

newline
Z Pro Series
Interactive
Flat Panel
Display



newline Z Pro Series Interactive Flat Panel Display Instruction Manual

[Home](#) » [newline](#) » newline Z Pro Series Interactive Flat Panel Display Instruction Manual 

Contents

- 1 [newline Z Pro Series Interactive Flat Panel Display](#)
- 2 [Product Usage Instructions](#)
- 3 [FCC STATEMENT](#)
- 4 [Symbol Conventions](#)
- 5 [Safety Instruction](#)
- 6 [Parts and Functions](#)
- 7 [Remote Control](#)
- 8 [Installation Guide](#)
- 9 [Power On/Off](#)
- 10 [More Information](#)
- 11 [Documents / Resources](#)
 - 11.1 [References](#)

newline

newline Z Pro Series Interactive Flat Panel Display



Product Usage Instructions

Safety Instructions:

Before using the NEWLINE Z Pro Series Interactive Flat Panel Display, please read the following safety instructions:

- Do not try to repair the product on your own.
- Avoid spilling water or liquid on the product to prevent short circuits, fires, or electric shocks.
- Avoid walking on or hanging items on the product.
- Do not install the product in humid places or high-temperature environments.
- During transport, use the provided cartons and cushioning material to prevent damage.

Product Placement:

Place the NEWLINE Z Pro Series Interactive Flat Panel Display in a suitable location by following these guidelines:

- Avoid placing the product in humid areas like bathrooms, shower rooms, or outdoor environments exposed to harsh weather.
- Avoid high-temperature environments and direct sunlight exposure.
- Keep the product away from heat sources like radiators or stoves.
- Transport the product vertically to prevent damage to the screen or components.

Battery Usage:

If the product uses batteries, follow these guidelines:

- Use the correct type of battery recommended for the product.
- Install the battery correctly to avoid galvanic corrosion, electric leakage, or fire hazards.
- If the battery is damaged, contact the local distributor for repair or replacement.

Additional Tips:

For optimal usage and eye protection, consider the following:

- Use the product in an environment with comfortable lighting levels.
- Avoid watching the screen in overly bright or dark environments.
- Take breaks to relax your eyes periodically.
- Maintain a sufficient distance from the screen to prevent eye strain.
- Adjust the volume to an appropriate level, especially at night.

FAQ:

- **Q: Can I repair the product on my own?**

A: It is not recommended to repair the product on your own. Please consult a professional for assistance.

- **Q: What should I do if liquid spills on the product?**

A: If liquid spills on the product, immediately disconnect it from power and seek professional help to prevent any electrical hazards.

Welcome to the world of NEWLINE.

Thank you for choosing the NEWLINE Z Pro Series Interactive Flat Panel Display. Please use this document to get the most out of your screen.

FCC STATEMENT

This device complies with part 15 of the FCC Rules. Operation 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.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 the receiver.
- Connect the equipment to 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.

NOTE:




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

The symbol of the crossed-out wheeled bin indicates this product should not be placed in municipal waste. Instead, dispose of waste equipment by handing it over to a designated collection point for the recycling of electrical and electronic equipment.



Symbol Conventions

Symbols are used in this document to indicate operations that need particular attention. The symbols are defined as follows:

 NOTE	Provides additional information to supplement operation in the main text.
 CAUTION	Indicates a potentially hazardous situation that, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results.
 WARNING	Indicates a hazard with risk that, if not avoided, could result in death or injury.

Safety Instruction

For your safety, please read the following instructions before you use the product. Serious injury or property damage may be caused by improper operations. Do not try to repair the product on your own.

WARNING

Disconnect the product from the power supply immediately if major failures occur.

Major failures include the following:

If smoke, a peculiar smell, or an abnormal sound is discharged from the product.

No image or sound is displayed, or the image error occurs.

In the preceding scenarios, do not continue to use the product. Disconnect the power supply immediately and contact professional staff for troubleshooting.

Do not drop any liquids, metal, or anything combustible onto the product.

If any liquid or metal is dropped onto or into the product, power off the product and disconnect the power supply, then contact professional staff for solutions.

Pay attention to children when they are close to the product.

Put the product on a stable surface.

An unstable surface includes, and is not limited to an inclined plane, a shaky stand, desk or platform, that might cause the product to turnover and be damaged.

Do not open the panel or change the product on your own.

High-voltage components are installed in the product. When you open the panel, high voltage, electric shock, or other dangerous situations may occur.

If inspection, adjustment, or maintenance is required, contact the local distributor for help.

Use the provided power supply.

To prevent the product from being damaged, do not use any types of power cables other than the one provided with the product.

Use a three-wire socket and ensure that it is properly grounded.

Pull out the power plug from the socket if the product is not used for a long period.

Clean the power plug regularly.

Fire or electric shock may be caused if the product is powered on, while you are cleaning.

Pull out the power plug before cleaning it with a dried cloth.

Do not put items on the top of the product.

Do not put items, such as a container for liquid (a vase, flowerpot, cosmetics, or liquid medicine) on the top of the product.

If any water or liquid is spilled on the product, the product may short circuit and cause fire or electric shock.

Do not walk on or hang any items on the product.

Do not install the product in an improper place.

Do not install the product in humid places, such as the bathroom, the shower room, near windows, or outdoor environments that experience rain, snow or other harsh weather.

