

Installation Manual

CuratOR[®] EX3220-3D

Color LCD Monitor

Important

Please read this Installation Manual, and “Instructions for Use” (separate volume) carefully to familiarize yourself with safe and effective usage.

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- Refer to the Instructions for Use for information on the installation / connection of the monitor.
 - The latest Installation Manual is available for download from our web site:
<http://www.eizoglobal.com>
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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.

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Chapter 1 Basic Adjustment / Setting

This chapter describes the basic functions that can be adjusted and set by pressing the buttons on the front of the monitor.

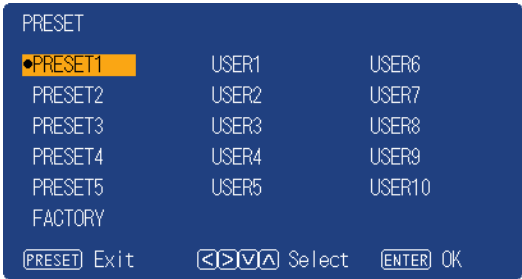
1-1. Loading the Monitor Settings

It is possible to switch to PRESET, FACTORY, or the USER settings that have been set in advance.

PRESET	Basic settings are made in advance at the factory. The settings of PRESET cannot be changed.
FACTORY	Returns to settings when shipped from the factory.
USER	Various settings including menus can be made for personal use. For details, see “Preset” (page 12) .

1. Press (PRESET).

The preset menu is displayed.



2. Press to select the PRESET number, FACTORY, or USER number to load, and then press (ENTER).

The pre-made settings are loaded and the settings are changed. The selectable settings are as follows.

- PRESET1 to PRESET5
- FACTORY
- USER1 to USER10

Note

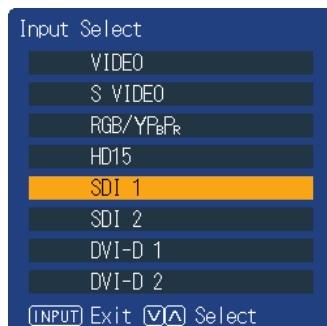
- The “PRESET” menu will disappear after five seconds have elapsed if no operation is performed.
-  is displayed for the USER number that has already been registered.
- When selecting a USER number that has not yet been registered, “No Data” is displayed.
- For information about the main default settings, see [“4-1. Main Default Settings” \(page 24\)](#).

1-2. Switching Input Signals

Select the signal input to the monitor and display it on the screen.

1. Press (INPUT).

The “Input Select” menu appears.



For other than 2D or 3D mode SIMUL

2. Press to select an input signal.

This switches to the selected input signal.

3. Press (INPUT).

The menu screen exits.

Attention

- In 3D mode, input signals other than SDI and DVI cannot be selected.

Note

- If you press  (INPUT) while the “Input Select” menu is displayed in dual screen mode, the “Input Select” menu of the subscreen is displayed.
 - When RGB / YP_BP_R is selected, if the color is abnormal, set it correctly with “Input Config” (page 9) on the main menu.
 - The “Input Select” menu will disappear after five seconds have elapsed if no operation is performed.
-

1-3. Using Function Buttons

Execute the functions assigned to the function buttons (F1 (, F2 (, F3 (, and F4 (). For information on how to set a function to each button, see “Function” (page 14).

1. Press F1 (, F2 (, F3 (, or F4 ().

The function menu is displayed.

F1: Gamma Select	2.2
F2: Scan Size	Normal
F3: POP	
F4: Signal Format	--

2. Press the button with the target function set while the function menu is displayed.

Note

- In dual screen mode, press  (INPUT) to select a screen for performing the target function.
- When the setting of “Function Display” (page 15) is “Off”, the “INVALID FUNCTION” message is displayed if you press a function button that cannot operate.
- When the setting of “Function Display” (page 15) is “Off”, the “UNDEFINED” message is displayed if you press a function key assigned to “Undef”.

1-4. 3D/2D Switching

Switch between 3D and 2D.

