SHARP

PN-LB863
PN-LB753
PN-LB653
Installation Guidelines

<Ver. 1.0>

June 2026

Digital Imaging Solutions Business Unit
SHARP Corporation

About handling of this material

・ Please handle this document very carefully as it includes know-how of information displays.

・ Basic notes of installation to use the display for long term in good condition is described

[Warning]

This document describes installation know-how of information displays for our business partners. Please be careful not to distribute this document or part of its contents to other companies, or divert (use) it for competitor's models.

Please also be reminded that numerical values and expressions in this document are subject to change according to future evaluation without prior notice.

Contents

- Precautions for temperature, humidity, clearance and environment …3
- Consideration for direct sunlight …4
- Conditions of tilt angle …5
- Rotation direction for portrait installation …6
- Precautions for transportation of the packed display …7
- Precautions for transportation by elevator of the packed display …7
- Precautions for opening package …11
- Precautions for installation …12
- Precautions for installation and handling …14
- Precautions for display mounting …15
- Other precautions …16

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Precautions for temperature, humidity, clearance and environment

Temperature, humidity and environment

Temperature, humidity and environment of the product (display).

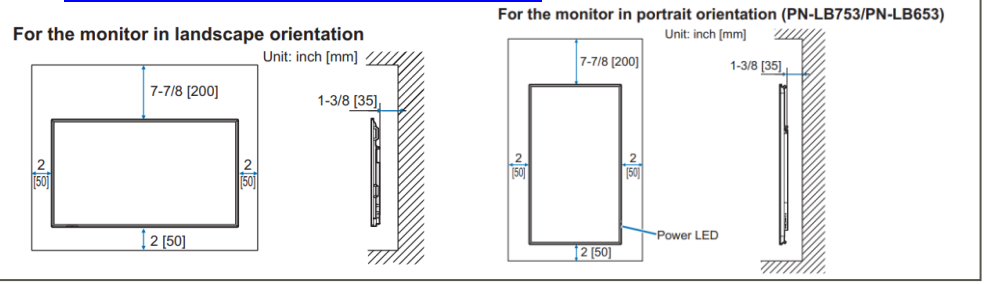
・Using conditions

Temperature ：5°C～35°C

Humidity ：20％～80％RH （No condensation）

※ If it is difficult to secure the sufficient space such as using in a case, please adjust the surrounding temperature to 5°C-35°C by using a fan, for example.

Needed clearance



Condensation

・Condensation may occur on the surface or inside of the device when it is moved from a cold place to a warm place, or when the room temperature rises suddenly due to heating, etc.

・If condensation occurs not only on the display surface but also on the casing, do not turn on the power until the condensation disappears. This may cause a malfunction. (To prevent condensation, gradually raise the room temperature.)

Installation conditions

A touch panel may not work properly because it uses IR.

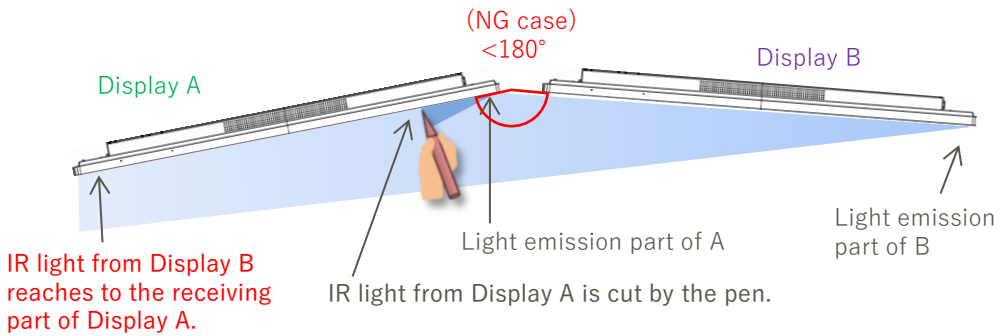
- Please keep the product away from direct sunlight or strong light.
- If you use more than 1 product closely, please be sure that the IR reception units do not interfere. (Right drawing shows the example of malfunction.)

Installation requirements:

① The angle between the display screens must be 180° or more.

② Ensure a gap of at least 5 mm (due to thermal expansion of the display casing and frame).

- Please contact our service department regarding side-by-side installation and inspection methods (service tools).
- There is no driver compatible with wideboards. (Only compatible with LA models)



When the displays are positioned at less then 180 degrees, IR light interference may occur, preventing proper pen and touch function recognition.

Please install display(s) under the environment which meets these conditions. (Peripheral devices are also installed keeping their specifications.)

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Consideration for direct sunlight

This unit is for indoor use only. Please install it in a location protected from wind, rain, and direct sunlight.
Exposure to these can cause malfunctions and deterioration.

Direct sunlight can cause malfunctions and quality deterioration, so please be sure to implement measures to block UV rays, infrared rays, and temperature changes.

Sunlight

Do not expose the touch display to direct sunlight.

If installing in a semi-outdoor or outdoor location, please refer to the section on Countermeasures and install it on a north-facing wall to avoid direct sunlight.

Effects of direct sunlight

Potential problems caused by direct sunlight exposure to the LCD display:

* Brightness effect

→ Difficulty viewing the screen

* Ultraviolet and infrared rays can cause malfunctions.

(Especially LCD malfunctions.)

* Temperature rise can cause malfunctions.

(Even if the surrounding area is cooled, the temperature of the part exposed to sunlight will be high.)

→ Deterioration of the LCD or color filter, screen darkening, malfunction, and deformation of the casing.

Countermeasures

Please implement measures to block UV rays, infrared rays, and manage temperature.