Avoid installation near hot spring vapor. The preceding environments may cause faults in the product or electric shock under extreme conditions.

Do not put an exposed fire source, such as a lit candle on the product.

Pull out the power supply during thunderstorms.

Do not touch the product during a lightning storm, you may experience an electric shock.

Install or place components that supply high enough voltage to cause personal injury out of the reach of children.

Do not touch the power cable with wet hands.

CAUTION

Do not install the product in high-temperature environments.

Do not install the product near a heat source, such as a radiator, a heat reservoir, a stove or other heating products.

Do not expose the product to direct sunlight, which may cause high temperatures and subsequent faults in the product.

When transporting the product:

Pack the product for transport or maintenance by using the cartons and cushioning material provided with the product.

Move the product vertically during transport. The screen or other components are easily broken if the product is moved improperly.

Before you move the product, disconnect all external connections and separate all topple-preventing products. Move the product carefully to prevent it from being hit or squeezed, especially the screen, which may cause injury if broken.

Do not cover or block up any vents on the product.

Any overheated components may cause fire, damage the product, and shorten the service life.

Do not lay the product down in a way where the venting surface will be covered.

Do not install the product on carpet or cloth.

Do not use a cloth such as a table cloth to cover the product.

Keep the product away from the radio.

The product complies with the international EMI standard to prevent radio interference. However, interference may still exist and cause noise in the radio. If noise occurs in the radio, try the following solutions.

Adjust the direction of the radio antenna to avoid interference from the product.

Keep the radio away from the product.

If the screen glass is broken or falls off.

Keep all personnel 10 feet away from the screen to ensure safety.

Do not perform any installation or disassembly while the screen glass is broken or has fallen off.

Use the battery correctly.

Galvanic corrosion, electric leakage, and even fire may be caused by improper battery usage.

It is recommended to use the designated type of battery and install the battery by the correct electrodes (positive and negative).

Do not install and use a new battery with a used one.

Take out the battery if the remote control is not used for a long period.

Do not expose the battery to overheated environments, such as sunlight and or heat sources.

Dispose of the used battery based on your local regulations.

Do not damage the power cable.

Do not damage, change, twist, bend, or forcibly drag the power cable.

Do not put weights (such as the product itself) on the power cable.

Do not forcibly drag the cable when you pull out the power plug. If the power cable is damaged, please contact the local distributor to repair or replace it.

The power cable in the accessory box is for this product only. Do not use it on other products.

Additional advice:

Use the product in an environment with comfortable lighting. It is harmful to your eyes to watch in a too-bright or too-dark environment.

Relax your eyes watching for some time.

Keep sufficient distance from the product to protect your eyes and prevent eyestrain.

Adjust the volume to an appropriate level, especially at night.

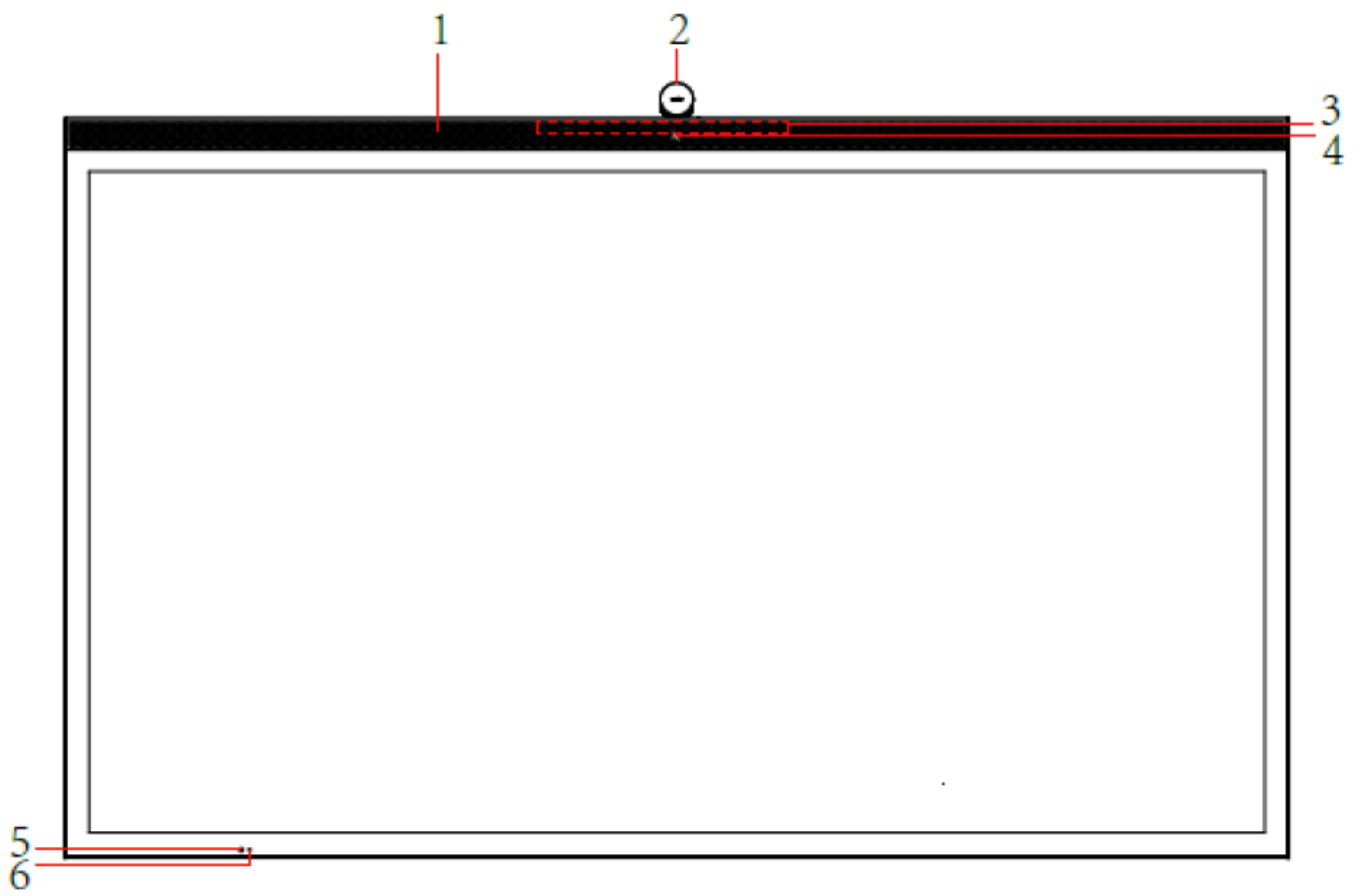
Use amplifier equipment as the audio input source with caution. If you must use amplifier equipment, the input power should not exceed the maximum of speaker power. Otherwise, the speaker can become overpowered and damaged.