1. Press 3D/2D ((ENTER)) button.

3D and 2D are toggled each time this button is pressed.

Note

- 3D mode indicator () is displayed on the upper left of the screen in 3D mode.

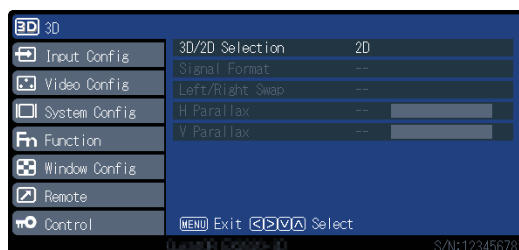
Chapter 2 Advanced Adjustment / Setting

This chapter describes advanced monitor adjustment and setting procedures using the main menu.

2-1. Operation via the Main Menu

1. Menu display

1. Press  (MENU).
The main menu is displayed.



2. Press   to select the desired item, and then press  .

2. Adjusting / setting

1. Press   to select the desired item.
2. Press   to set.
If "Next Menu" is displayed for items, press  , and a next menu is displayed.



3. Exiting

1. If you repeatedly press  (MENU), the menu screen exits.

2-2. Individual Functions of Main Menu

● 3D

Setting in 3D mode.



Function	Setting range	Description
3D/2D Selection	3D 2D	Switches 3D/2D display.
Signal Format	SIMUL TOP AND BOTTOM SIDE BY SIDE LINE BY LINE	Sets the signal format in 3D mode. • “SIMUL” Displays in 3D mode by inputting left-eye signals from DVI-D 1 (SDI 1) and right-eye signals from DVI-D 2 (SDI 2). Displays in 3D mode by inputting Dual-stream signals (SDI 1 (LEVEL B) or SDI 2 (LEVEL B)). • “TOP AND BOTTOM” Displays in 3D mode by inputting signals in TOP AND BOTTOM. • “SIDE BY SIDE” Displays in 3D mode by inputting signals in SIDE BY SIDE. • “LINE BY LINE” Displays in 3D mode by inputting signals in LINE BY LINE.
Left/Right Swap	Off On	Switches the displays of the left-eye signal and the right-eye signal.
H Parallax	-62 to 62	Adjusts horizontal offset of the left-eye signal and the right-eye signal. If you do not experience a 3D effect, this may be improved by adjusting the parallax.
V Parallax	-31 to 31	Adjusts vertical offset of the left-eye signal and the right-eye signal. If you do not experience a 3D effect, this may be improved by adjusting the parallax.

Attention

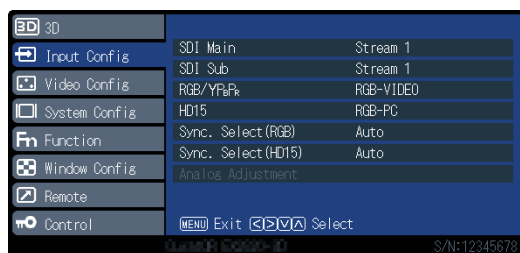
- The settings of “Signal Format”, “Left/Right Swap”, “H Parallax” and “V Parallax” cannot be changed in 2D mode.

Note

- 3D mode indicator (**3D**) is displayed on the upper left of the screen in 3D mode.
- This product remembers the input port used for both 3D mode and 2D mode individually. Therefore, simply switching between 3D and 2D modes will switch the input signal displayed on the screen.

● Input Config

Setting for each input terminal.



