Instructions for Use

RadiForce®
RX670

Color LCD Monitor

Important

Please make sure you read the Instructions for Use and Installation Manual before use.
Please retain this manual for future reference.

- See the Installation Manual for monitor settings and adjustments.
- The latest product information, including the Instructions for Use, is available on our web site.
  www.eizoglobal.com

SYMBOLS

This manual and this product use the symbols below. They denote critical information. Please read them carefully.

WARNING	Failure to abide by the information in a WARNING may result in serious injury and can be life threatening.
CAUTION	Failure to abide by the information in a CAUTION may result in moderate injury and/or property or product damage.
	Indicates a warning or caution. For example,  indicates an "electrical shock" hazard.
	Indicates a prohibited action. For example,  means "Do not disassemble".

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.

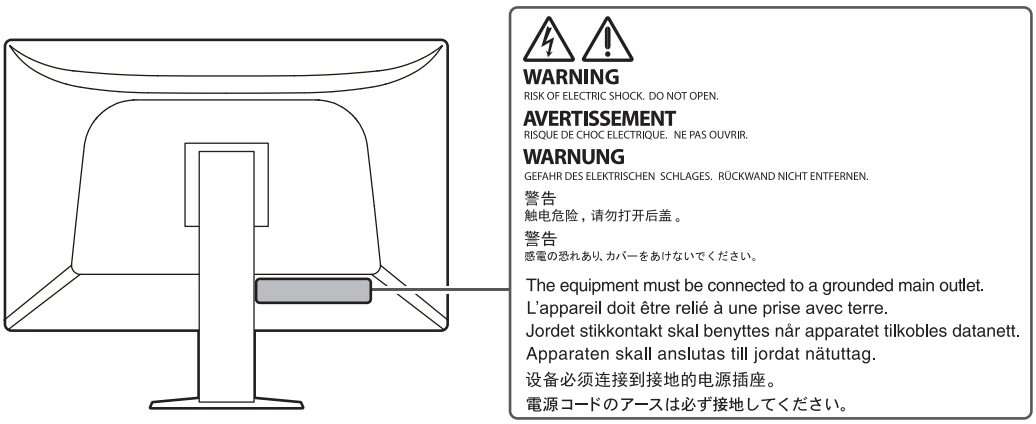
PRECAUTIONS

Important

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.

To personal safety and proper maintenance, please read carefully the "PRECAUTIONS" section and the caution statements on the monitor.

Location of Caution Statement



Symbols on the unit

Symbol	This symbol indicates
○	Main power switch: Press to turn the monitor's main power off.
|	Main power switch: Press to turn the monitor's main power on.
⏻	Power button: Press to turn the monitor's power on or off.
~	Alternating current
⚡	Alerting electrical shock hazard
⚠	CAUTION
	WEEE marking: Product must be disposed of separately; materials may be recycled.
CE	CE marking: EU conformity mark in accordance with the provisions of Council Directive and/or Regulation (EU).
	Manufacturer
	Date of manufacture
Rx only	Caution: Federal law (USA) restricts this device to sale by or on the order of a licensed healthcare practitioner.
EU Medical Device	Medical device in the EU

Symbol	This symbol indicates
EU Importer	Importer in the EU
UK CA	Mark signifying compliance with UK regulations
UK Responsible Person	UK Responsible Person
CH REP	Authorised representative in Switzerland
EC REP	Authorised representative in the European Community

WARNING

⚠ 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 EIZO representative for advice.

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

⚠ WARNING

Do not disassemble or modify the unit.

Opening the cabinet may result in electrical shock or burn by high-voltage or high-temperature parts. Modifying the unit may result in fire or electrical shock.

⚠ WARNING

Refer all servicing to qualified service personnel.

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

⚠ WARNING

Keep foreign objects or liquids away from the unit.

Metal parts, flammable materials, or liquids accidentally falling into the cabinet may result in fire, electrical 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.

⚠ WARNING

Place the unit at a sturdy and stable place.

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

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

⚠ WARNING

Use the unit in an appropriate location.

Otherwise, fire, electrical shock, or equipment damage may result.

- Do not place outdoors.
- Do not place in any form of transportation (ships, aircraft, trains, automobiles, etc.).
- Do not place in dusty or humid environments.
- Do not place in locations where water may be splashed on the screen (bathrooms, kitchens, etc.)
- Do not place in locations where steam comes in direct contact with the screen.
- Do not place near heat generating devices or humidifiers.
- Do not place in locations where the product is subject to direct sunlight.
- Do not place in environments with inflammable gas.
- Do not place in environments with corrosive gases (such as sulfur dioxide, hydrogen sulfide, nitrogen dioxide, chlorine, ammonia, and ozone).
- Do not place in environments with dust, components that accelerate corrosion in the atmosphere (such as sodium chloride and sulfur), conductive metals, and so on.

⚠ WARNING

Keep the plastic packing bags away from babies and children.

The plastic packing bags may cause suffocation.

⚠ WARNING

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

Be sure to use within the rated voltage of the power cord. Otherwise, fire or electric shock may result.

Power supply: 100-240 Vac 50/60 Hz

⚠ WARNING

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

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

⚠ WARNING

The equipment must be connected to a grounded main outlet.

Failure to do so may result in fire or electric shock.

⚠ WARNING

Use the correct voltage.

- The unit is designed for use with a specific voltage only. Connection to another voltage than specified in this "Instructions for Use" may cause fire, electric shock, or equipment damage. Power supply: 100-240 Vac 50/60 Hz
- Do not overload your power circuit, as this may result in fire or electric shock.

⚠ WARNING

Handle the power cord with care.

Do not place heavy objects on the power cord, or pull or tie the power cord. Using a damaged power cord may result in fire or electrical shock.

⚠ WARNING

The operator should not touch the patient while touching the product.

This product has not been designed to be touched by patients.

⚠ WARNING

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

Touching them may result in electrical shock.

⚠ WARNING

When attaching an arm stand, please refer to the User's Manual of the arm stand and install the unit securely.

Otherwise, the unit may become detached, resulting in injury and/or equipment damage.

Before installation, make sure that desks, walls, or any other installation surface has adequate mechanical strength.

If the unit falls, disconnect the power immediately and ask your local EIZO representative for advice. Do not continue using a damaged unit. Using a damaged unit may result in fire or electrical shock. When reattaching the tilt stand, please use the same screws and tighten them securely.

⚠ WARNING

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

If any part of your skin comes in direct contact with the panel, wash thoroughly.

If liquid crystal enters your eyes or mouth, immediately flush with large amounts of water and seek medical attention. Otherwise, you may have a toxic reaction.

⚠ WARNING

For installment in high locations, ask for the help of a professional.

When installing the monitor in a high location, there is a risk of the product or its parts falling and causing injury. Ask for help from us or from a professional who specializes in construction work when installing the monitor, including an inspection of the product for any damage or deformities both before and after installing the monitor.

CAUTION

⚠ CAUTION

Do not look directly at the light source of the backlight or task light.

It can potentially cause eye discomfort and vision problems.

⚠ CAUTION

Do not apply excessive force to the task light arm.

Bending or twisting the arm with strong force may lead to damage or malfunction.

⚠ CAUTION

Check the operational state before use.

Begin use after ensuring that there are no problems with the displayed image.

When using multiple units, begin use after ensuring that the images are displayed appropriately.

⚠ CAUTION

Securely fix cables / cords that have a fixing feature.

If they are not fixed securely, cables / cords may disconnect, and subsequently images may be cut off and your operations may be disrupted.

⚠ CAUTION

Disconnect cables and remove accessories when moving the unit.

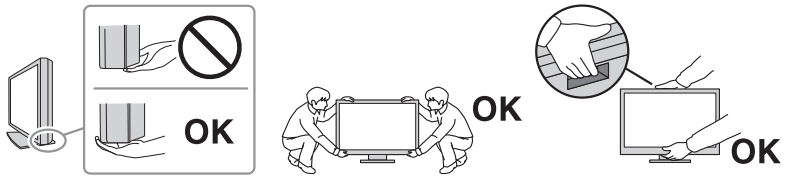
Otherwise, the cables or accessories may become detached when moving, resulting in injury.

⚠ CAUTION

Carry or place the unit according to the correct specified methods.

- When moving the product, hold the bottom of the monitor firmly.
- Monitors of size 30 inches and above are heavy. When unpacking and/or carrying the monitor, ensure at least two people are utilized.
- If your device model has a handle on the back of the monitor, grasp and firmly hold the bottom and handle of the monitor.

Dropping the unit may result in injury or equipment damage.



⚠ CAUTION

Exercise care not to pinch your hands.

If you suddenly apply force to the monitor to adjust its height or angle, your hands may be pinched and injured.

⚠ CAUTION

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 place with poor ventilation or inadequate space.
- Do not use the unit laid down or upside down.

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

⚠ CAUTION

Do not touch the power plug with wet hands.

Touching them may result in electrical shock.

⚠ CAUTION

Do not place any objects around the power plug.

This is to facilitate disconnecting the power plug in case of a problem to avoid fire or electrical shock.

⚠ CAUTION

Periodically clean the area around the power plug and the ventilation slot of the monitor.

Dust, water, or oil adhered to this area may result in fire.

⚠ CAUTION

Unplug the unit before cleaning it.

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

⚠ CAUTION

If you plan to leave the unit unused for an extended period of time, disconnect the power plug from the wall socket after turning off the power switch for the safety and the power saving.

⚠ CAUTION

Dispose of this product in accordance with the laws of the locality or country of residence.

⚠ CAUTION

For users in the territory of the EEA and Switzerland:
Any serious incident that has occurred in relation to the device should be reported to the Manufacturer and the Competent Authority of the Member State in which the user and/or patient is established.