About USB port.

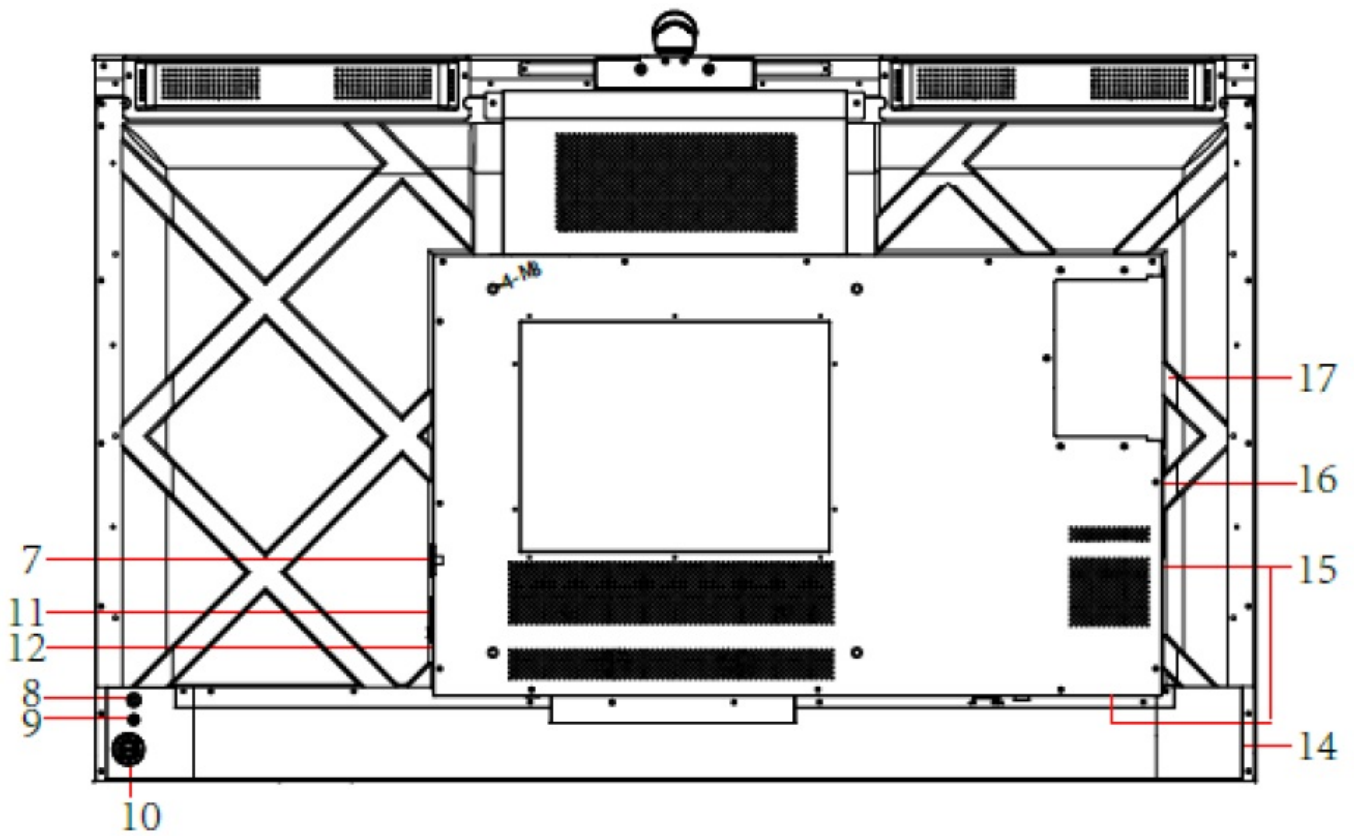
Rear USB 3.0/USB 2.0 ports switch connections based on signal sources. If the current signal source is reading the data from an external product connecting to the port, please switch the signal source after the data reading is complete. Otherwise, the data or product may be damaged.