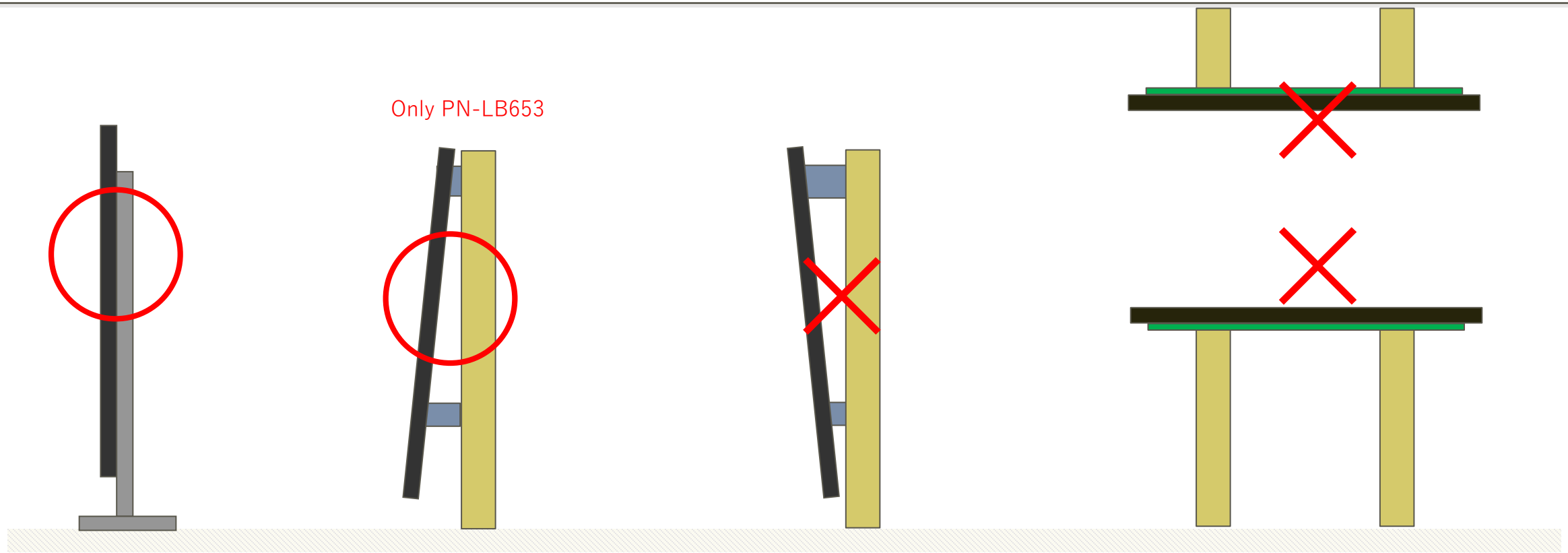
- Install sunshades
- Utilize building eaves
- Move back from sunny locations
- Change direction to avoid direct sunlight
- Utilize street trees and other shields (please also be mindful of wind, such as during typhoons).

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Conditions of tilt angle

About tilt angle

- For PN-LB863/PN-LB753, Installation tilt angle is only for vertical installation.
- For PN-LB653, the installation tilt angle is 0° to 20° upward, whether installed Landscape or Portrait
- Usable ambient temperature range of this display is 5°C-35°C.



Only PN-LB653

Only PN-LB653 can be installed at an upward angle of 0° to 20° .

Downward angle is not supported.

Flat installation is not supported.

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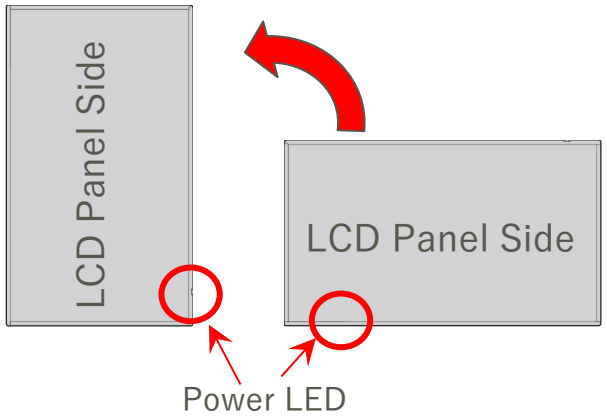
Rotation direction for portrait installation

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Caution

*Vertical installation is only supported for PN-LB753/LB653.

・In case of portrait installation, please rotate the products Counterclockwise 90 degrees when viewed from the front.



- On affixing mounting plate of portrait orientation, make sure the up-side by the label indicates the upside to display properly. (Never mount upside – down.)
- Please change OSD indication from landscape to portrait in case of portrait installation.
「Settings」 → 「Administrator settings」 → 「Setup」 → 「System」 → 「OSD」 → 「Screen Rotation」 → 「Portrait」



Rotation 180° Function

- If you set the "Screen " to "Portrait" in the settings, all installed apps will support portrait mode.
- When sending a screen via EShare, the following will be displayed.

Setting (Screen Rotation)	Tablet, smartphone Screen orientation for transmission	Main screen display contents
Landscape	Portrait	Portrait display (black bars on the left and right)
	Landscape	Landscape display (black bars at the top and bottom)
Portrait	Portrait	Portrait display (black bars on the left and right)
	Landscape	Landscape display (black bars at the top and bottom)

- This model does not have the ability to rotate the device in response to external input.

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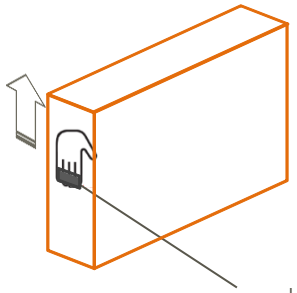
Precautions for transportation of the packed display

Transportation of packed display

- 4 persons are needed to handle the packed display.
- Transport the packed display on a cart.
  (In case cart cannot be used (ex. stair steps), move the display with more than 4 persons.)
- Move the packed display in landscape position. Portrait and flat position is not supported.
  (Temporary transportation in portrait position in an elevator for example is OK.)

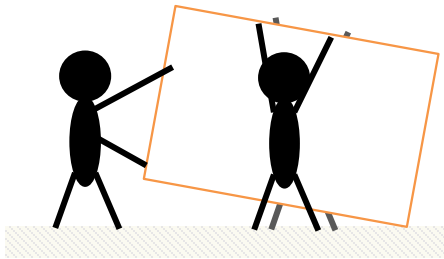
＜Packing dimension＞

	W(mm)	D(mm)	H(mm)	Mass(kg)
PN-LB863	2,135	185	1,245	73
PN-LB753	1,890	185	1,102	59
PN-LB653	1,670	185	980	48(EU) 45(US/Others)

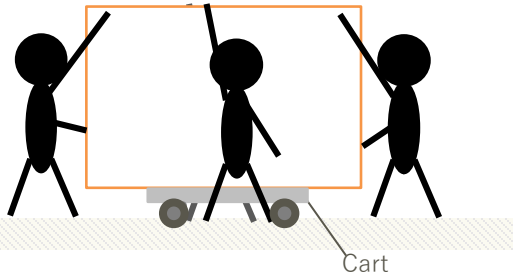


Use the shown handgrip to lift up the packed display.
Hold the side of the package so that it will not fall down.

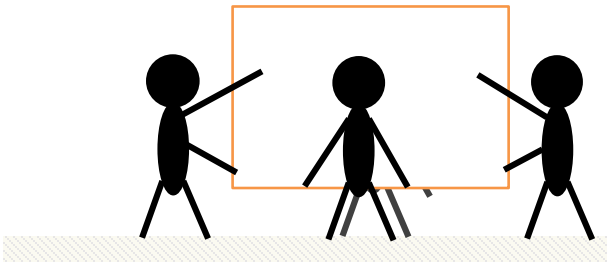
Hand grip



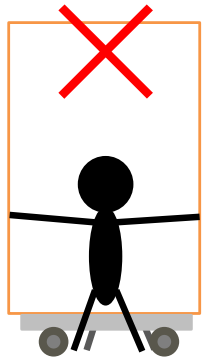
Lift either side of the package in order to place it onto the cart. Package must be held by other persons in order to avoid falling down.
(2 persons are holding the package in above illustration)



While transporting the packed display by cart, hold the all sides of the displays by 4 persons.