Notice for this monitor

Indications for Use

This Product is indicated for use in displaying radiological images for review, analysis, and diagnosis by trained medical practitioners. The display is not intended for mammography.

Attention

- This product is not intended for in vitro diagnostic use.
- This product may not be covered by warranty for uses other than those described in this manual.
- The specifications noted in this manual are only applicable when using the power cords provided together with the product and EIZO-specified signal cables.
- Only use EIZO accessories products specified by EIZO with this product.

Precautions for Use

- Parts (such as the LCD panel and the fan) may deteriorate if used over extended periods of time. Periodically check that they are operating normally.
- When the screen image is changed after displaying the same image for extended periods of time, an afterimage may remain. Use the screensaver or power save function to avoid displaying the same image for extended periods of time. An afterimage may appear even after a short time period has elapsed depending on the displayed image. To remove such a phenomenon, change the image or keep the power turned off for several hours.
- It takes about several minutes for the monitor display to stabilize. Before using the monitor, wait a few minutes or longer after the monitor power has been turned on or after the monitor has recovered from the power saving mode.
- If the monitor displays continuously over a long period of time, smudges or burn-in may appear. To maximize the life of the monitor, we recommend the monitor be turned off periodically.
- The backlight of the LCD panel has a fixed lifetime. Depending on the usage pattern, such as usage for long continuous periods, the lifespan of the backlight may run out sooner, requiring replacement. When the screen becomes dark or begins to flicker, please contact your local EIZO representative.
- The screen may have defective pixels or a small number of light dots on the screen. This is due to the characteristics of the LCD panel itself, and is not a malfunction of the product.
- Do not press hard on the surface or outer frame of the LCD panel, as this may result in display malfunctions, such as interference patterns, etc. If pressure is continuously applied to the LCD panel surface, the liquid crystal may deteriorate or the LCD panel may be damaged. (If the pressure marks remain on the LCD panel, leave the monitor with a black or white screen. The symptom may disappear.)
- Do not scratch or press on the LCD panel with any sharp objects, at this may result in damage to the LCD panel. Do not attempt to brush with tissues as this may scratch the panel.
- Do not touch the built-in calibration sensor (Integrated Front Sensor). Doing so may reduce the measurement accuracy or result in equipment damage.
- Depending on the environment, the value measured by the built-in illuminance sensor may differ from the value shown on a stand-alone illuminometer.
- Dew condensation may form on the surface or interior of this product when it is brought into a cold room, when the temperature suddenly rises, or when it is moved from a cold

room to a warm room. In that case, do not turn the product on. Instead wait until the dew condensation disappears, otherwise it may cause some damage to the product.

To Use the Monitor for a Long Time

Quality control

- The display quality of monitors is affected by the quality level of input signals and the degradation of the product. Perform visual checks and periodic constancy tests (including grayscale check) to comply with medical standards / guidelines according to your application, and carry out calibration as necessary. The RadiCS (optional) monitor quality control software enables you to perform quality control that meets medical standards / guidelines.
- Please wait 15 minutes or more after the monitor power has been turned on or the monitor has recovered from the power saving mode before performing various tests for quality control, calibration, or screen adjustment of the monitor.
- We recommend that monitors be set to the recommended level or lower to reduce changes in luminosity caused by long-term use and maintain stable brightness.
- To adjust measurement results of the integrated calibration sensor (Integrated Front Sensor) to those of an external sensor that is sold separately, perform correlation between the Integrated Front Sensor and the external sensor using RadiCS (optional accessory) / RadiCS LE (included). Periodical correlation allows you to maintain the measurement result of the Integrated Front Sensor at a level equivalent to that of the external sensor. For details on correlation, refer to the RadiCS / RadiCS LE User's Manual.

Attention

- The display status of the monitor may change unexpectedly due to an operating error or unexpected setting change. Using the monitor with the operation switches locked is recommended after adjusting the screen of the monitor.
  For details on how to set, refer to the Installation Manual (on the CD-ROM).

Cleaning

- Periodic cleaning is recommended to keep the product looking new and to prolong its operation lifetime.
- Stains on the product can be removed by moistening part of a soft cloth with water or by using our ScreenCleaner and gently wiping.

Attention

- Do not let liquids come into direct contact with the product. If it does, wipe it off immediately.
- Do not allow liquids to get into gaps or inside the product.
- When using chemicals for cleaning or disinfection, chemicals such as alcohol and disinfectant may cause gloss variation, tarnishing, and fading of the product, and also quality deterioration of the displayed image. Do not use chemicals on a frequent basis.
- Never use a thinner, benzene, wax, or abrasive cleaner as they may damage the product.
- For more information on cleaning and disinfection, please refer to our web site.
  How to check: Access www.eizoglobal.com and type "disinfect" in the site search box to search.

Disinfection with chemicals

- When disinfecting products, we recommend using chemicals which have been tested by us (see table below). Note that using these chemicals do not guarantee that the product will not be damaged or deteriorated.

Category	Chemical type	Product example
Alcohol-based	Rubbing ethanol (ethyl alcohol)	Ethanol
Alcohol-based	Isopropanol	Isopropyl alcohol (IPA)
Chlorine	Sodium hypochlorite	Purelox
Biguanide	Chlorhexidine gluconate	Hibitane solution
Alcohol-based	Benzalkonium chloride	Welpas
Aldehyde-based	Glutaral	Sterihyde
Aldehyde-based	Glutaral	Cidex Plus28
Amphoteric surfactant	Alkyldiaminoethylglycine hydrochloride	Satenidin solution

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.
- Look at the screen from a proper distance and from a proper angle.

Cybersecurity Warnings and Responsibilities

- Firmware update should be performed through EIZO Corporation or its distributor.
- If EIZO Corporation or its distributor instructs to update the firmware, update it immediately.

CONTENTS

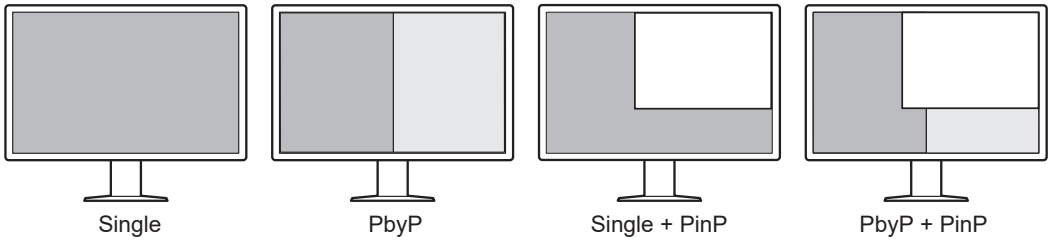
1 Introduction

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

1.1 Features

1.1.1 Free layout

- This product is equipped with PbyP (Picture by Picture) and PinP (Picture in Picture) functions that can display up to three signals at the same time.

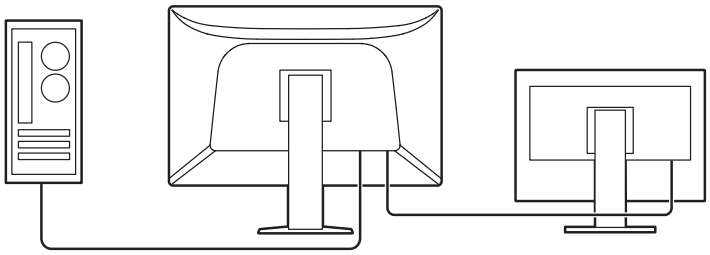


- The monitor provides the One Cable PbyP function, which displays images in PbyP mode with a single signal cable.

1.1.2 Simple wiring

The monitor is equipped with a USB Type-C® (USB-C®) output terminal.

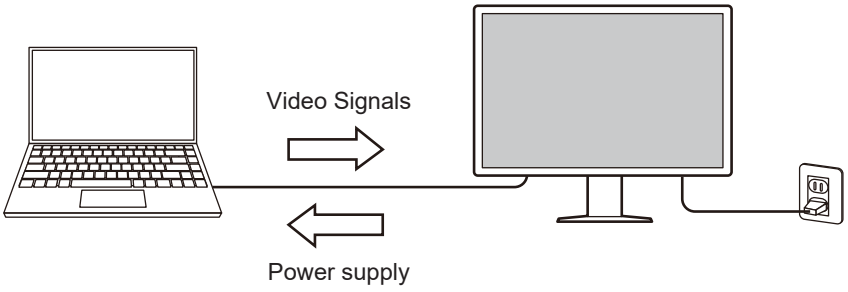
From the output terminal, a signal can be output to a different monitor.



1.1.3 Supports video display and power supply with a single USB Type-C cable connection

This product is equipped with a USB-C connector and supports the transmission of video signals (DisplayPort™ Alt Mode) as well as power supply (USB Power Delivery).

It supplies a maximum of 94 W of power to a connected notebook PC when used as an external monitor.



Note

- To display video signals, the connected device must support transmission of video signals (DisplayPort Alt Mode).
- To use the charging function, the connected device must support device charging by using USB Power Delivery.
- Only when the following USB cables are used, a maximum of 94 W of power can be supplied:
  - CC150SS81G-5A (Included)
- Connected devices can be charged even when the monitor is in power saving mode.

1.1.4 Hybrid monochrome and color display

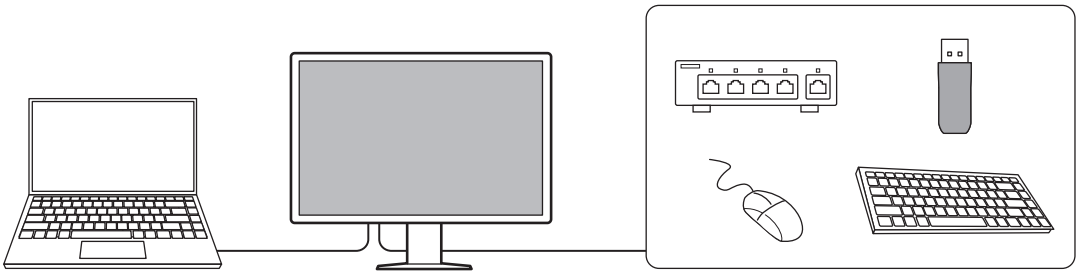
When the Hybrid Gamma PXL function is enabled, this product automatically differentiates between monochrome and color parts of the same image at a pixel level and displays them respectively in optimal gradients.