Parts and Functions**Parts****Front View**

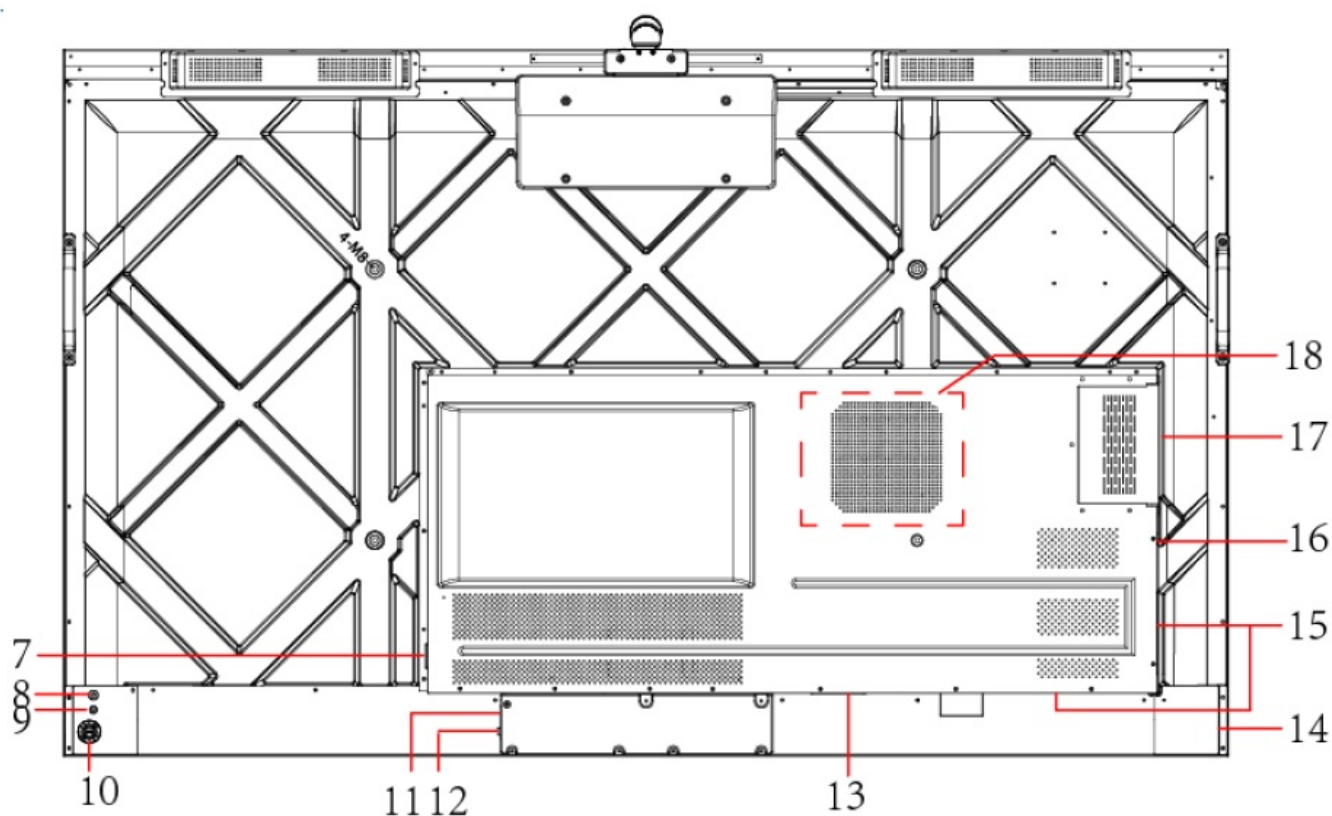
55"/65"/75"/86"



Rear View
55"



65"/75"/86"



1	Speakers	10	Rear Buttons
2	Camera(Optional)	11	Power Supply Plug
3	Microphone	12	Power Switch
4	Proximity Sensor	13	SDM-S Slot

5	Light Sensor	14	Rear Ports 1
6	Remote Control Receiver	15	Rear Ports 2
7	Power Output Plug	16	Wi-Fi Module Slot
8	Power Button	17	OPS Port
9	Return Button	18	Subwoofer

Note

- SDM-S is a Smart Display Module Small.
- The product images shown are for illustration purposes only and may not be an exact representation of the product.