Function	Setting range	Description
SDI Main	Stream 1 Stream 2	Sets the picture on Main screen for dual-stream SDI signal. This is also applied to the single screen mode.
SDI Sub	Stream 1 Stream 2	Sets the picture on the subscreen for dual-stream SDI signal.
RGB/YP _B P _R	YP _B P _R RGB-VIDEO RGB-PC	Sets to match the connected signal at the Y/G, P _B /B, P _R /R input terminal. • “YP_BP_R” Set to Y, P_B/C_B, or P_R/C_R signal. • “RGB-VIDEO” Set to RGB signals. Signal decision gives priority to VIDEO system. • “RGB-PC” Set to RGB signals. Signal decision gives priority to PC system.
HD15	RGB-VIDEO RGB-PC	Sets to match signal connected to the HD15 input terminal. • “RGB-VIDEO” Signal decision gives priority to VIDEO system. • “RGB-PC” Signal decision gives priority to PC system.
Sync. Select (RGB)	Auto Sync on Green VBS	Sets the synchronization signal input method for the RGB input terminals. • “Auto” Automatically switches between SYNC input and SYNC on G. When synchronized with SYNC input and SYNC on G, SYNC input is given priority. • “Sync on Green” When synchronized with SYNC input and SYNC on G, select this to synchronize with SYNC on G. • “VBS” Select this when connecting by synchronizing the composite sync (VBS) signal with the SYNC input terminal. E.g., when a non-synchronous R / G / B image signal and a VBS signal output device are connected to the monitor, connect the VBS signal to the SYNC input terminal, and select VBS.
Sync. Select (HD15)	Auto Sync on Green	Sets the synchronization signal input method for the HD15 input terminal. • “Auto” Automatically switches between HD/VD input and SYNC on G. When HD/VD input and SYNC on G are synchronous, HD/VD input is given priority. • “Sync on Green” When HD/VD input and SYNC on G are synchronous, select this to synchronize with SYNC on G

Function		Setting range	Description
Analog Adjustment	Auto Setup	-	Automatically adjusts "H Position", "V Position", and "Dot Clock" when the PC signal is input.
	H Position	0 to 300	To move screen left and right.
	V Position	0 to 100	To move screen up and down.
	Dot Clock	0 to 100	When a striped pattern is displayed, adjust so that noise will decrease when the synchronous striped pattern (noise) is produced.
	Clock Phase	0 to 31	When inputting RGB signals and PC signals, adjust for ease of viewing if bleeding or blurring of the screen contour occurs.
	Signal Format	4:3 Wide	Sets signal type for unidentifiable signals.

● Video Config

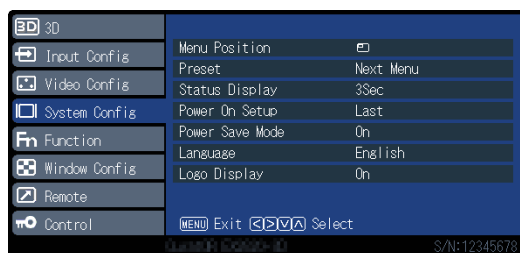
Adjustments / settings for image display.



Function	Setting range	Description
Color	0 to 100	Adjusts color depth of the image.
Tint	0 to 100	Adjusts skin tones.
Brightness	0 to 100	Adjusts image darkness (black).
Picture	0 to 100	Adjusts image intensity.
Sharpness	0 to 20	Adjusts image contour color definition.
Gamma	1.8 to 2.6 DICOM	Adjusts brightness.
Backlight	0 to 100	Adjusts brightness of backlight. In case of multiple windows, select the main screen. The setting cannot be changed when a screen other than the main screen is selected.
Color Temp	6500 K 9300 K Off	Switches tone of the image.
R Gain	0 to 100	Adjusts the brightness of red in bright portions.
G Gain	0 to 100	Adjusts the brightness of green in bright portions.
B Gain	0 to 100	Adjusts the brightness of blue in bright portions.
R Bias	0 to 100	Adjusts the brightness of red in dark portions.
G Bias	0 to 100	Adjusts the brightness of green in dark portions.
B Bias	0 to 100	Adjusts the brightness of blue in dark portions.
Color Gamut	sRGB Native	Sets the Color Gamut.
Input Range	0 to 255 16 to 235	The dynamic range is modulated in accordance with the input signals from the DVI-D terminal. • "0 to 255" Use this setting when connecting PC format source. • "16 to 235" Use this setting when connecting video format source.
NTSC Setup	0 7.5	Select set up level for NTSC signals. Note that the standard level for NTSC signals varies between countries. • "0" Set when the dark parts of the screen are too dark. (0 IRE) • "7.5" Set when the dark parts of the screen are too bright. (7.5 IRE)
Noise Reduction	Off Light Middle Heavy	Select Noise Reduction level for picture.