1.1.5 Quality control

- This monitor has a built-in calibration sensor (Integrated Front Sensor). This sensor enables the monitor to perform calibration (SelfCalibration) and Grayscale Check independently.
- Using the included RadiCS LE allows you to perform monitor calibration and history management.
- The RadiCS monitor quality control software enables you to perform quality control that meets medical standards / guidelines.

1.1.6 Docking Station Function

This monitor is equipped with a LAN port and USB hub that enables it to be used as a docking station. By connecting a USB-C cable, you can create a stable network environment even on notebook PCs or tablet devices that are not equipped with LAN ports. You can also use USB-compatible peripheral devices and charge smartphones (see "Using the Docking Station Function" in the Installation Manual).



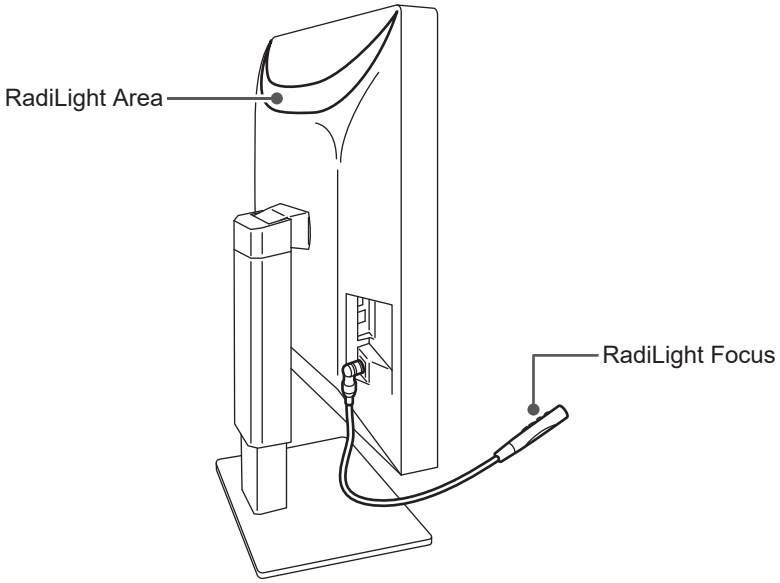
1.1.7 Equipped with a Lighting Function (RadiLight)

RadiLight Area (Backlight)

- RadiLight Area is a rear lighting function built into the monitor. It indirectly lights a room from the back of the monitor, allowing for efficient radiologic interpretations to be possible in dimly lit environments.

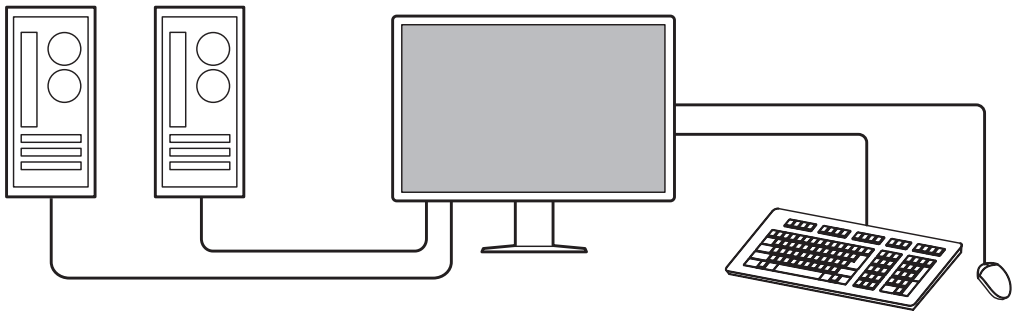
RadiLight Focus (Task Light)

- RadiLight Focus is a detachable task light. It can provide lighting for your workspace when reading, writing documents, or using a keyboard.



1.1.8 Space-saving design

The monitor is equipped with multiple USB connectors (upstream). You can operate multiple PCs using one set of USB devices (mouse, keyboard, etc.).



1.1.9 Monitor operation from the mouse and keyboard

Using the RadiCS / RadiCS LE monitor quality control software, you can perform the following monitor operations using the mouse and keyboard:

- Switching CAL Switch modes
- Switching input signals
- Function that assigns any CAL Switch mode to a part of the screen and displays an image (Point-and-Focus)
- Displaying or hiding the PinP sub window (Hide-and-Seek)
- Switching PCs that use USB devices (Switch-and-Go)
- Entering power saving mode (Backlight Saver)
- A feature that temporarily increases brightness to improve the visibility of diagnostic images (Instant Backlight Booster)

Note

- The RadiCS / RadiCS LE software allows you to display or hide the PinP sub window and switch the PC used to operate USB devices at the same time. For more information about the setup procedure, refer to RadiCS / RadiCS LE User's Manual.

1.2 Package Contents

Check that all of the following items are contained in the package. If any of these are missing or damaged, contact your dealer or local EIZO representative.

Note

- It is recommended that the box and packing materials be stored so that they can be used to move or transport this product.

- Monitor
- Power cord

- Digital signal cable (DisplayPort - DisplayPort): PP300-V14 x 2

- Digital signal cable (HDMI - HDMI): HH300PR x 1

- USB 2.0 cable (USB-A - USB-B): UU300 x 2

- USB-C cable (USB-C to USB-C): CC150SS81G-5A x 1

- Connector cover (Left)
- Connector cover (Right)
- RadiLight Focus (Task Light)
- EIZO LCD Utility Disk (CD-ROM)
- Instructions for Use

1.2.1 EIZO LCD Utility Disk

The CD-ROM contains the following items. Refer to "Readme.txt" on the disk for software startup procedures or file reference procedures.

- Readme.txt file
- RadiCS LE monitor quality control software (for Windows)
- User's Manual
  - Instructions for Use of this monitor
  - Monitor Installation Manual
  - RadiCS LE User's Manual
- Outline dimensions

1.2.2 RadiCS LE

RadiCS LE enables you to perform the following quality control and monitor operations. For more information about the software or setup procedures, refer to RadiCS LE User's Manual.

Quality control

- Executing calibration
- Displaying test results in a list and creating a test report
- Setting the SelfCalibration target and execution schedule

Monitor operations

- Switching CAL Switch modes
- Switching input signals
- Function that assigns any CAL Switch mode to a part of the screen and displays an image (Point-and-Focus)
- Displaying or hiding the PinP sub window (Hide-and-Seek)
- Switching PCs that use USB devices (Switch-and-Go)
- Entering power saving mode (Backlight Saver)
- A feature that temporarily increases brightness to improve the visibility of diagnostic images (Instant Backlight Booster)
- A feature that automatically adjusts monitor brightness to match the ambient light level when set to Text mode (Auto Brightness Control)

Attention
• The specifications of RadiCS LE are subject to change without notice. The latest version of RadiCS LE is available for download from our web site: (www.eizoglobal.com)

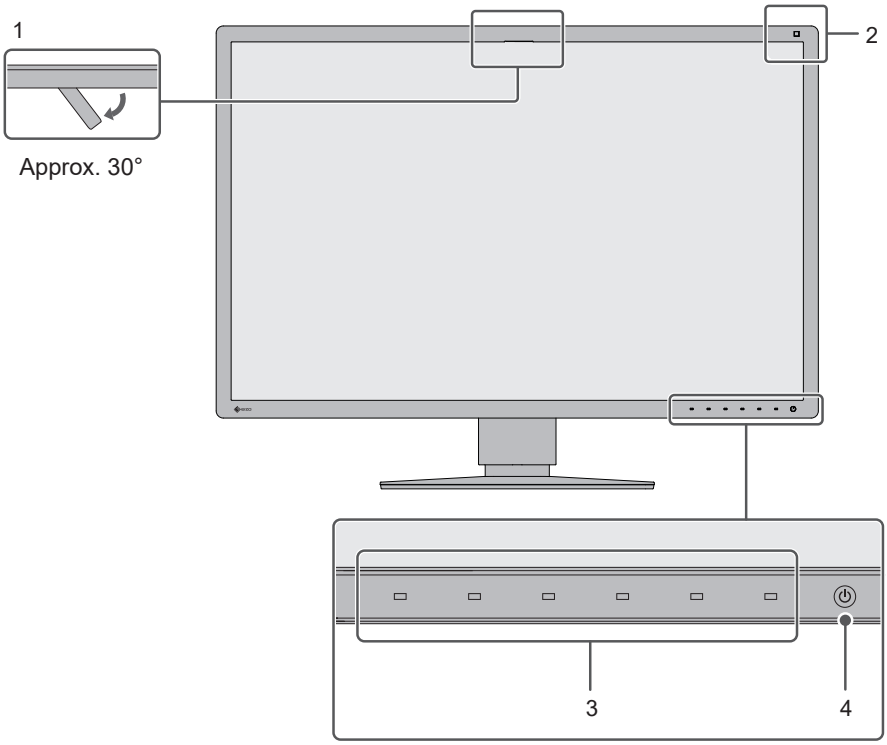
1.2.3 To use RadiCS LE

For information on how to install and use RadiCS LE, refer to RadiCS LE User's Manual (on the CD-ROM).

When using RadiCS LE, connect the monitor to your PC using the supplied USB cable. For more information about how to connect the monitor, see 2.2 Connecting Cables [▶ 24].