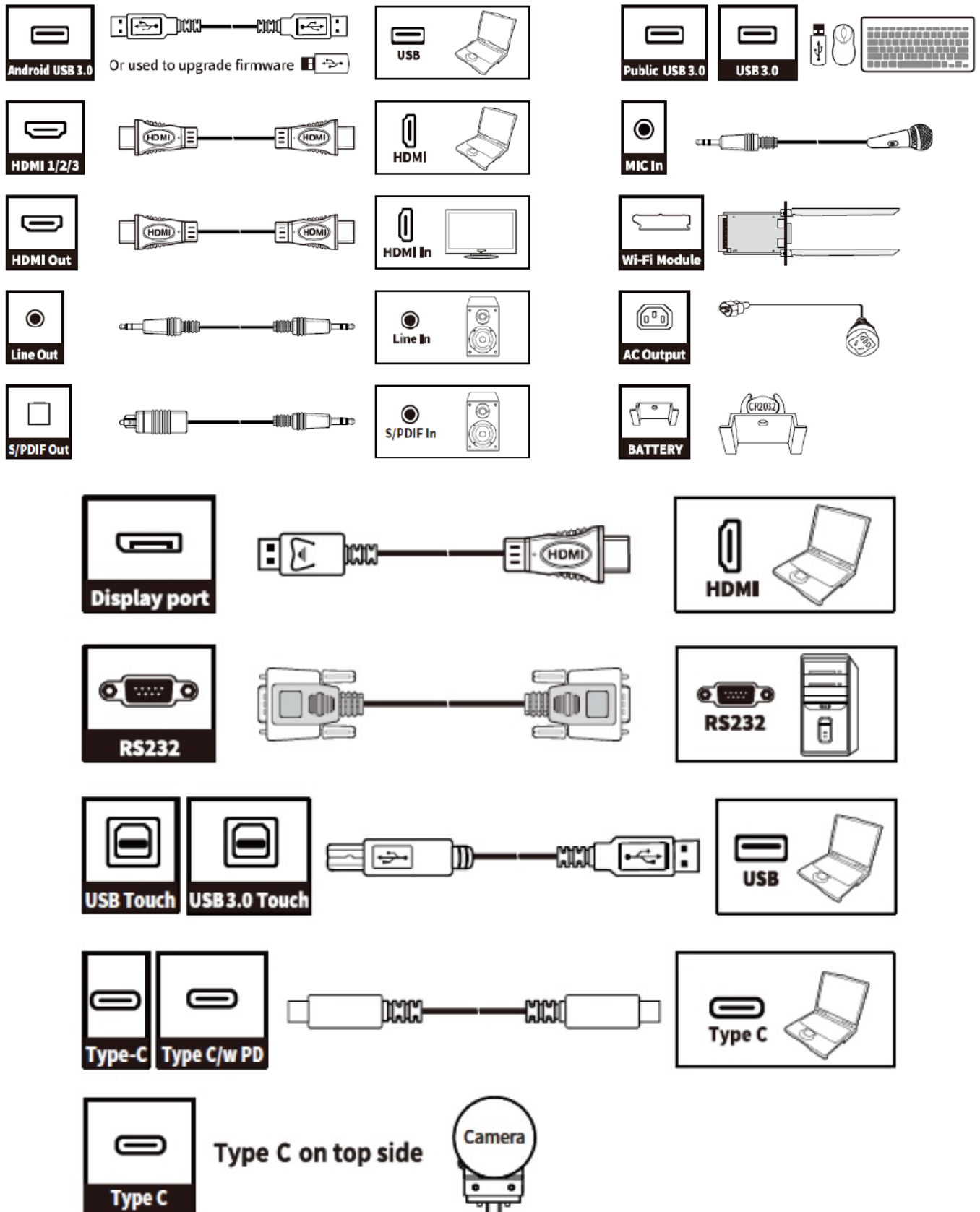
Ports

CAUTION

- Rear USB 3.0 ports switch connections based on signal sources. If the current signal source is reading the data from an external product connecting to the port, please switch the signal source after the data reading is

complete. Otherwise, the data or product may be damaged.

- For USB use, USB 3.0 provides up to 900mA of power. Please make sure the USB flash drive is formatted to FAT32 before inserting it into the panel.

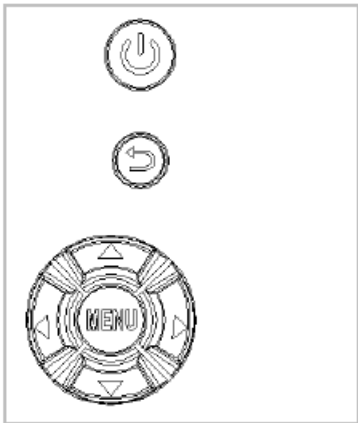


WARNING

The rear power output port supplies 180W (maximum) power. Please contact Newline to purchase the power AC adapter for powering external devices. Please do not connect any products which require more power than listed.

Doing so may cause injury or damage to the panel.

Rear Buttons



Buttons	Operations	Functions
	Short press	Power on Power off/ Sleep mode
	Short press	Back to the previous/Exit the application
	Long press for 5 seconds	Enable or disable the touch function. Notes: When the touch function is disabled, the Android system, external sources, and multi-user channels will be in no-touch mode. If you tap the screen, it will display “The touch function is locked!”.
	Long press	Increase the brightness continuously
	Long press	Decrease the brightness continuously
	Long press	Increase the volume continuously
	Long press	Decrease the volume continuously
MENU	Short press	Open the Quick Setting menu
	Long press for 5 seconds	Activate/Exit the power button Lock Function