In case a cart cannot be used, move the packed display by more than 4 persons, with each person holding each side of the package.



Packed display should not be transported in portrait position. In the case transportation in landscape position is impossible, it may be temporarily transported in portrait position.

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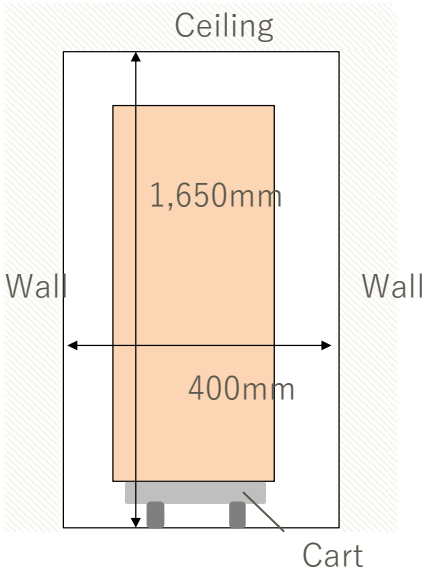
Precautions for transportation of the packed display

Carry in space

（1） Space to carry in

A cart should be used for transportation.
In order to transport the packed product with a cart, following space is necessary.
(In case width of a cart is <300mm and height of a cart is <150mm)

	Width	Height
PN-LB863	> 400mm	> 1,650mm
PN-LB753	> 400mm	> 1,500mm
PN-LB653	> 400mm	> 1,300mm

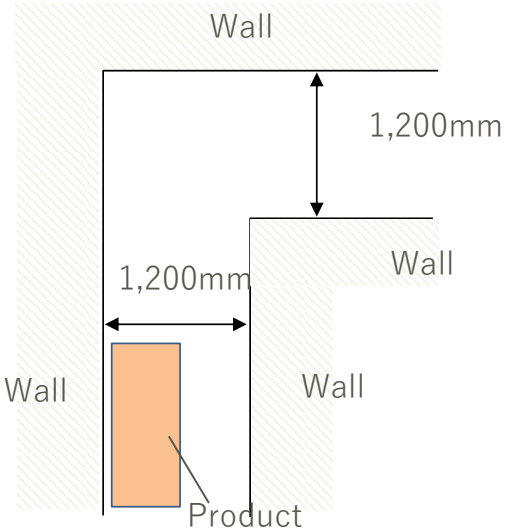


（2） Space at a corner

In case there are turns alongside with transportation pathway,

Caution: Take care not to hit the package against the corner wall.

	Space
PN-LB863	> 1,200mm
PN-LB753	> 1,100mm
PN-LB653	> 1,000mm



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Precautions for transportation by elevator of the packed display

Use of elevator

Accommodation space

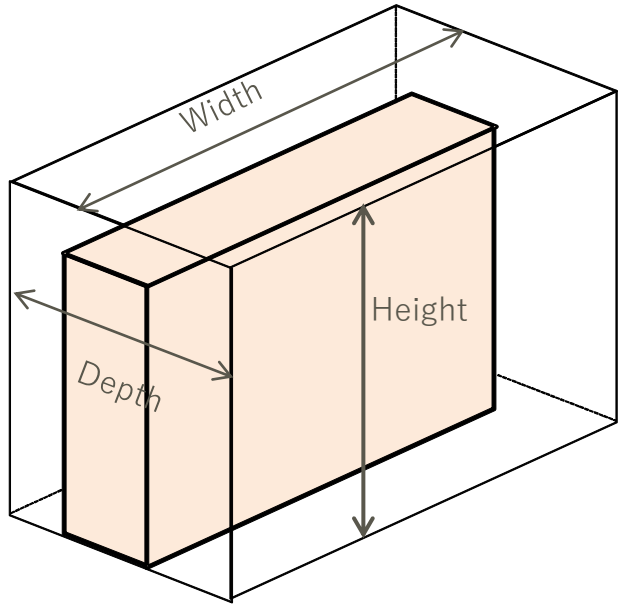
When using an elevator to transport, followings are the minimum size of the elevator.

※ In case transportation in landscape position is impossible, it may be transported temporarily in portrait position.

Caution : Take care not to hit the package against the elevator door or the wall while carrying the display into the elevator.

(mm)	Landscape position		
	Width(mm)	Depth(mm)	Height(mm)
PN-LB863	>2,225	>220	>1,365
PN-LB753	>1,980	>220	>1,220
PN-LB653	>1,760	>220	>1,100

* The space for workers who ride together is not included.



In case transportation in landscape position is impossible (the depth of the elevator is short), it may be transported temporarily in portrait position.

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Precautions for transportation by elevator of the packed display

Use of elevator

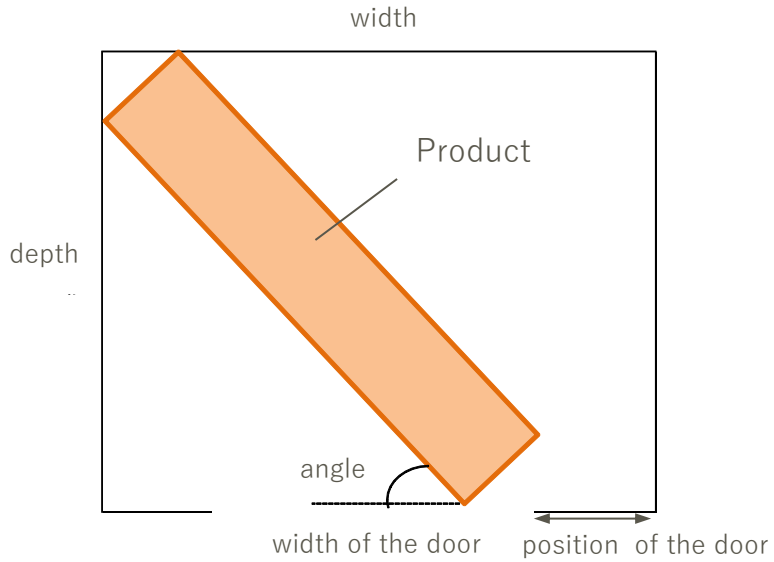
（1） Carry in space

An elevator should have the size that can accommodate the product when using an elevator.

Caution: The packing or the product should not contact with the door and/or the wall when using an elevator.

The following is the list indicating angles and required sizes when the depth is insufficient and carrying diagonally.

Refer to the following list.