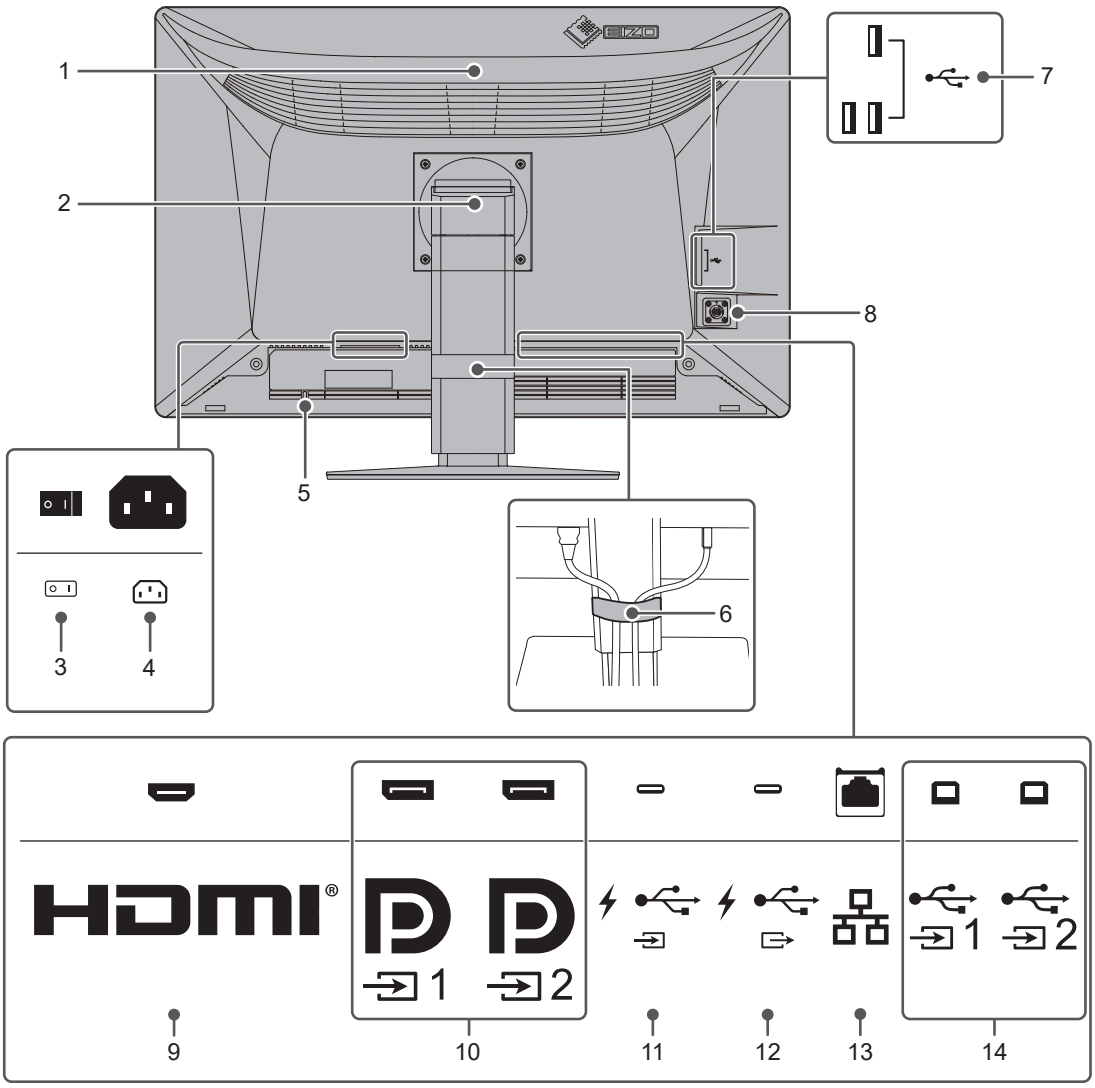
1.3 Controls and Functions

1.3.1 Front



1. Integrated Front Sensor (Movable)	This sensor is used to perform calibration and Grayscale Check.
2. Illuminance Sensor	This sensor measures environmental illumination. Environmental illumination measurement is performed using the RadiCS / RadiCS LE quality control software.
3. Operation switches	Displays the operation guide. Set menus according to the operation guide.
4. Power switch	Turns the power on or off. The switch indicator is lit when you turn the power on. The indicator color differs depending on the monitor's operation status. Green: Normal operation mode, Orange: Power saving mode, Off: Main power or power turned off

1.3.2 Back



1. RadiLight Area (Backlight)	Rear lighting function built into the monitor. It indirectly lights a room from the back of the monitor.
2. Stand	Adjusts the height and angle (tilt and swivel) of the monitor.
3. Main power switch	Turns the main power on or off. ◯: Off, | : On
4. Power connector	Connects the power cord.
5. Security lock slot	Complies with Kensington's MicroSaver security system.
6. Cable holder	Allows cables to be neatly organized.
7. USB-A connector (downstream)	Connects to a peripheral USB device (see "Using the Docking Station Function" in the Installation Manual).
8. Task light connector	Connects to RadiLight Focus.
9. HDMI connector	Connects to a PC with HDMI output.
10. DisplayPort connector	Connects to a PC with DisplayPort output.
11. USB-C connector (upstream)	Connects to a PC with USB-C output. This also transmits the USB signal that is necessary for using software that requires a USB connection or the docking station function (see "Using the Docking Station Function" in the Installation Manual).

12. USB-C connector (downstream)	To set up a daisy-chain connection, connect the cable to the USB-C upstream connector of another monitor. In addition, you can connect a peripheral USB device (see "Using the Docking Station Function" in the Installation Manual).
13. LAN port	Connects to a network hub or router with a LAN cable in order to use the network connection of the docking station function (see "Using the Docking Station Function" in the Installation Manual).
14. USB-B connector (upstream)	Connects to a computer when using software that requires a USB connection on a PC without a USB-C connection or when using the USB hub function of this product.

2 Installation / Connection

2.1 Before installation

Carefully read PRECAUTIONS [▶ 3] and always follow the instructions.

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

2.1.1 Installation conditions

When installing the monitor in a rack, ensure that there is adequate space around the sides, back and top of the monitor.

Attention
• Position the monitor so that there is no light to interfere with the screen.

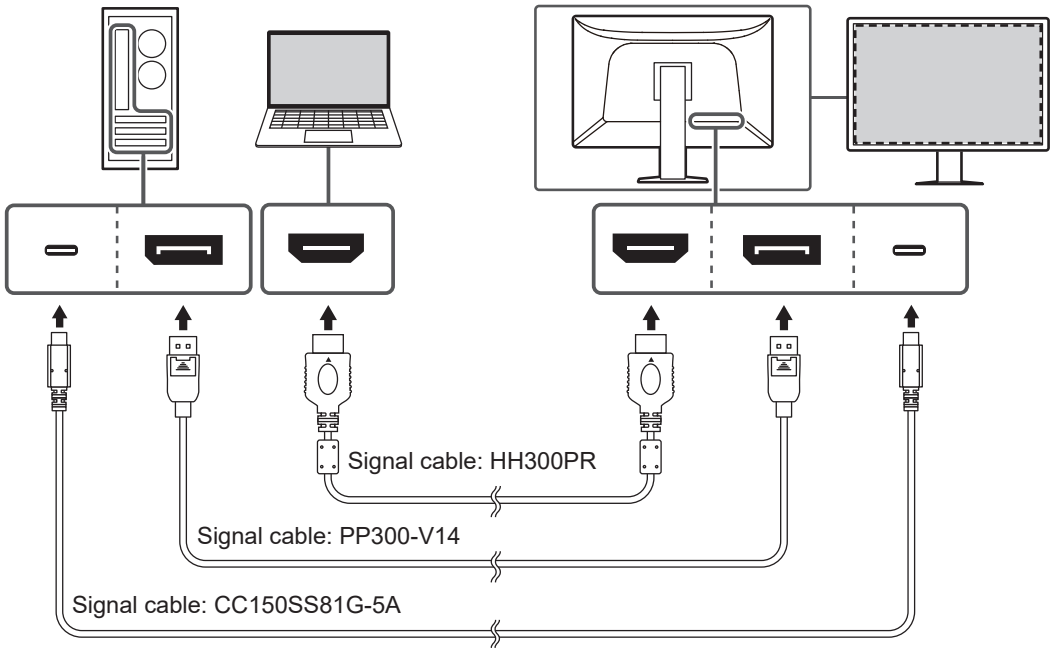
2.2 Connecting Cables

Attention

- Check that the monitor, PC, and peripherals are powered off before connecting.
- When replacing the current monitor with this monitor, see 4.2 Supported Resolutions [▶ 37] to change the PC settings for resolution and vertical scan frequency to those that are available for this monitor, before connecting the PC.
- If the cables are difficult to insert, adjust the angle of the screen.