● System Config

Settings for devices.



Function		Setting range	Description
Menu Position		    	The display locations of menu screen, Input Select menu screen, and PRESET menu screen are set here. • “” Selected screens are displayed in the center of the panel. • “” Selected screens are displayed in the upper right corner of the panel. • “” Selected screens are displayed in the lower right corner of the panel. • “” Selected screens are displayed in the lower left corner of the panel. • “” Selected screens are displayed in the upper left corner of the panel.
Preset	Save	-	Saves currently set values, and the status for each user. Attention • “Power On Setup”, “Language” and “Logo Display” settings cannot be made.
	Clear	-	The set values of “USER1” to “USER10” (USER NAME) can be deleted.
	Rename	-	The character strings of “USER1” to “USER10” (USER NAME) can be changed.
Status Display		Continue 3Sec Off	Sets whether information about the current input signal and terminal name is displayed. Information about the resolution at the PC signal input is also displayed.
Power On Setup		Last PRESET1 to PRESET5 FACTORY USER1 to USER10	Settings for switching on can be set in advance. • “Last” Starts with last saved state. • “PRESET1” to “PRESET5” State saved in PRESET is called. Five types of PRESET are stored in advance in the monitor as fixed data. • “FACTORY” Returns to factory settings. • “USER1” to “USER10” State saved in USER is called. It is possible to store 10 types of data in USER.

Function	Setting range	Description
Power Save Mode	On Off	Sets whether function that the backlight turns off due to no video signal after 30 sec is valid.
Language	English Deutsch Français 日本語 簡体中文 Italiano Español Svenska 繁體中文	Sets the language to be used for display in settings and all menus.
Logo Display	On Off	The logo display on power-on can be set to On or Off.

● Function

Configure the setting related to function buttons (F1 (, F2 (, F3 (, and F4 ().

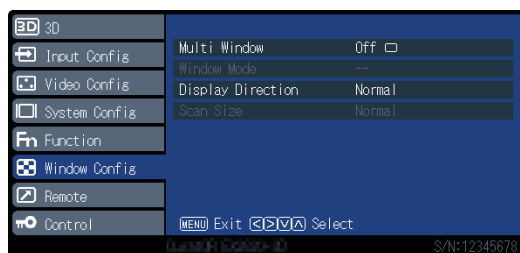


Function	Setting range	Description
F1 F2 F3 F4	PIP Display Direction Scan Size Gamma Select Undef Window Mode Auto Setup H Parallax V Parallax Input VIDEO Input S VIDEO Input RGB/YP _B P _R Input HD15 Input SDI 1 Input SDI 2 Input DVI-D 1 Input DVI-D 2 Noise Reduction Signal Format POP Color Gamut	Sets functions assigned to function buttons. • “PIP” Switches the screen display between dual screen (P in P: small screen is displayed on normal screen) and single screen. • “Display Direction” Rotates / flips the screen. • “Scan Size” Switches the setting values of “Window Config” - “Scan Size” in sequence. • “Gamma Select” Switches the setting values of “Video Config” - “Gamma” in sequence. • “Undef” No function assigned. • “Window Mode” Switches the “Window Mode” set value for the dual screen that are currently displayed in sequence. • “Auto Setup” Executes “Input Config” - “Analog Adjustment” - “Auto Setup”. • “H Parallax” Adjusts Horizontal Parallax. • “V Parallax” Adjusts Vertical Parallax. • “Input VIDEO” Switches to the designated input. • “Input S VIDEO” Switches to the designated input. • “Input RGB/YP_BP_R” Switches to the designated input. • “Input HD15” Switches to the designated input. • “Input SDI 1” Switches to the designated input. • “Input SDI 2” Switches to the designated input. • “Input DVI-D 1” Switches to the designated input. • “Input DVI-D 2” Switches to the designated input. • “Noise Reduction” Switches the setting of “Video Config” - “Noise Reduction” in sequence. • “Signal Format” Sets signal format when in 3D mode. • “POP” Switches between 2 screens (P out P: Splits screen horizontally) and 1 screen on the display. • “Color Gamut” Switches the color gamut.