Depth	:	Depth of the elevator (length from front to back)
Width	:	Width of the elevator
Width of the door	:	Width of the door
Position of the door	:	Distance between the side wall to the edge of the door
Angle	:	Tilting angle of the product when carrying in an elevator

Size	Angle	Position of the door	Packed		Body only	
			Width	Depth	Width	Depth
86”	45°	0	1,850	1,850	1,600	1,600
		150	1,950	1,850	1,700	1,600
		250	2,050	1,850	1,800	1,600
75”	45°	0	1,700	1,700	1,400	1,400
		150	1,800	1,700	1,500	1,400
		250	1,900	1,700	1,600	1,400
65”	45°	0	1,550	1,550	1,300	1,300
		150	1,700	1,550	1,450	1,300
		250	1,800	1,550	1,550	1,300

※The door should have the same width of the product when the angle is 0 degree. 【mm】

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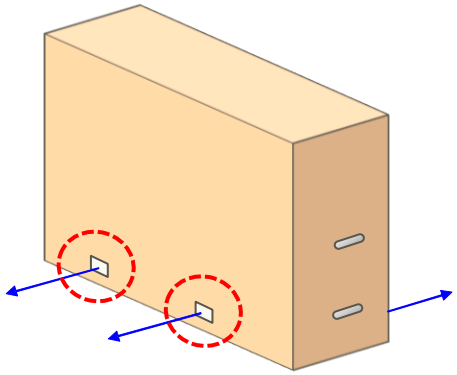
Precautions for opening package

Precautions for opening package

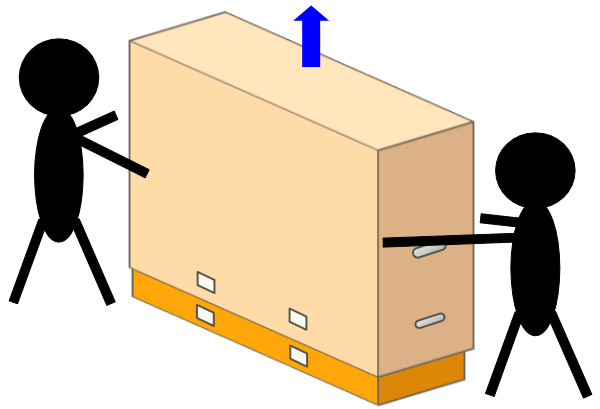
- Please open the package with at least 2 persons.
- Remove the joints attached to the bottom of the shipping box. (86”: 6 joints; 75”/65”: 4 joints)
- Hold the both side of the package and lift it up straight.
- When lifting the packaging box, please be careful not to let it hit the ceiling fluorescent lights or other fixtures.
- Do not touch the screen.



Remove the joint downward pinching the inner side of it.



Remove the joints at the bottom of the packing box along the longest side.

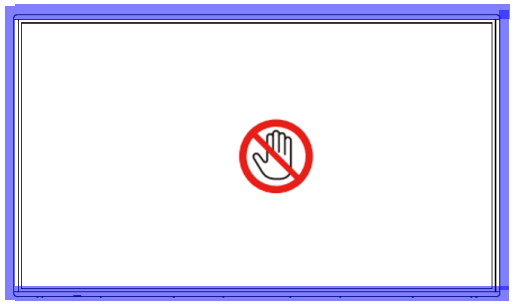


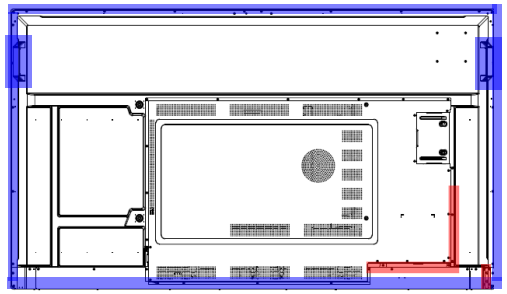
After removal of the joints, please lift up the both sides of the carton box straight.

*For North America, the packing box is on the skit for ISTA compatibility.

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Precautions when installation and moving





・The LCD screen is made of glass. When installing or moving the product, be sure to hold the frame or handles (blue part).
Also, do not put your hands on the liquid crystal display surface, or the corners of the operation buttons and terminals on the back shown in red.
Doing so may cause damage, malfunction, or injury.
・Be careful to keep a firm grip and avoid slipping.
・When lifting objects with heavy machinery such as cranes, do not use the handle to lift them. (See page 13 for details.)

Caution: Caution when installation

Prior to installing this product, please read the following items carefully in order to use it in good condition for long time.

・Please use a mounting bracket which can support 4 times weight of the display.
The wall on which displays are mounted must support 4 times total weight of the display and a mounting bracket (concrete wall, pillar etc).
・Use the monitor with the surface perpendicular to a level surface. If necessary, PN-LB653 may be tilted up to 20degrees upward. There is some conditions for the installation.
・Usable ambient temperature range of this display is 5°C-35°C. Using under other condition may cause malfunction. Please keep enough space to avoid heating up.
(Example)：When heat is not dissipated and the internal temperature of the unit becomes high, the brightness of the backlight decreases and display of the unit becomes darker.
If the internal temperature increases furthermore, the unit is turned off and becomes standby mode.
・In case when securing the space is difficult such as the unit is installed inside a case or the unit is installed where the ambient temperature does not range from 5°C to 35°C,
please take measures so as the temperature inside a case or the ambient temperature ranges from 5°C to 35°C by installing a fan, for example.
・Please do not obstruct the ventilation hole. It may cause inner rise of temperature and malfunction.
・Please keep the display away from direct sunlight. It may cause failure and deterioration.
・In dusty areas, it is necessary to take measures against dust such as regular cleaning.
・For safety, please give measures for preventing fall of display.
・The ground connection is necessary when the power plug is connected. 3-pin plug is used for the power plug. Please ask the professional dealer/contractor
if you are not able to make ground connection.
・When the display is temporary put on the desk etc without a stand, please spread a soft sheet under it because the mounting bracket interfere with the desk.

・Please refer to “Mounting precautions (For SHARP dealers and service engineers)” which is described in the operation manual and
“Mounting precautions (For SHARP dealers and service engineers)” which is described in the setup manual.
・Please be careful that the product warranty is not valid if these precautions are not taken.

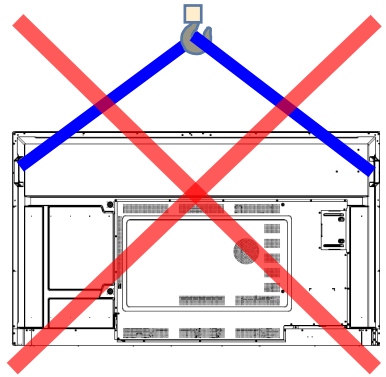
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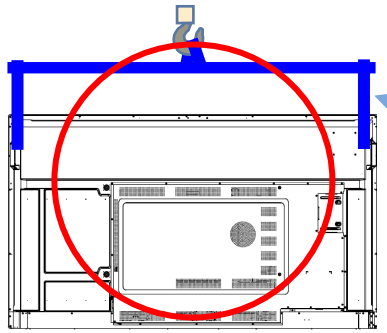
Precautions for installation

*Lifting operations are limited to those with knowledge of lifting operations.