NOTE

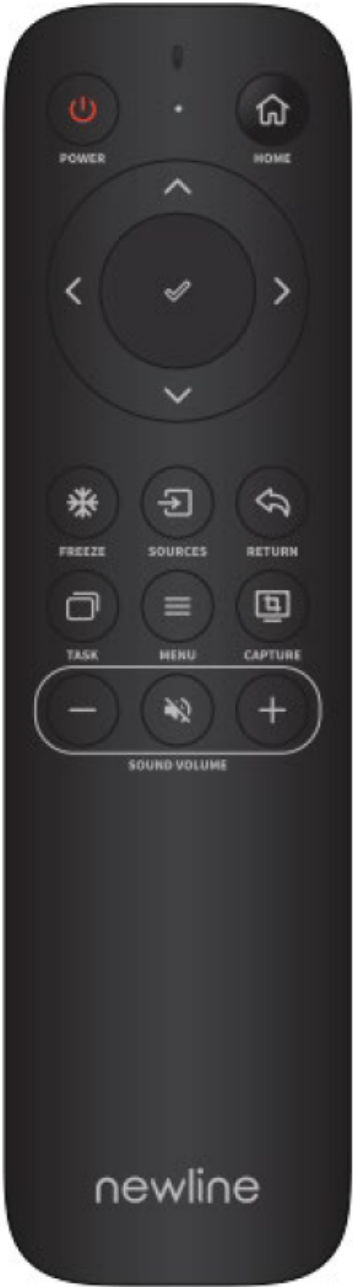
- When users press the power button, users can set the panel to enter shutdown or sleep mode in Settings > Power > Power Option menu.
- The power button will be locked if you activate the power button lock. Long press the MENU button for 5 seconds to exit the lock.
- Press on the remote control to enable or disable the touch function.

Remote Control

CAUTION

- Do not drop or damage the remote control.
- Do not spill water or other liquids on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control directly under sunlight or near a heat source.

Buttons	Operations
	Power On/Off
	Go to the Home Page
	Directional Pad
	Confirm/OK
	Press once to freeze the current screen. Press again to exit freeze function
	Enter the Source Selection Page
	Return to Previous/Exit
	App switcher
	<ul style="list-style-type: none">• Open the Quick Setting menu on the embedded operating system.• Open the menu in Windows system.
	Take a Screenshot
	Press once to decrease the volume, long press to decrease the volume continuously
	Mute/Unmute Audio
	Press once to increase the volume, long press to increase the volume continuously



Installation Guide

Safety Precautions

Installation Environment



Avoid Electric Shock



Avoid Strong Magnetic Field



Keep Temperature Below 120°F($\leq 50^{\circ}\text{C}$)



Keep Relative Humidity Under 70%



Keep Away From Combustible Vapors (gas leaks, etc.)



Avoid Any Corrosive Liquids



Do Not Use Outdoors



Do Not Install Tilted

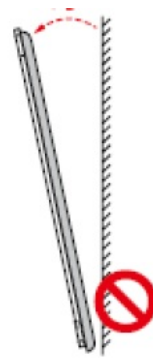
Installation Direction



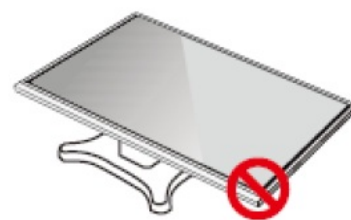
Hang the Product Horizontally



No Vertical Installation



Do Not Install Tilted



Do Not Lay Flat

Installation Precautions

Weight Loading

Weight of the panel:

- 55INCH: 61.7lb/ 28kg;
- 65INCH: 78.3lb/ 35.5kg;
- 75INCH: 103.6lb/ 47kg;
- 86INCH: 130lb/ 59kg.

1. When using a mobile stand, ensure that the weight of the product is less than the loading capacity of the mobile stand.
2. When using the wall-mount bracket, ensure that the wall can support the weight of the product. We recommend that the wall surface be reinforced and have a loading capacity 4 times of the weight of the product. Consult a professional installer for wall-mount installation.

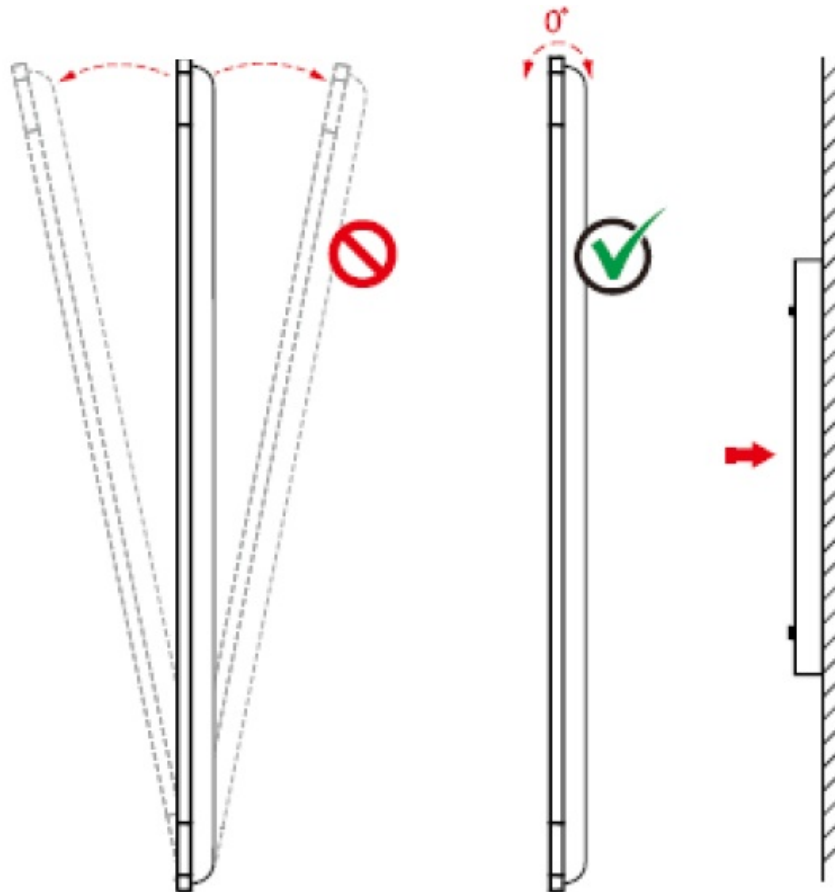
NOTE:

The company does not undertake relevant legal responsibility for any problems caused by improper operation, if the third-party mobile stand or wall-mount bracket is beyond the scope of the product.