Function	Setting range	Description
Function Display	Mode1 Mode2 Off	• “Mode1” After the function menu has been displayed, pressing the function button executes the function. • “Mode2” Displays the function menu, and executes the function. • “Off” Executes the function without displaying the function menu.

● Window Config

Settings for screen display.



Function	Setting range	Description
Multi Window	Off  2PIP  2POP 	Sets dual screen display. • “Off ” Sets single screen display mode • “2PIP ” Displays small screen (subscreen) on normal screen (P in P). • “2POP ” Displays split window (P out P). Attention • “2PIP ” and “2POP ” cannot be selected in 3D mode.
Window Mode	(When “2PIP” is selected) Mode1  Mode2  Mode3  Mode4  ----- (When “2POP” is selected) Mode1  Mode2  Mode3 	In accordance with the multiple window, selects the display position and display size of the subscreen for the respective modes. (When “2PIP” is selected) • “Mode1 ” Displays subscreen at top right. • “Mode2 ” Displays subscreen at bottom right. • “Mode3 ” Displays subscreen at bottom left. • “Mode4 ” Displays subscreen at top left. (When “2POP” is selected) • “Mode1 ” Displays subscreen at 1/2 display size. • “Mode2 ” Displays subscreen at 1/3 display size. • “Mode3 ” Displays subscreen at 1/4 display size.
Display Direction	Normal 180° Mirror	Sets the rotation angle or horizontally flips the main screen and subscreen. Note • Displays  on the screen when “180°” selected. • Displays  on the screen when “Mirror” selected.

Function	Setting range	Description
Scan Size	Normal x1.05 x1.10 x1.33 x1.50 16:9 Through 4:3 1:1 V Fit x2.00 Half Half x1.50 Half x2.00	Sets zoom in and out ratios when displaying input video on the monitor. • "Normal" When using the single screen, enlarges or reduces so that the vertical resolution is 1080 dots. Dark bands form left and right when the aspect ratio is other than 16:9. When using multiple windows, the display matches the display frame of the main screen and subscreen. • "x1.05" Enlarges images displayed with "Normal" to 1.05 times. • "x1.10" Enlarges images displayed with "Normal" to 1.1 times. • "x1.33" Enlarges images displayed with "Normal" to 1.33 times. • "x1.50" Enlarges images displayed with "Normal" to 1.50 times. • "16:9" Displays converted aspect ratio of images displayed with "Normal" to 16:9. • "Through" Signals with vertical resolutions of over 720 dots are displayed without the scaling (scale-up / scale-down) process being applied. • "4:3" Extracts the input signal so that the aspect ratio is 4:3, and displays it matching the display frame. • "1:1" Extracts the input signal so that the aspect ratio is 1:1, and displays it matching the display frame. • "V Fit" Displays the input signal matching the vertical display frame of the POP. • "x2.00" Enlarges images displayed with "Normal" to 2.0 times. • "Half" Reduces the size of images displayed with "Normal" to 1/2 in the horizontal direction. • "Half x1.50" Enlarges images displayed with "Half" to 1.5 times. • "Half x2.00" Enlarges images displayed with "Half" to 2.0 times.

Note

- "Normal" displays at 4:3 when input signal is NTSC, PAL, 480/60i, 480/60p, 576/50i, or 576/50p.
- "16:9" is selectable when input signal is NTSC, PAL, 480/60i, 480/60p, 576/50i, or 576/50p.
- "4:3" and "1:1" work only in PIP or POP mode and "V Fit" works only in POP mode. They do not work with a full (non-split) screen display.
- "x2.00" is available only when the 3D signal format is "SIMUL" or "SIDE BY SIDE".
- Modes "Half", "Half x1.50" and "Half x2.00" are available only when the 3D signal format is "SIDE BY SIDE".

