛИ ДИСТРИБУТОРЫ НЕ НЕСУТ ОТВЕТСТВЕННОСТИ ЗА ЛЮБОЙ СЛУЧАЙНЫЙ, КОСВЕННЫЙ, СПЕЦИАЛЬНЫЙ, ПОБОЧНЫЙ ИЛИ ИНОЙ УЩЕРБ (ВКЛЮЧАЯ, БЕЗ ОГРАНИЧЕНИЙ, УЩЕРБ ИЗ-ЗА НЕПОЛУЧЕННОЙ ПРИБЫЛИ, ПРЕРЫВАНИЯ БИЗНЕСА, ПОТЕРИ КОММЕРЧЕСКОЙ ИНФОРМАЦИИ ИЛИ ЛЮБЫЕ ДРУГИЕ ФИНАНСОВЫЕ ПОТЕРИ), ВОЗНИКШИЙ ИЗ-ЗА ИСПОЛЬЗОВАНИЯ ИЛИ НЕВОЗМОЖНОСТИ ИСПОЛЬЗОВАТЬ ПРОДУКТ ИЛИ В ЛЮБОЙ ДРУГОЙ СВЯЗИ С ПРОДУКТОМ, ЛИБО ОСНОВАННЫЙ НА КОНТРАКТНЫХ ОТНОШЕНИЯХ, ГРАЖДАНСКИХ ПРАВОНАРУШЕНИЯХ, НЕБРЕЖНОСТИ, ПРИЧИНЕНИЯ УЩЕРБА ТРЕТЬЕЙ СТОРОНЕ ИЛИ ЧЕМ-ЛИБО ЕЩЕ, ДАЖЕ ЕСЛИ EIZO ИЛИ ДИСТРИБУТОРЫ БЫЛИ УВЕДОМЛЕНЫ О ВОЗМОЖНОСТИ ТАКОГО УЩЕРБА. ЭТО ИСКЛЮЧЕНИЕ ТАКЖЕ ВКЛЮЧАЕТ ЛЮБЫЕ ОБЯЗАТЕЛЬСТВА, КОТОРЫЕ МОГУТ ВОЗНИКНУТЬ В РЕЗУЛЬТАТЕ ТРЕБОВАНИЙ ТРЕТЬЕЙ СТОРОНЫ В ОТНОШЕНИИ ПЕРВОНАЧАЛЬНОГО ПОКУПАТЕЛЯ. СУЩЕСТВОМ ЭТОГО ПОЛОЖЕНИЯ ЯВЛЯЕТСЯ ОГРАНИЧЕНИЕ ПОТЕНЦИАЛЬНОЙ ОТВЕТСТВЕННОСТИ EIZO И ДИСТРИБУТОРОВ, ВОЗНИКАЮЩЕЙ ИЗ-ЗА ЭТОЙ ОГРАНИЧЕННОЙ ГАРАНТИИ И/ИЛИ ПРОДАЖ.

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- (g) 本产品表面包括液晶显示屏(LCD)表面的任何变形、变色和/翘曲。

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## 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 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (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。  
×：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。  
(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)