- Do not install the product where it might be hit by an opening or closing door.

Vertical installation

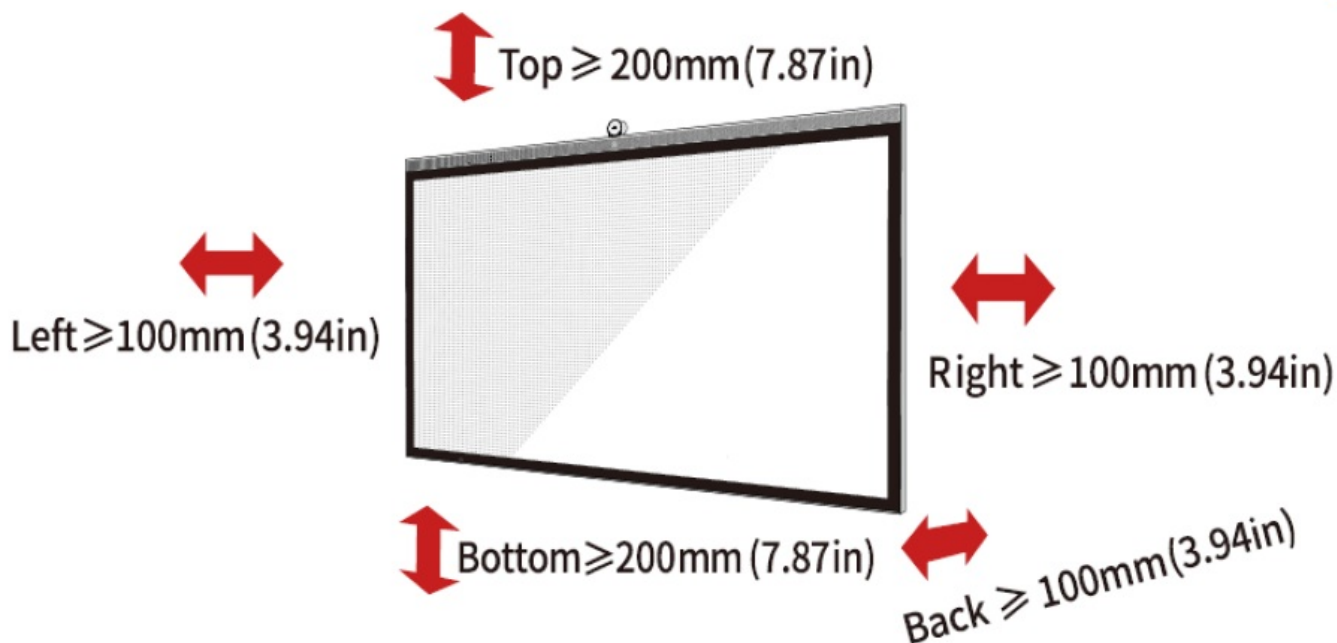
When installing the panel, try to keep the panel vertical. An excessive tilt angle may cause damage to the glass or other internal components.

**NOTE**

For any problem, please contact our support desk. Our company is not responsible for any damage or losses incurred by users if the users fail to follow the instructions.

Ventilation

Ensure adequate ventilation and/or an air-conditioned environment. We recommend keeping certain distances from the side of the product to the wall or panels. Ventilation requirements are shown in the following figure.