1. Connect signal cables.
   Check the shapes of the connectors, and connect the cables.

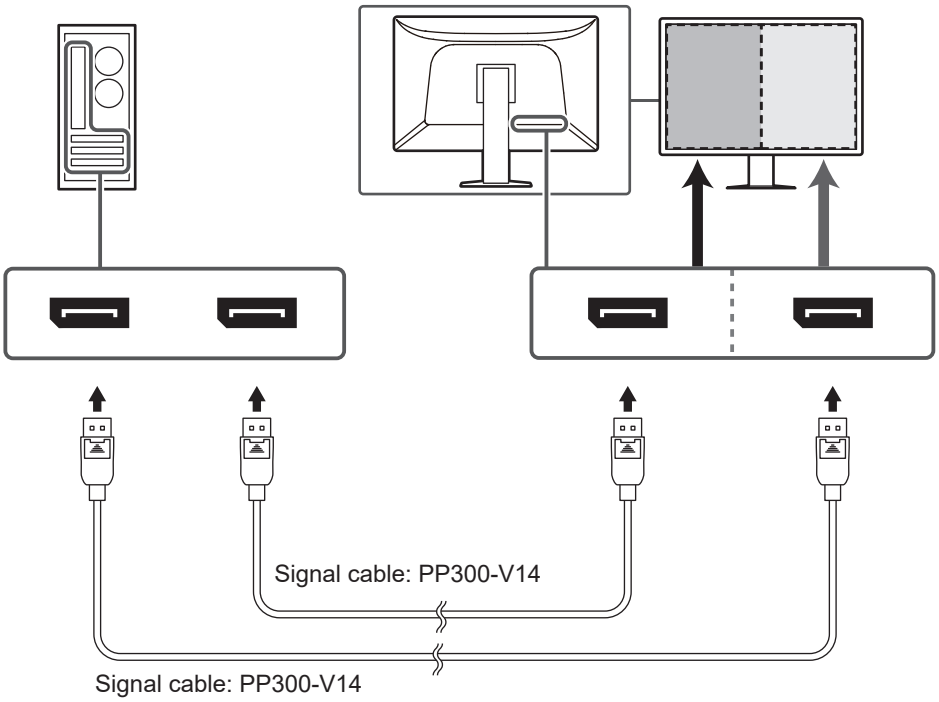
In single window display



Attention

- In the default setting, the DisplayPort 1 connector signal is displayed. If you want to display the signal from another connector, switch the input signal (see "Switching Input Signals" in the Installation Manual).
- If you are using USB-C for not only video display but also for monitor quality control with RadiCS / RadiCS LE and connecting USB devices (USB-compatible peripherals), you need to set "USB Selection" to "USB-C" in the Setting menu. For details, refer to the Installation Manual (on the CD-ROM).
- For HDMI® signals, it may be displayed in limited range.

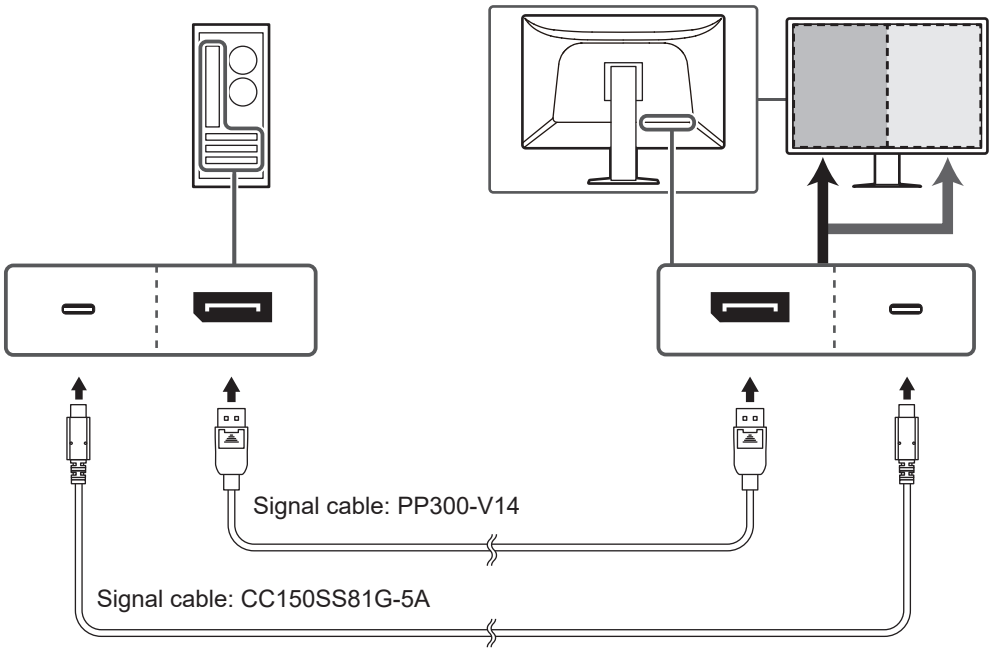
In PbyP (DisplayPort 1 / DisplayPort 2) display



Attention

- To perform PbyP (DisplayPort 1 / DisplayPort 2) display, you need to configure "PbyP Settings" in the Setting menu. For details, refer to the Installation Manual (on the CD-ROM).
- When displaying PbyP from two PCs, some aspects of quality control such as calibration may be limited.

In PbyP (One Cable PbyP) display

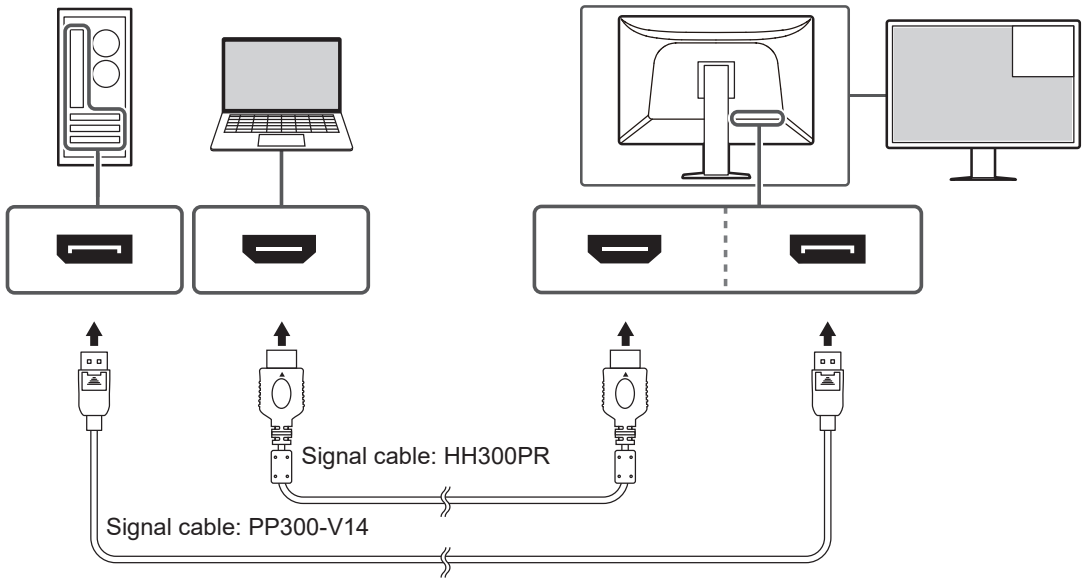


Attention

- To perform PbyP (One Cable PbyP) display, connect to the DisplayPort 1 connector or the USB-C connector (Upstream:). In addition, you need to configure the "PbyP Settings" setting in the Setting menu. For details, refer to the Installation Manual (on the CD-ROM).
- If you are using USB-C for not only video display but also for monitor quality control with RadiCS / RadiCS LE and connecting USB devices (USB-compatible peripherals), you need to set "USB Selection" to "USB-C" in the Setting menu. For details, refer to the Installation Manual (on the CD-ROM).

In PinP (Sub window) display

Example: Using the HDMI connector

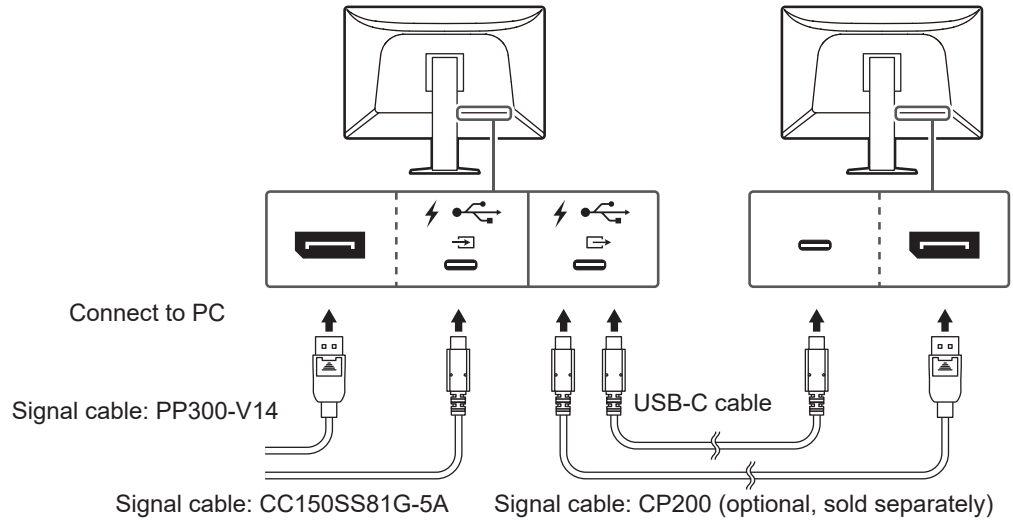


Attention

- To perform PinP (Sub window) display, you need to configure the "PinP Settings" setting in the Setting menu. For details, refer to the Installation Manual (on the CD-ROM).
- When an HDMI signal is displayed on a single screen, the PinP (Sub window) display function cannot be used.

When connecting other monitors using a daisy-chain connection

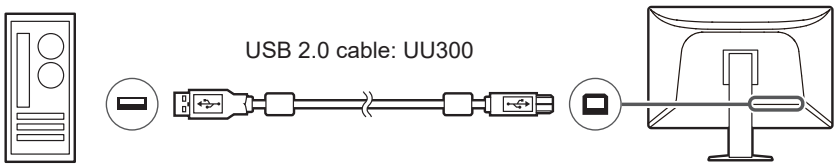
The signal input into the DisplayPort 1 connector or the USB-C connector (Upstream:) will be output to another monitor.