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・When lifting with a crane, etc., do not use the handle.



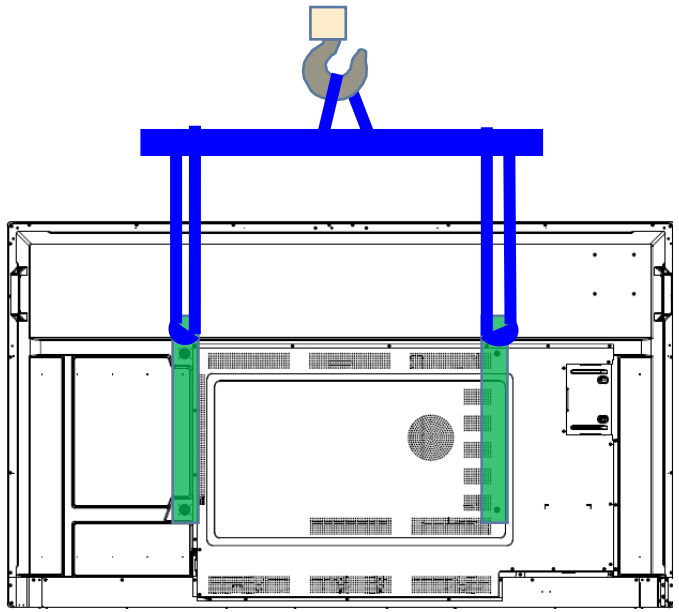


If you use fittings that allow for vertical suspension from the handle, you can utilize the handle.

How to hang the display using the installation hole on the back

(1) Attach the bracket. Fix the bracket with 4 points.
(2) Lift the display by attaching it to the VESA mounting points.

・please use the metal bracket (for VESA mounting) included with the stand or an equivalent bracket.
・Use a bracket that connects the upper and lower VESA mounting points.
・Use a bracket with a design that prevents the lifting rope from detaching when fixed in place.

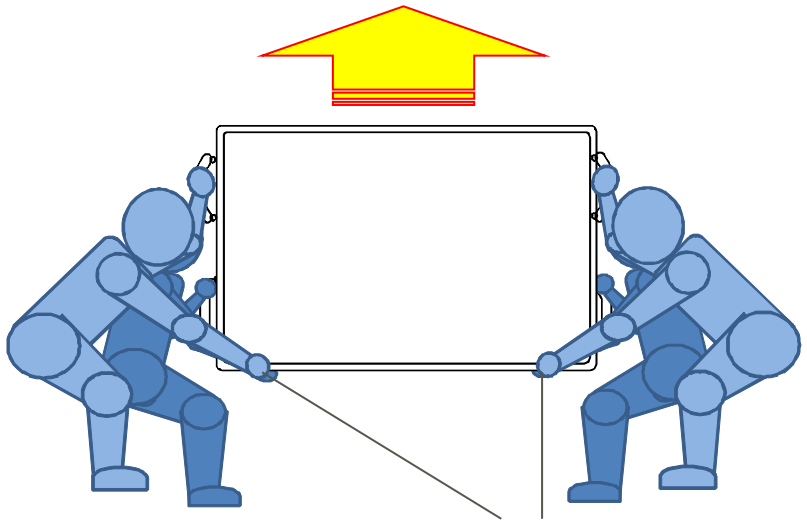


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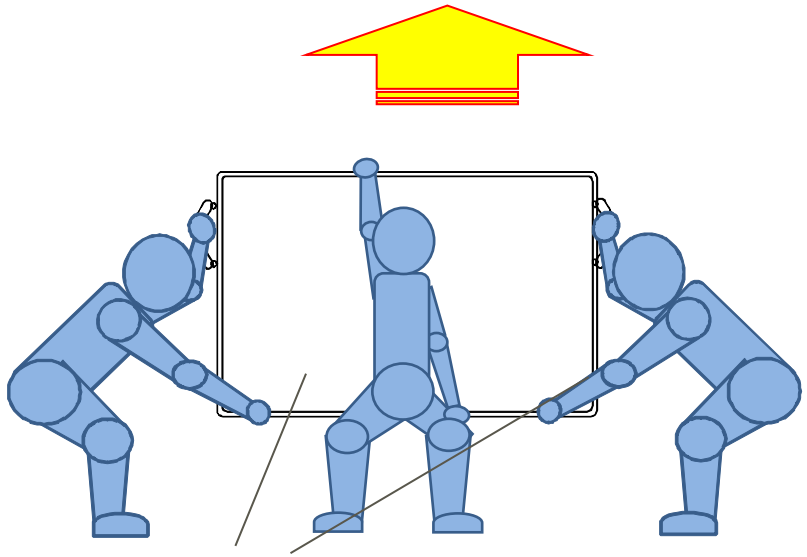
Worker position, assignment of work and cautions while lifting up the display

As this product is heavy, please wear gloves and safety shoes when you lift up this display.
In order to lift up the display, such as the move from a packing box to a cart, 4 persons(86”) or 3 persons(75” and 65”) are required.
Please check the position and assignment for each worker by referring to the illustration below.

86”



75” /65”



Please be careful not to touch the speakers

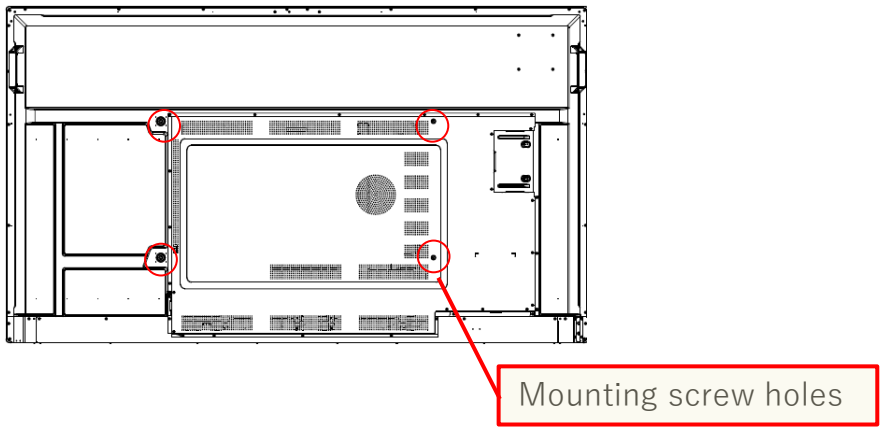
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VESA compliant mounting bracket for the display (M8 screw)