● Remote

Configure the settings related to a remote function (a function used to control this product from external devices connected to the RS232C or GPI terminal).



Function	Setting range	Description
RS-232C	On Off	Sets the On / Off status of the remote function via the RS-232C terminal.
GPI Control	On Off	Sets the On / Off status of the remote function via the GPI terminal.

Function		Setting range	Description
GPI Setup	GP1	PIP	Sets functions assigned to each terminal of the GPI terminals. • “PIP” Switches between dual screen (P in P) and single screen. • “POP” Switches between dual screen (P out P) and single screen. • “Display Direction” Rotates or flips screen. • “Display Direction $\mathbb{M}$” Rotates or flips main screen. • “Display Direction $\mathbb{S}$” Rotates / flips subscreen. • “Window Mode” Switches the setting values of “Window Config” - “Window Mode” in sequence. • “$\mathbb{M}$ Input VIDEO” Switches main screen input signal to VIDEO. • “$\mathbb{M}$ Input S VIDEO” Switches main screen input signal to S VIDEO. • “$\mathbb{M}$ RGB/YP_BP_R” Switches main screen input signal to RGB/YP_BP_R. • “$\mathbb{M}$ Input HD15” Switches main screen input signal to HD15. • “$\mathbb{M}$ Input DVI-D 1” Switches main screen input signal to DVI-D 1. • “$\mathbb{M}$ Input DVI-D 2” Switches main screen input signal to DVI-D 2. • “$\mathbb{M}$ Input SDI 1” Switches main screen input signal to SDI 1. • “$\mathbb{M}$ Input SDI 2” Switches main screen input signal to SDI 2. • “$\mathbb{M}$ Input SDI 1 LEVEL B” Switches main screen input signal to SDI 1 LEVEL B. • “$\mathbb{M}$ Input SDI 2 LEVEL B” Switches main screen input signal to SDI 2 LEVEL B. • “$\mathbb{S}$ Input VIDEO” Switches subscreen input signal to VIDEO. • “$\mathbb{S}$ Input S VIDEO” Switches subscreen input signal to S VIDEO. • “$\mathbb{S}$ RGB/YP_BP_R” Switches subscreen input signal to RGB/YP_BP_R. • “$\mathbb{S}$ Input HD15” Switches subscreen input signal to HD15. • “$\mathbb{S}$ Input DVI-D 1” Switches subscreen input signal to DVI-D 1.
	GP2	POP	
	GP3	Display Direction	
	GP4	Display Direction $\mathbb{M}$	
	GP5	Display Direction $\mathbb{S}$	
	GP6	Window Mode	
	GP7	$\mathbb{M}$ Input VIDEO	
	GP8	$\mathbb{M}$ Input S VIDEO	
		$\mathbb{M}$ Input RGB/YP _B P _R	
		$\mathbb{M}$ Input HD15	
		$\mathbb{M}$ Input DVI-D 1	
		$\mathbb{M}$ Input DVI-D 2	
		$\mathbb{M}$ Input SDI 1	
		$\mathbb{M}$ Input SDI 2	
		$\mathbb{M}$ Input SDI 1 LEVEL B	
		$\mathbb{M}$ Input SDI 2 LEVEL B	
		$\mathbb{S}$ Input VIDEO	
		$\mathbb{S}$ Input S VIDEO	
		$\mathbb{S}$ Input RGB/YP _B P _R	
		$\mathbb{S}$ Input HD15	
		$\mathbb{S}$ Input DVI-D 1	
		$\mathbb{S}$ Input DVI-D 2	
		$\mathbb{S}$ Input SDI 1	
		$\mathbb{S}$ Input SDI 2	
		Sync. Select RGB	
		Sync. Select HD15	
		Red Tally	
		Green Tally	
		WINDOW SELECT	
		3D/2D	
		H Parallax(-)	
		H Parallax(+)	
		V Parallax(-)	
		V Parallax(+)	
		Undef	