Attention

- Visit the EIZO web site for information about monitors and graphics boards that can be used for the daisy-chain connection:
  (www.eizoglobal.com)
- To set up a daisy-chain connection, connect to the DisplayPort 1 connector or the USB-C connector (Upstream:). In addition, you need to configure the "Daisy Chain" setting in the Administrator Settings menu. For details, refer to the Installation Manual (on the CD-ROM).
- A cap is attached to the USB-C (downstream:) port by default. Remove the cap when using.

2. Plug the power cord into a power outlet and the power connector on the monitor.
   Insert the power cord fully into the monitor.
3. If you are not using USB-C connection and are using RadiCS / RadiCS LE or connecting USB devices (USB-compatible peripherals) to the monitor, connect a USB 2.0 cable from the USB-B connector of the monitor to the USB-A connector of the PC.



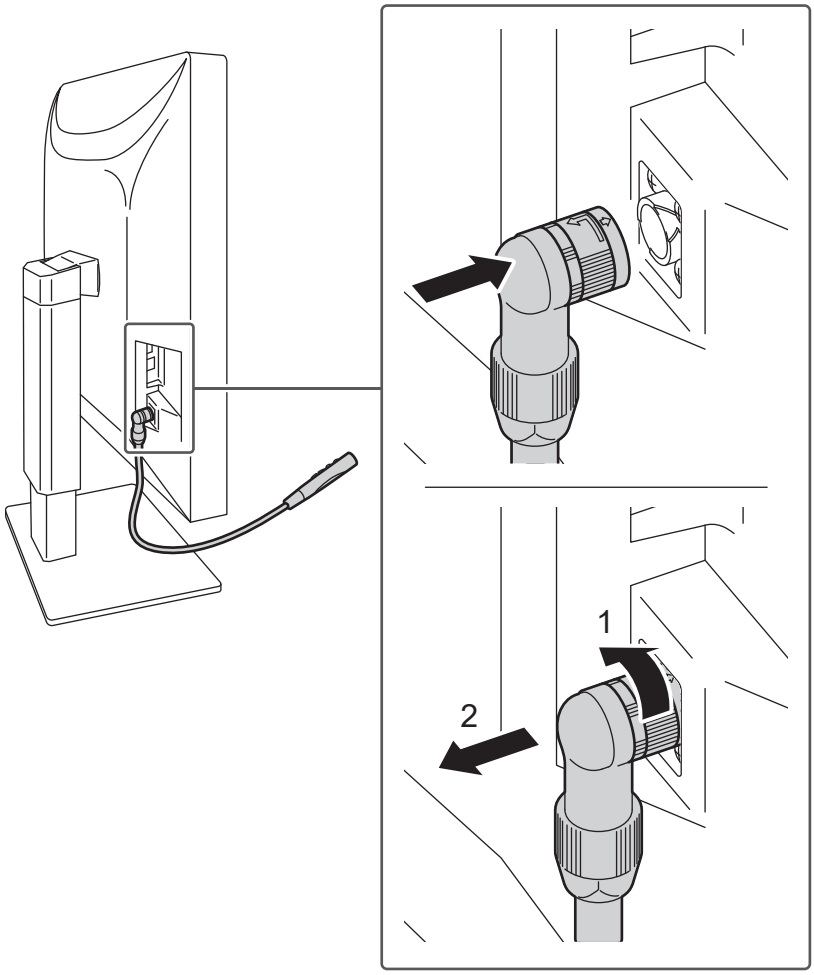
Attention

- When connecting the monitor to a PC on which RadiCS / RadiCS LE has been installed, connect to USB-B 1 (1) or USB-C (upstream:).
- When using USB-B 2 (2), remove the cap before using. In addition, change the "USB Selection" setting in the Setting menu (see "USB Selection" in the Installation Manual).

2.3 Attaching RadiLight Focus (Task Light)

Attach RadiLight Focus (task light) to the task light connector of the monitor.

It can only be attached in a downward direction perpendicular to the connector.



To remove it, pull it out while turning the connecting part with the monitor in the direction indicated by 1 in the illustration.

2.4 Turning On the Power

1. Touch ⏻ to turn on the power to the monitor.
   The power switch indicator of the monitor lights up green.
   If the indicator does not light up, see 3 No-Picture Problem [▸ 33].

Note
• When you touch any of the operation switches excluding ⏻ with the monitor power turned off, ⏻ starts flashing to let you know where the power switch is located.

2. Turn on the PC.
   The screen image appears.
   If an image does not appear, see 3 No-Picture Problem [▸ 33] for additional advice.

Attention

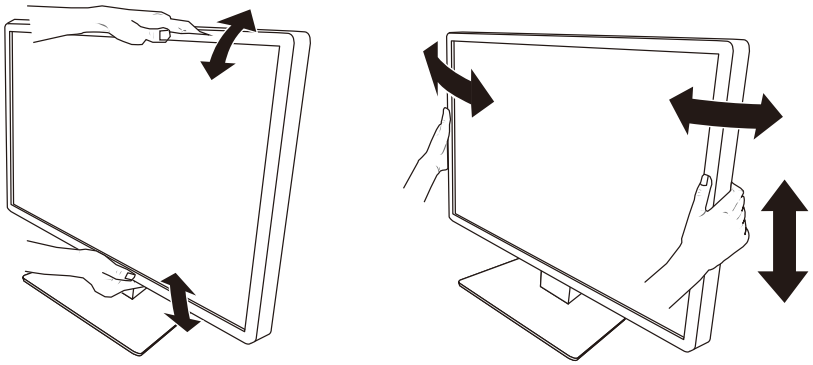
- When connecting for the first time or changing the connection method, display settings such as resolution and display scale may not be appropriate. Check if the settings for the PC are properly configured.
- For power saving purposes, it is recommended that the Power button be turned off. When not using the monitor, you can turn off the main power supply or disconnect the power plug so that the power is cut completely.

Note

- In order to maximize the monitor's lifespan by impeding brightness degradation and to reduce power consumption, carry out the following:
  - Use the power saving function of the PC or monitor.
  - Turn off the monitor after using it.

2.5 Adjusting the Screen Height and Angle

Hold the top and bottom or left and right edges of the monitor with both hands, and adjust the screen height, tilt and swivel the screen to the optimum position for performing tasks.

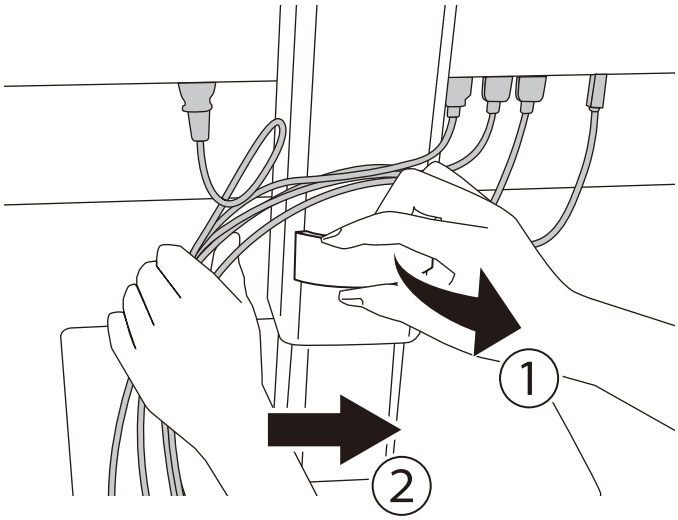


Attention

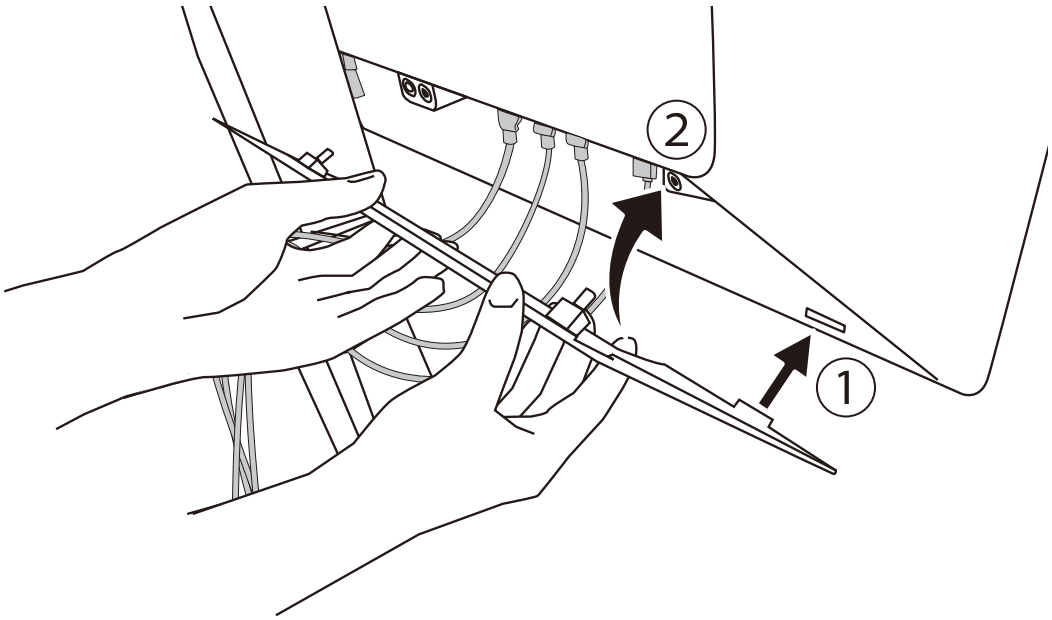
- After the adjustment is finished, make sure that the cables are correctly connected.
- After adjusting the height and angle, pass the cables through the cable holder.
- When adjusting the angle or position of the monitor while the task light is attached, be careful not to apply force to the task light. Doing so may damage the connector or arm.