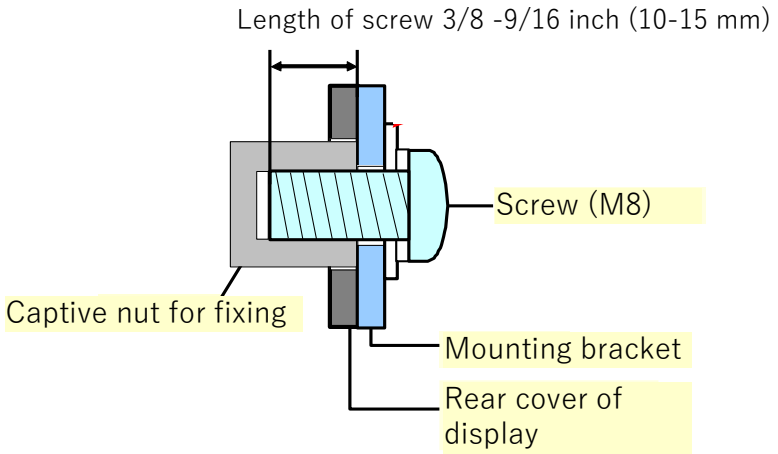
Please pay attention to the following items when using the screw holes on the back of the display.

1) Please use 4 mounting screws to fix the display.
2) Use a mounting bracket with a fixing hole size of ϕ9.5 mm or less.
3) Please use screws with correct length as described in the operation manual of the display.
   Display may drop with a long screw.
4) Please take proper countermeasures to prevent the screws from becoming loose (For example : using screws with a split lock washer).
5) Please tighten the screws to approximately 300N・cm torque.
   ※ Do not use an impact driver.

・Please mount the displays onto the mounting bracket recommended by SHARP.
Read carefully the notes described in the instruction manual of each option.



Back of the display



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Other precautions

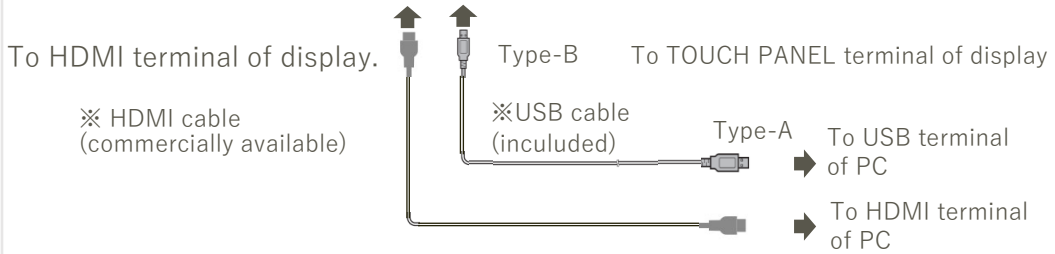
Touch panel connection

● When using the touch panel with a computer connected to this unit,

1） Start the computer.

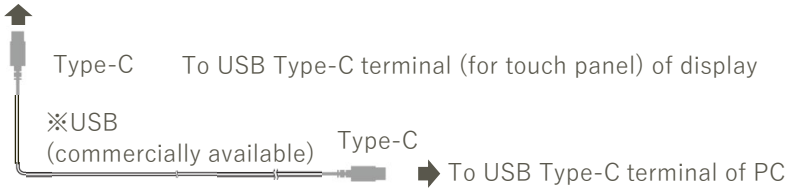
2） Connect the USB cable of this unit to the computer. When connected, the unit is automatically recognized.

■When connecting using a USB Type-A/B cable (included cable)
(Video connection requires an HDMI cable)



・The TOUCH PANEL terminal is used when you want to use the touch panel on a computer connected to HDMI1, HDMI2, or HDMI3.
It is enabled when the input mode is HDMI1/2/3. (When the input mode is HDMI1/2/3,Type-C is disabled.)

■When connecting using a USB Type-C cable (commercially available)
(Since video is also transmitted via the Type-C cable, only one Type-C cable connection is required.)



・When connecting via USB Type-C, please check the PC and cable specifications listed on page 19.
・When connecting via USB Type-C, this feature is only effective when the input mode is set to USB-C.
・When connecting via USB Type-C, it is not necessary to connect a USB cable to the TOUCH PANEL terminal.
・ Even when multiple devices are connected to the TOUCH PANEL terminal simultaneously, you can use switch video inputs.

Installing the cable clamp (USB-C connection)

Since the terminal part of the USB-C is small,

please use the included cable clamp to reduce strain on the connector.





※ The photo is for reference only.

RS-232C connection



The connector on this unit is a D-SUB 9-pin, male.

When connecting this unit to a computer, use a cross cable.

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Other precautions

Remote control

When operating this unit with a remote control, please be sure to use the included remote control.

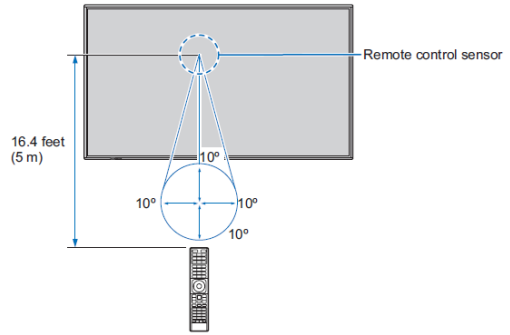
It is not compatible with older remote controls.



Remote control operation range

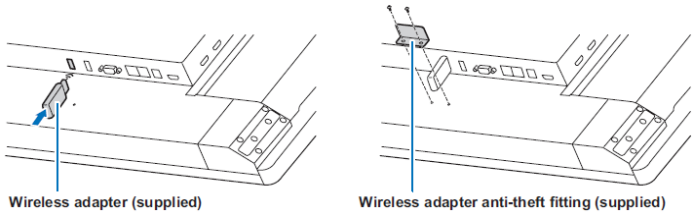
The remote control receiver is located near the center of the main unit's screen.

The remote control can be operated within a range of 5 meters from the remote control receiver, and within approximately 10° in all directions (up, down, left, and right).



Attaching the wireless adapter

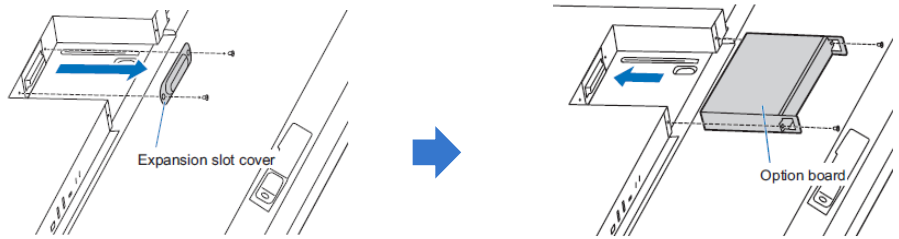
Attach the wireless adapter to the USB terminal of the display.