Function		Setting range	Description
GPI Setup	GP1	PIP	• “[S] Input DVI-D 2” Switches subscreen input signal to DVI-D 2. • “[S] Input SDI 1” Switches subscreen input signal to SDI 1. • “[S] Input SDI 2” Switches subscreen input signal to SDI 2. • “Sync. Select RGB” Switches the setting values of “Input Config” - “Sync. Select RGB” in sequence. • “Sync. Select HD15” Switches the setting values of “Input Config” - “Sync. Select HD15” in sequence. • “Red Tally” Sets ● (red) displayed at screen top center to On or Off. • “Green Tally” Sets ● (green) displayed at screen top center to On or Off. • “WINDOW SELECT” Switches the operation target screen. • “3D/2D” Switches between 3D and 2D modes. • “H Parallax(-)” Decreases setting value of H Parallax. • “H Parallax(+)” Increases setting value of H Parallax. • “V Parallax(-)” Decreases setting value of V Parallax. • “V Parallax(+)” Increases setting value of V Parallax. • “Undef” Not set.
	GP2	POP	
	GP3	Display Direction	
	GP4	Display Direction [M]	
	GP5	Display Direction [S]	
	GP6	Window Mode	
	GP7	[M] Input VIDEO	
	GP8	[M] Input S VIDEO	
		[M] Input RGB/YP _B P _R	
		[M] Input HD15	
		[M] Input DVI-D 1	
		[M] Input DVI-D 2	
		[M] Input SDI 1	
		[M] Input SDI 2	
		[M] Input SDI 1 LEVEL B	
		[M] Input SDI 2 LEVEL B	
		[S] Input VIDEO	
		[S] Input S VIDEO	
		[S] Input RGB/YP _B P _R	
		[S] Input HD15	
		[S] Input DVI-D 1	
		[S] Input DVI-D 2	
		[S] Input SDI 1	
		[S] Input SDI 2	
		Sync. Select RGB	
		Sync. Select HD15	
		Red Tally	
		Green Tally	
		WINDOW SELECT	
		3D/2D	
		H Parallax(-)	
		H Parallax(+)	
		V Parallax(-)	
		V Parallax(+)	
		Undef	

Note

- The GPI is an edge operation without tally. Operations can be received by setting the terminal potential from open to the same potential as GND. The edge operation requires a period of at least 200 ms of the same potential as GND. After the operation, the same potential as GND should be canceled.

● Control

Settings for lock functions.



Function	Setting range	Description
Lock	On Off	Changing settings via the main menu is prevented.

Attention

- When this function is set to “On”, no settings other than “Control” can be changed.

Note

- If you hold down  (MENU) and  (ENTER) for approximately four seconds, buttons are locked, and the “LOCKED” message is displayed. If you perform the same operation again, buttons are unlocked, and the “UNLOCKED” message is displayed.

Chapter 3 Troubleshooting

3-1. No Picture Displayed

Problem	Possible cause and remedy
1. No picture	• Check whether the power cord is connected properly. • Check whether the DC OUT terminal and the DC IN terminal are connected properly. • Turn on the power switch. • Check whether the main power indicator of the AC adapter is on. • Turn off the power and then turn it on again.
2. The message below appears.	This message appears when the signal is not input correctly even though the monitor is functioning properly.
• This message appears when no signal is input. Example: 	• The message shown on the left may appear, because some devices to be connected do not output the signal immediately after power-on. • Check whether the device to be connected is turned on. • Check whether the signal cable is connected properly. • Turn off the power and then turn it on again.
• The message indicates that the input signal is outside the specified frequency range. Example: 	• Check whether the device to be connected is configured to meet the resolution and vertical scan frequency requirements of the monitor. • Reboot the device to be connected.