2.6 Attaching the Connector Cover

1. Organize cables in the cable holder.



2. Attach the connector cover.



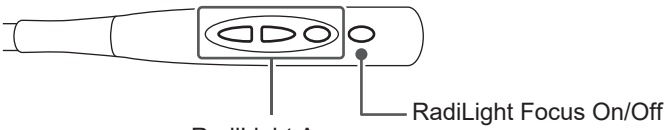
Example: Attaching the connector cover (right)

Attention
• Make sure to attach it securely to ensure proper ventilation inside the monitor.

Note
• To remove the connector cover, pull it towards you.

2.7 Using RadiLight Area / RadiLight Focus

1. Make sure the monitor and computer are turned on.
2. Use the operation switches to turn RadiLight Area or RadiLight Focus on/off. Adjusts the brightness of RadiLight Area.



Attention

- Due to variations in LEDs, there may be differences in colors and brightness even for the same product.
- In the following environments, you may not achieve sufficient illumination when using RadiLight Area.
  - If the distance to the wall or ceiling is far
  - If the wall or ceiling is made of materials that do not reflect well or has dark colors
- When changing the direction of RadiLight Focus, adjust the angle by holding not only the tip but also the arm.

Note

- For details on how to set RadiLight Area, refer to the Installation Manual (on the CD-ROM).

3 No-Picture Problem

Power switch indicator does not light up

- Check whether the power cord is connected properly.
- Turn on the main power switch on the back of the monitor.
- Touch ⏻.
- Turn off the main power switch on the back of the monitor, and then turn it on again a few minutes later.

Power switch indicator lights up: Green

- Increase "Brightness", "Contrast", or "Gain" in the Setting menu. For details, refer to the Installation Manual (on the CD-ROM).
- Turn off the main power switch on the back of the monitor, and then turn it on again a few minutes later.

Power switch indicator lights up: Orange

- Switch the input signal. For details, refer to the Installation Manual (on the CD-ROM).
- Move the mouse or press any key on the keyboard.
- Check whether the PC is turned on.
- Check whether the signal cable is connected properly. Connect the signal cables to the connectors of the corresponding input signal.
- Turn off the main power switch on the back of the monitor, and then turn it on again.

Power switch indicator blinks: Orange, Green

- Connect using a signal cable specified by EIZO. Then turn off the main power switch on the back of the monitor, and then turn it on again a few minutes later.

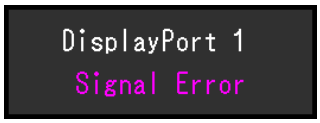
The message "No Signal" appears on the screen.

Example:

- The message shown above may appear as some PCs do not output a signal immediately after power-on.
- Check whether the PC is turned on.
- Check whether the signal cable is connected properly. Connect the signal cables to the connectors of the corresponding input signal.
- USB-C (downstream:) is used for the daisy-chain connection output. The screen is not displayed even when connected to a PC.
- Switch the input signal. For details, refer to the Installation Manual (on the CD-ROM).
- Turn off the main power switch on the back of the monitor, and then turn it on again.

The message "Signal Error" appears on the screen.

Example:



- Check whether the PC is configured to meet the resolution and vertical scan frequency requirements of the monitor (see 4.2 Supported Resolutions [▶ 37]).
- Reboot the PC.
- Select an appropriate setting using the graphics board's utility. Refer to the User's Manual of the graphics board for details.

The message "DP Unsupported" appears on the screen

- Check whether the connected cable is a signal cable recommended by EIZO.
- Check whether the USB-C of the connected device supports video signal output (DisplayPort Alt Mode). For details, contact the manufacturer of the device.
- Connect a DisplayPort cable or an HDMI cable.

4 Specifications

4.1 List of Specifications

4.1.1 Type

RX670	Anti-Glare
RX670-AR	Anti-Reflection

4.1.2 LCD Panel

Type	Color (IPS)
Backlight	LED
Size	30.0" (76.2 cm)
Resolution	3280 dots x 2048 lines
Display Size (H x V)	645.5 mm x 403.0 mm
Pixel Pitch (H x V)	0.197 mm x 0.197 mm
Display Colors	10-bit color (DisplayPort / USB-C): Up to 1.07 billion colors (from a palette of approx. 543 billion colors) 8-bit (DisplayPort / HDMI): 16.77 million colors (from a palette of approx. 543 billion colors)
Viewing Angle (H / V, typical)	178° / 178°
Recommended Brightness	500 cd/m^2
Contrast Ratio (typical)	1800:1
Response Time (typical)	25 ms (black -> white -> black)

4.1.3 Video Signals

Input Terminals	DisplayPort x 2, USB-C (DisplayPort Alt Mode) x 1, HDMI x 1
Output Terminals	USB-C (DisplayPort Alt Mode) x 1
Horizontal Scan Frequency	31 kHz – 127 kHz
Vertical scan frequency*1	59 Hz – 61 Hz (720 x 400: 69 Hz – 71 Hz)
Frame Synchronization mode	59 Hz – 61 Hz
Dot clock	25 MHz – 440 MHz

*1 The vertical scan frequency supported varies according to the resolution. For more information, see 4.2 Supported Resolutions [▶ 37].

4.1.4 USB

Port	Upstream	USB-C x 1, USB-B x 2
	Downstream	USB-A x 3, USB-C x 1
Standard		USB Specification Revision 2.0
Communication Speed		480 Mbps, 12 Mbps, 1.5 Mbps
Power supply	Upstream	USB-C: Maximum 94 W (5V/3A, 9V/3A, 15V/3A, 20V/4.7A)
	Downstream	USB-A: Maximum of 500 mA per port USB-C: Maximum of 15 W (5 V/3 A)

4.1.5 Network

Port	RJ-45 (USB LAN adapter)
Supported Operating Systems[*1]	Windows 11 Windows 10 (32 bit / 64 bit) macOS Sierra (10.12) or later
Wired LAN	IEEE802.3ab (1000BASE-T) IEEE802.3u (100BASE-TX) IEEE802.3 (10BASE-T)

[*1] EIZO support will end when OS vendor support ends.

4.1.6 Power

Input	100 – 240 VAC ±10 %, 50 / 60 Hz, 2.80 – 1.20 A
Maximum Power Consumption	279 W or less[*1]
Power Save Mode	0.5 W or less[*2]
Standby Mode	0.5 W or less[*3]

[*1] When an external load is connected, "Mode": "4-Custom", "Brightness": "100%", RadiLight Focus is on, RadiLight Area brightness is maximum

[*2] When using DisplayPort import and the USB upstream port is not connected, "Power Save": "High", "DP Power Save" : "On", "One Cable PbyP" : "Off", RadiLight Focus is connected, RadiLight Focus is off, no external load is connected

[*3] When the USB upstream port is not connected, "DP Power Save" : "On", "One Cable PbyP" : "Off", RadiLight Focus is connected, RadiLight Focus is off, no external load is connected

4.1.7 Physical Specifications

Dimensions (W x H x D)	682.0 mm x 490.5 mm – 590.5 mm x 225.0 mm (Tilt: 0˚) 682.0 mm x 534.7 mm – 634.7 mm x 295.2 mm (Tilt: 30˚)
Dimensions (W x H x D) (Without Stand)	682.0 mm x 441.0 mm x 88.0 mm
Net Weight	Approx. 15.8 kg
Net Weight (Without Stand)	Approx. 11.7 kg
Height Adjustment Range	100 mm (Tilt: 0˚)
Tilt	Up 30˚, down 5˚
Swivel	70˚

4.1.8 Operating Environmental Requirements

Temperature	0˚C – 35˚C
Humidity	20 % – 80 % R.H. (no dew condensation)
Air Pressure	540 hPa – 1060 hPa

4.1.9 Transport / Storage Conditions

Temperature	-20˚C – 60˚C
Humidity	10 % – 90 % R.H. (no dew condensation)
Air Pressure	200 hPa – 1060 hPa

4.2 Supported Resolutions

The monitor supports the following resolutions:

✓: Supported, -: Not supported

Resolution	Vertical scan frequency (Hz)	DisplayPort / USB-C			HDMI	
		Single window display	PbyP display	PinP display	Single window display	PinP display
640 x 480	59.940	✓	✓	✓	✓	✓
640 x 480	60.000	-	-	-	✓	✓
720 x 400	70.087	✓	✓	✓	✓	✓
720 x 480	59.940	-	-	-	✓	✓
720 x 480	60.000	-	-	-	✓	✓
800 x 600	60.317	✓	✓	✓	✓	✓
1024 x 768	60.004	✓	✓	✓	✓	✓
1200 x 1600	59.963	-	-	✓	-	✓
1200 x 1920	59.940	-	-	✓	-	✓
1280 x 720	59.940	-	-	-	✓	✓
1280 x 720	60.000	-	-	-	✓	✓
1280 x 1024	60.020	✓	✓	✓	✓	✓
1600 x 1200	60.000	✓	✓	✓	✓	✓
1640 x 2048	59.985	-	✓*1	-	-	-
1920 x 1080	59.940	-	-	-	✓	✓
1920 x 1080	60.000	-	-	-	✓	✓
1920 x 1200	59.950	-	-	✓*1	-	✓*1
2560 x 1600	59.972	-	-	-	✓*2	-
3280 x 2048	59.981	✓*1	-	-	✓*3	-

*1 Recommended resolution

*2 Recommended resolution when "LMM Mode (HDMI)" is set to "On" in "Administrator Settings"

*3 Recommended resolution when "LMM Mode (HDMI)" is set to "Off" in "Administrator Settings"

4.3 Accessories

The following accessories are available separately.

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

(www.eizoglobal.com)

Calibration Kit	RadiCS UX2 Ver.5.1.3 or later RadiCS Version Up Kit Ver.5.1.3 or later
Network QC Management Software	RadiNET Pro Ver.5.1.3 or later
Cleaning Kit	ScreenCleaner
VESA Adapter for Thin Client or Mini-PC	PCSK-R1
Signal cable (USB-C - DisplayPort)	CP200

Appendix

Medical Standard

- It shall be assured that the final system is in compliance to IEC60601-1 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.