1. Connect the supplied wireless adapter to the HOME mode USB terminal on the left side ( ).
2. Attach the included wireless adapter anti-theft bracket using the wireless adapter anti-theft bracket screw (M3 x 6) (included) (2 pc.).
3. If the Bluetooth device connection is lost, connect a commercially available USB extension cable to the HOME mode USB terminal on the left side ( ), connect the included wireless adapter to the USB extension cable, and place the wireless adapter in a location visible from the front of the unit.

Attaching the OPS PC

Install the OPS PC in the expansion slot of the display.



Install the OPS PC in the expansion slot of the display.

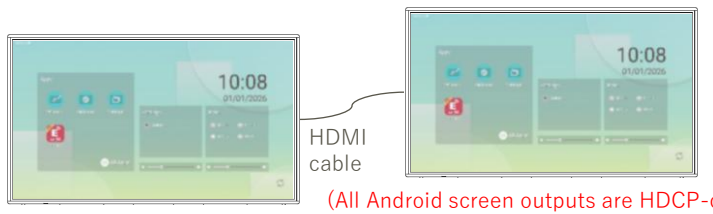
1. Please turn off the main power supply and unplug the power cable etc..
2. Remove the screws (x2) securing the expansion slot cover attached to this unit.
3. Use the OPS fixing screws (x2) provided with the option board to secure the option board to the unit.

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Other precautions

Notes on HDMI output （Mirroring）

・Using the HDMI output terminal, you can output the screen displayed on this unit and the audio being output to an external device.
※If the input video is encrypted for copyright protection, the video cannot be output.

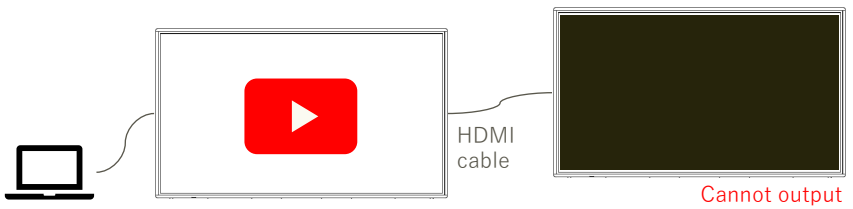


(All Android screen outputs are HDCP-compliant)

Output of the built-in Android screen



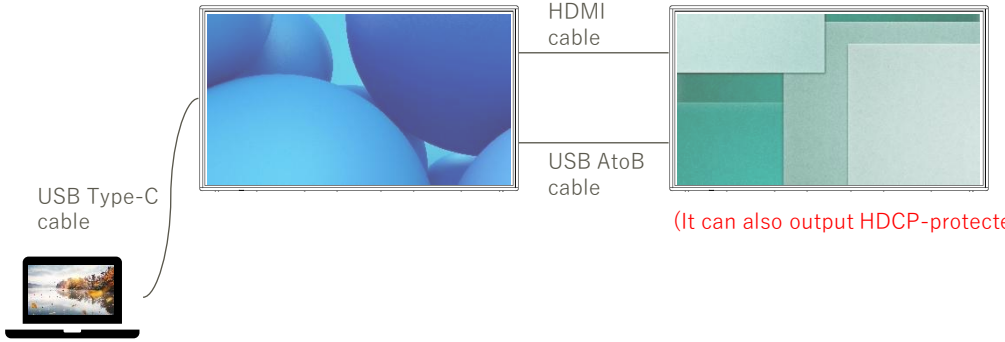
Output of the external input screen



If the input video is encrypted for copyright protection.

Daisy chain (extended display)

・When video input is connected to the USB Type-C port (for touch panels) in DP Alt Mode, the extended screen can be displayed on the connected device. (Daisy-chain connection)



(It can also output HDCP-protected signals)

※Cannot touch both displays simultaneously. You can touch them individually.

※This is not official DisplayPort daisy-chain connection. Operation is only guaranteed when connecting two PN-LBxx3 units.

※ Please note that the display resolution and refresh rate will vary depending on the specifications of your PC's USB Type-C port. Please use a USB Type-C cable that is compatible with your port's specifications.

PC's USB Type-C port	Displayable resolution and refresh rate
USB Type-C 3.2 Gen1	3,840×2,160 @30Hz ×2screens, or 3,840×2,160 @60Hz ×1screen + 1,920×1,080 @60Hz ×1screen
USB Type-C 3.2 Gen2	3,840×2,160 @60Hz ×2screens

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Other precautions

HDMI-CEC

This unit supports the CEC function, but the default setting for CEC is OFF. If you want to use it, please turn on the CEC setting from the setting menu.

Clock retention period

The date and time (clock) are retained by a capacitor inside the main unit, and the clock will stop if the main power is turned off for 14 days*.

*This is a guideline. It varies depending on the condition of the unit.

If the "automatic date and time" function is enabled, the clock will be automatically reset when connected to the network.

Continuous operating time

The product is designed for use up to 18 hours per day. Continuous use beyond 18 hours per day is not covered by the warranty.

Recommended PC

The recommended PC specifications are as follows:

-OS

Windows 11
macOS v14 or later
ChromeOS

-Has a USB port (2.0 compliant)

-When using a USB Type-C connection: The USB Type-C terminal must s support DP Alt 1.2

*If you are unsure about a specific PC, please contact the business department.

USB Type-C

The specifications for the USB Type-C port are as follows. Please connect and use it with a computer and cable that meet the specifications listed below.

・USB 3.2 Gen1
・DisplayPort 1.2/1.4 Alt Mode、HDCP supported
・USB Power Delivery 100W supported

* This model does not support Thunderbolt 3.
* We do not guarantee operation with all PCs and third-party peripherals (such as docks, adapters, and other devices).
* When using the optional board slot, the Power Delivery is 65W.
* Due to changing USB-C specifications, we cannot guarantee that all USB-C sources and third-party peripherals such as docks, adapters, and other equipment, will maintain a stable connection with the whiteboard.

built-in whiteboard

There is no function to automatically back up the drawing data of the built-in "whiteboard" periodically. Drawing data will be deleted when you close the software, so please save your drawing data to your device's internal memory or USB memory before closing the software.

The "Whiteboard" files saved in this series are not compatible with the "Whiteboard" files from PN-L862B/L752B/L652B and PN-LC862/LC752/LC652 or "SHARP PenSoftware" files. However, they are compatible with the "Whiteboard" files from PN-LM551/LM431.

Overlay board (Annotation)

The "Overlay Board" function allows you to draw text and lines on top of the image displayed on this device.

For inputs from the HDMI input terminal, USB Type-C terminal, or OPS, HDCP-compatible images will be displayed in gray (The video will not be displayed.)