3-2. Imaging Problems

Problem	Possible cause and remedy
1. The screen is too bright or too dark.	• Use “Brightness” or “Backlight” in the Setting menu to adjust it.
2. Text is blurred	• Check whether the PC is configured to meet the resolution and vertical scan frequency requirements of the monitor (see “Compatible Resolutions” in the Instructions for Use).
3. Afterimages appear	• Afterimages are particular to LCD monitors. Avoid displaying the same image for a long time. • Use the screen saver or power saving 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. If this occurs, changing the image or leaving the power off for a few hours may solve the problem.
4. Green, red, blue, white dots or dark dots remain on the screen	• This is due to LCD panel characteristics and not a malfunction.
5. 3D images are not shown	• Switch to 3D mode. • Adjust 3D mode.
6. 3D images are strange	• Switch the displays of the left-eye signal and the right-eye signal. • In SIMUL mode, make sure that the left-eye image signal and the right-eye image signal are input correctly.

3-3. Other Problems

Problem	Possible cause and remedy
1. The Setting menu does not appear.	• Make sure the lock function is not set to “On.” (See “Control” (page 21).)

Chapter 4 Reference

4-1. Main Default Settings

PRESET / FACTORY

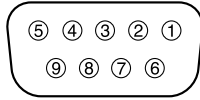
	3D		Input Select	
	3D/2D Selection	Signal Format	Main Screen	Subscreen
PRESET 1	2D	SIDE BY SIDE	SDI 1	DVI 1
PRESET 2	3D	SIDE BY SIDE	DVI 1	VIDEO
PRESET 3	3D	LINE BY LINE	DVI 1	VIDEO
PRESET 4	3D	SIMUL	SDI 1	VIDEO
PRESET 5	3D	TOP AND BOTTOM	DVI 1	VIDEO
FACTORY	2D	SIDE BY SIDE	DVI 1	SDI 1

Others

System Configuration	Language	English
	Logo Display	On
Functions	F1	Gamma Select
	F2	Scan Size
	F3	POP
	F4	Signal Format
Control Setting	Lock	Off

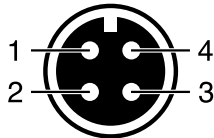
4-2. Pin Specifications

● GPI terminal



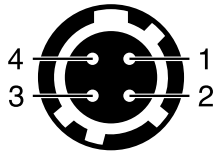
Pin No.	Signal name
1	GPI1
2	GPI2
3	GPI3
4	GPI4
5	GND
6	GPI5
7	GPI6
8	GPI7
9	GPI8

● DC IN terminal



Pin No.	Signal name
1	GND
2	GND
3	24 VDC
4	24 VDC

● DC OUT terminal on the main unit



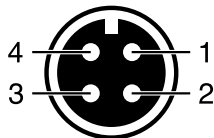
Pin No.	Signal name
1	GND
2	NC (no connection)
3	NC (no connection)
4	5 VDC

HIROSE P/N: HR10A-7R-4S(74)

Recommended plug

HIROSE P/N: HR10A-7P-4P(74)

● DC OUT terminal of AC adapter



Pin No.	Signal name
1	GND
2	GND
3	24 VDC
4	24 VDC

Appendix

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 two (2) years from the date of purchase of the Product (hereinafter referred to as the “**Warranty Period**”). 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 (excluding design parts) of the Product upon expiration of five (5) years after the production of the Product is discontinued. In repairing the monitor, EIZO and Distributors will use renewal parts which comply with our QC standards. If the unit cannot be repaired due to its condition or the stockout of a relevant part, EIZO and Distributors may offer the replacement by a product with equivalent performance instead of repairing it.

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 the sensor;
- (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.);
- (g) Any deformation, discoloration, and/or warp of the exterior of the product including that of the surface of the LCD panel;
- (h) Any defect of the Product caused by placement in a location where it may be affected by strong vibration or shocks;
- (i) Any defect of the Product caused by liquid leaking from battery; and
- (j) 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.).

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.

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