Classification of Equipment

- Type of protection against electric shock : Class I
- EMC class: IEC60601-1-2 Group 1 Class B
- Classification of medical device (EU): Class I
- Mode of operation : Continuous
- IP Class : IPX0

EMC Information

RadiForce RX670 has the capability to properly display medical images.

Environments of Intended Use

RadiForce RX670 is intended for use in an environment as specified below.

- Professional healthcare facility environments such as clinics and hospitals
- Domiciles, such as residences and homes, within the Home healthcare environments

The following environments are not suitable places for RadiForce RX670 to be used:

- Home healthcare environments, excluding domiciles
- In the vicinity of high-frequency surgical equipments such as electrosurgical knives
- In the vicinity of short-wave therapy equipments
- RF shielded room of the medical equipment systems for MRI
- In shielded location Special environments
- Installed in vehicles including ambulances
- Other special environments

⚠ WARNING

- RadiForce RX670 requires special precautions regarding EMC and need to be installed. You need to carefully read EMC Information and the "PRECAUTIONS" section in this document, and observe the following instructions when installing and operating the product.

⚠ WARNING

- RadiForce RX670 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.

⚠ WARNING

- When using a portable RF communication equipment, keep it 30 cm (12 inches) or more away from any part, including cables, of RadiForce RX670. Otherwise, degradation of the performance of this equipment could result.

⚠ WARNING

- Anyone who connects additional equipment to the signal input part or signal output parts, configuring a medical system, is responsible that the system complies with the requirements of IEC60601-1-2.

⚠ WARNING

- Do not touch the signal input/output connectors while using RadiForce RX670. Otherwise, the displayed image may be affected.

⚠ WARNING

- Be sure to use the cables attached to the product, or cables recommended by EIZO.
  Use of cables other than those recommended by EIZO for this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and improper operation.

Signal Port	Max. Cable Length	Shielding	Ferrite Core	Recommended Cable
DisplayPort	3 m	Shielded	Without Ferrite Cores	PP300-V14
HDMI	3 m	Shielded	With Ferrite Cores	HH300PR
USB-C (upstream)	1.5 m	Shielded	Without Ferrite Cores	CC150SS81G-5A
USB-C (downstream)	2 m	Shielded	Without Ferrite Cores	-
USB-B (upstream)	3 m	Shielded	With Ferrite Cores	UU300 / MD-C93
USB-A (downstream)	3 m	Shielded	Without Ferrite Cores	-
Ethernet	30 m	Unshielded	Without Ferrite Cores	-
AC Inlet (or AC input)	3 m	Unshielded	Without Ferrite Cores	With grounding wire

Technical Descriptions

Electromagnetic emissions

RadiForce RX670 is intended for use in the electromagnetic environment specified below.

The customer or the user of RadiForce RX670 should confirm that RadiForce RX670 is used in such an environment.

Emission test	Compliance	Electromagnetic environment - Guidance
RF emissions CISPR11	Group 1	RadiForce RX670 uses RF energy only for its internal functions. Therefore, its RF emission are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR11	Class B	RadiForce RX670 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 IEC61000-3-2	Class D	
Voltage fluctuations / flicker emissions IEC61000-3-3	Complies	

Electromagnetic immunity

RadiForce RX670 has been tested at the following compliance levels (C) according to the testing requirements (T) for Professional healthcare facility environments and Home healthcare environments specified in IEC60601-1-2.

The customer or the user of RadiForce RX670 should assure that it is used in such an environment.

Immunity test	Test level (T)	Compliance level (C)	Electromagnetic environment - Guidance
Electrostatic discharge (ESD) IEC61000-4-2	±8 kV contact discharge ±15 kV air discharge	±8 kV contact discharge ±15 kV air discharge	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 transients / bursts IEC61000-4-4	±2 kV power lines ±1 kV input / output lines	±2 kV power lines ±1 kV input / output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surges IEC61000-4-5	±1 kV line to line ±2 kV line to ground	±1 kV line to line ±2 kV line to ground	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 IEC61000-4-11	0 % U_T (100 % dip in U_T) 0.5 cycles and 1 cycle 70 % U_T (30 % dip in U_T) 25 cycles / 50 Hz 0 % U_T (100 % dip in U_T) 250 cycles / 50 Hz	0 % U_T (100 % dip in U_T) 0.5 cycles and 1 cycle 70 % U_T (30 % dip in U_T) 25 cycles / 50 Hz 0 % U_T (100 % dip in U_T) 250 cycles / 50 Hz	Mains power quality should be that of a typical commercial or hospital environment. If the user of RadiForce RX670 requires continued operation during power mains interruptions, it is recommended that RadiForce RX670 be powered from an uninterruptible power supply or a battery.
Power frequency magnetic fields IEC61000-4-8	30 A/m (50 / 60 Hz)	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment. The product should be kept at least 15 cm away from the source of power frequency magnetic fields during use.

Immunity test	Test level (T)	Compliance level (C)	Electromagnetic environment - Guidance
			Portable and mobile RF communications equipment should be used no closer to any part of RadiForce RX670, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance
Conducted disturbances induced by RF fields IEC61000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	d = 1.2√P
	6 Vrms ISM*1 and amateur radio*2 bands between 150 kHz and 80 MHz	6 Vrms	d = 1.2√P
Radiated RF fields IEC61000-4-3	10 V/m 80 MHz – 2.7 GHz	10 V/m	d = 1.2√P, 80 MHz – 800 MHz d = 2.3√P, 800 MHz – 2.7 GHz 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). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey*3, should be less than the compliance level in each frequency range*4. Interference may occur in the vicinity of equipment marked with the following symbol. 

Note

- U_T is the a.c. mains voltage prior to application of the test level.
- At 80 MHz and 800 MHz, the higher frequency range applies.
- These guidelines regarding conducted disturbances induced by RF fields or radiated RF fields may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

*1 The ISM (industrial, scientific and medical) bands between 150 kHz and 80 MHz are 6.765 MHz to 6.795 MHz, 13.553 MHz to 13.567 MHz, 26.957 MHz to 27.283 MHz, and 40.66 MHz to 40.70 MHz.

*2 The 0.15 MHz to 80 MHz amateur radio bands are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz, and 50.0 MHz to 54.0 MHz.

*3 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 RadiForce RX670 is used exceeds the applicable RF compliance level above, RadiForce RX670 should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating RadiForce RX670.

*4 Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Recommended separation distances between portable or mobile RF communication equipment and RadiForce RX670

RadiForce RX670 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of RadiForce RX670 can suppress electromagnetic interference by maintaining a minimum distance (30 cm) between portable and mobile RF communications equipment (transmitters) and RadiForce RX670. RadiForce RX670 has been tested at the following compliance levels (C) for the required test levels (T) of immunity to the proximity electromagnetic fields in the following RF communication services.

Test frequency (MHz)	Bandwidth[*1] (MHz)	Service[*1]	Modulation[*2]	Test level (T)[*3] (V/m)	Compliance level (C) (V/m)
385	380 – 390	TETRA 400	Pulse modulation[*2] 18 Hz	27	27
450	430 – 470	GMRS 460, FRS 460	FM ±5 kHz deviation 1 kHz sine	28	28
710	704 – 787	LTE Band 13, 17	Pulse modulation[*2] 217 Hz	9	9
745					
780					
810	800 – 960	GSM 800 / 900, TETRA 800, iDEN 820 CDMA 850, LTE Band 5	Pulse modulation[*2] 18 Hz	28	28
870					
930					
1720	1700 – 1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation[*2] 217 Hz	28	28
1845					
1970					
2450	2400 – 2570	Bluetooth®, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation[*2] 217 Hz	28	28
5240	5100 – 5800	WLAN 802.11 a/n	Pulse modulation[*2] 217 Hz	9	9
5500					
5785					

[*1] For some services, only the uplink frequencies are included.

[*2] The carrier is modulated using a 50 % duty cycle square wave signal.

[*3] Test levels were calculated with maximum power and 30 cm of separation distance.

The customer or the user of RadiForce RX670 can suppress interference caused by proximity magnetic fields by maintaining a minimum distance (15 cm) between the RF transmitter and RadiForce RX670. RadiForce RX670 has been tested at the following compliance levels (C) for the required test levels (T) of proximity magnetic field immunity.

Test frequency	Modulation	Test level (T) (A/m)	Compliance level (C) (A/m)
30 kHz	CW (Continuous Wave)	8	8
134.2 kHz	Pulse modulation*1 2.1 kHz	65	65
13.56 MHz	Pulse modulation*1 50 kHz	7.5	7.5

*1 The carrier is modulated using a 50 % duty cycle square wave signal.

For other portable and mobile RF communication equipments (transmitters), minimum distance between portable and mobile RF communications equipment (transmitters) and RadiForce RX670 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)		
	150 kHz – 80 MHz $d = 1.2\sqrt{P}$	80 MHz – 800 MHz $d = 1.2\sqrt{P}$	800 MHz – 2.7 GHz $d = 2.3\sqrt{P}$
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

- At 80 MHz and 800 MHz, the separation distance for a higher frequency range must be applied.
- These guidelines regarding conducted disturbances induced by RF fields or radiated RF fields may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Information for Radio Interference

For U.S.A., Canada Only

FCC Supplier's Declaration of Conformity

We, the Responsible Party

Company: EIZO Inc.

Address: 5710 Warland Drive, Cypress, CA 90630

Phone: (562) 431-5011

declare that the product

Trade name: EIZO

Model: RadiForce RX670

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

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

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

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

Note

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

- AC Cord
- Shielded Signal Cable (enclosed)

Canadian Notice

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

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

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