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Other precautions

Cleaning the protective glass surface

- Gently wipe the screen (protective glass) surface with a soft cloth (such as a lens cleaner or gauze).
  Please be careful not to wipe with a hard cloth or rub vigorously, as this may scratch the surface.
- If dust accumulates on the screen (protective glass), please use a commercially available anti-static brush (dustproof brush).
- To protect the screen (protective glass), do not wipe it with a dusty cloth, a damp cloth, or a chemical cleaning cloth.
- Do not use a dirty cloth. This may cause scratches.

FW update

■Please ensure you are using the latest firmware.

There are two methods for updating the firmware:

1. Download the firmware to your PC using the SHARP Information Display Downloader.
   Copy the downloaded firmware to a USB drive and use that USB memory stick to perform the update.
   For instructions and precautions, please refer to the firmware update procedure manual that is downloaded along with the firmware using the SHARP Information Display Downloader.

   The Information Display Downloader can be downloaded from the following website:
   https://business.sharpusa.com/product-downloads (US)
   https://www.sharp.eu/download-centre (Europe/Asia/Pacific)

2. Firmware update method using the built-in "Updater" application on the touch display unit. (OTA update)
   An internet connection is required for the unit.
   For instructions and precautions, please refer to the unit's instruction manual (P44 Updating the Software (Updater)).

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Settings related to power (transition to standby mode)

【 Signal waiting 】

Setting : “Power Save” in “Power Save Settings” is on. When no signal.

＊1　USB power is ON or Auto, and USB connected.
＊2　USB power is OFF Auto, and USB no connected.
＊3　Reconnecting the HDMI/USB-C cable on the monitor, and detecting HDMI/USB-5V:
(If there is no video signal, it will return to the original standby state.)

setting	Quick Start	ON		OFF		
	USB Power	ON*1	OFF*2	ON*1	OFF*2	
	”Mode” in “Power Save Settings	-	-	-	Normal	Low Power
Signal waiting	Power status	SLEEP (about 22W)			Network Standby2 (about 22W)	Network Standby1 (2W or less)

Android：ON

LAN link signal detection / No LAN link signal

Video cable Reconnect *3 → ON

Standby (0.5W or less)

【 Standby 】

Remote control OFF / Main unit power button OFF / No operation OFF

＊1　USB power is ON or Auto, and USB connected.
＊2　USB power is OFF Auto, and USB no connected.

setting	Quick Start	ON		OFF		
	USB Power	ON*1	OFF*2	ON*1	OFF*2	
	”Mode” in “Power Save Settings	-	-	-	Normal	Low Power
Standby	Power status	SLEEP (about 22W)			Network Standby2 (about 22W)	Network Standby1 (2W or less)

Android：ON

LAN link signal detection / No LAN link signal

Standby (0.5W or less)

*Exception: In any of the following cases, the device will enter SLEEP regardless of the table above.
When “Auto Input Switch” is set to anything other than ‘None’
When “Refresh Mode” is set to anything other than “Off”

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Power status and functions

"Power Save" is on and no signal

Press the "Standby" button On the remote control. Or press the "Power" button On the main unit. Or no operation off

Power status		Power LED	Power consumption	Action						USB power supply	Back light
				Remote control	RS-232C	LAN	Video Signal	CEC	touch		
On mode (Power ON)		Blue lit	-	○	○	○	○	○	○	○*3	○
PMS (Signal waiting)	Sleep	Green flashing	Appr. 22W	○	○	○	↑ Shift to On-mode	○	△*1	○*3	-
	Network Standby2	Orange Lit	Appr. 22W	○	○	○	↑ Shift to On-mode	○	△*1	-	-
	Network Standby1	Orange flashing	＜2W	○	○	○ (Limited)	↑ Shift to NS2	-	-	-	-
	Normal Standby		＜0.5W	○	○	↑ Shift to NS1	↑ Shift to NS2	-	-	-	-
DC-OFF (Standby) *Schedule Reservation: Green ⇔ Orange flashing	Sleep	Red lit	Appr. 22W	○	○	○	-	-	*2	○*3	-
	Network Standby2		Appr. 22W	○	○	○	-	-	-	-	-
	Network Standby1		＜2W	○	○	○ (Limited)	-				-
	Normal Standby		＜0.5W	○	○	↑ Shift to NS1	-	-	-	-	-
Off mode(AC-Off)		-	0W	-	-	-	-	-	-	-	-

When a video signal is received, the system switches to On-mode.

When a cable is detected to be inserted into the video port, the system switches to network standby 2.

If a cable is connected to the LAN port, the system switches to network standby 1.

Quick Start ON or USB power ON

"Mode" in "Power Save Settings"
←Normal

←Low power

Quick Start ON or USB power ON

"Mode" in "Power Save Settings"
←Normal

←Low power

＊1 Touch signals are sent to the PC and application, but the PN-LB series (monitor) does not wake up.
The monitor will wake up when the PC receives the touch signal, wakes from sleep mode, and starts outputting video.
(Note that whether the PC wakes from sleep mode depends on the PC's sleep state. Also, some PC models may not wake up even when receiving a touch signal.)
＊2 Touch signals are sent to the PC and application, but the PN-LB series (monitor) does not wake up.
＊3 When USB power is on

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Other precautions

Picture Mode

In Picture Mode, you can set the video settings to suit your environment or customize them.

PICTURE MODE	PURPOSE	Backlight	Backlight Dimming	Video Black Level	White Balance	Hue	Contrast	Sharpness
NATIVE	Standard setting.	80	Off	50	Native	50	50	0
RETAIL	Bright, vivid colors ideal for advertising and branding.	90			Native			
CONFERENCING	Lower color temperature and optimized for natural human complexions.	30			Warm			
HIGHBRIGHT	Maximum backlight brightness with higher color temperature for brighter ambient environments.	100			Cold			
TRANSPORTATION	Maximum backlight brightness with high contrast to read text under all conditions.	100			Native		60	
DICOM sim.	Color setting for medical imaging.	100			Native		50	
CUSTOM	Custom setting.	70			Native		50	

- Red text indicates the default value for each item. (Equivalent to when Picture Mode is set to Native)
- If Picture Mode is set to HighBright, Transportation, or DICOM sim., “Backlight" will be set to 100.

Input at startup

This device does not have a setting to specify the input at startup. It will generally start with the last input. If you set “Auto Input Change” to “Custom Detect” and an input signal is present on the input set as the Custom Detect priority, it will switch to that input at startup.

To start up to HOME, set "HOME" in the startup app settings. The input will then switch to HOME at startup.

About “Custom Detect” in “Auto Input Change”

When an input signal set to priority 1/2/3 in “Custom Detect” is input, the input will forcibly switch to the input set in Custom Detect. Also, HOME will always be treated as having an input.

Example: Priority 1: HDMI 1

Priority 2: HOME

In the above scenario, if there is an input signal to HDMI1, the input will always switch to HDMI1. If there is no signal input to HDMI1, the input will always switch to HOME. (It is not possible to switch to other inputs.)

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