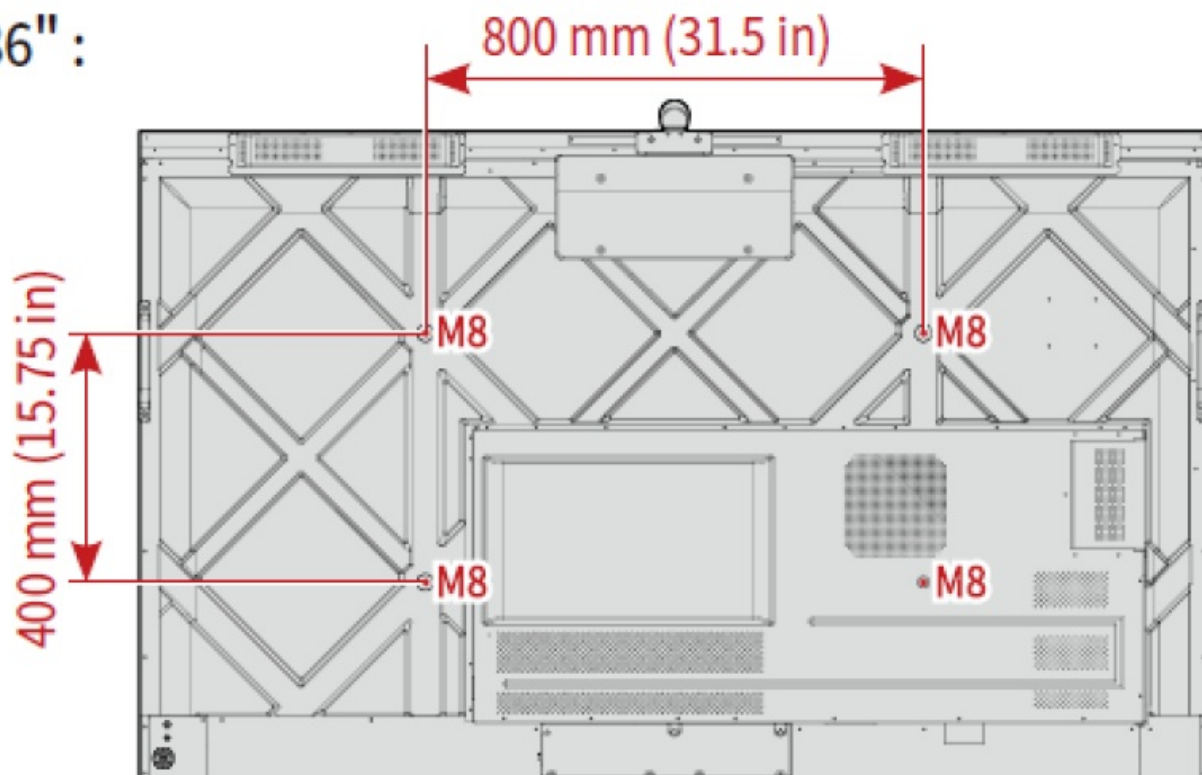
Installation

The dimensions of the four bracket mounting holes on the back panel are VESA MIS-F compliant (86INCH or 75INCH: 800 x 400 mm/31.50 x 15.75 in; 65INCH: 600 x 400 mm/23.62 x 15.75 in). Use metric M8 screws with a length of 10 mm to 15 mm (0.40 to 0.59 in) to secure the touch screen to the mounting system. Dimensions of the mounting holes on the back panel are shown in the following figure.

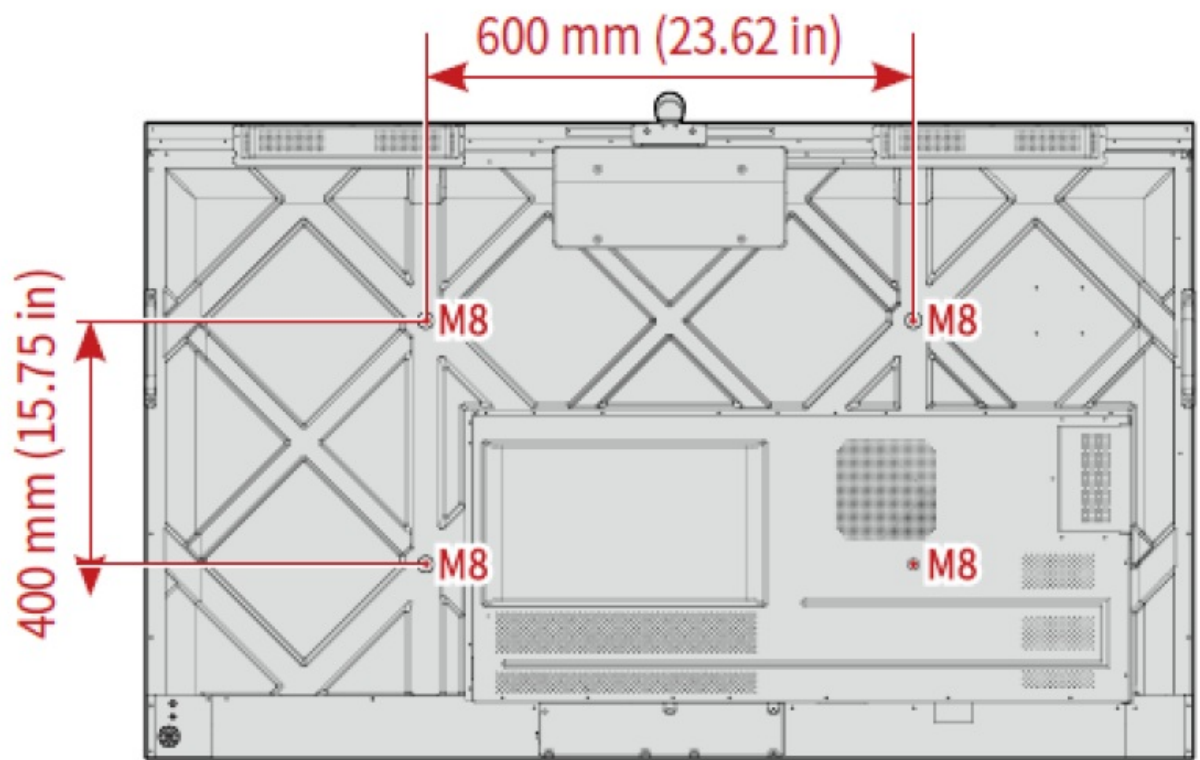
NOTE

Consult a professional installer to install the display product.

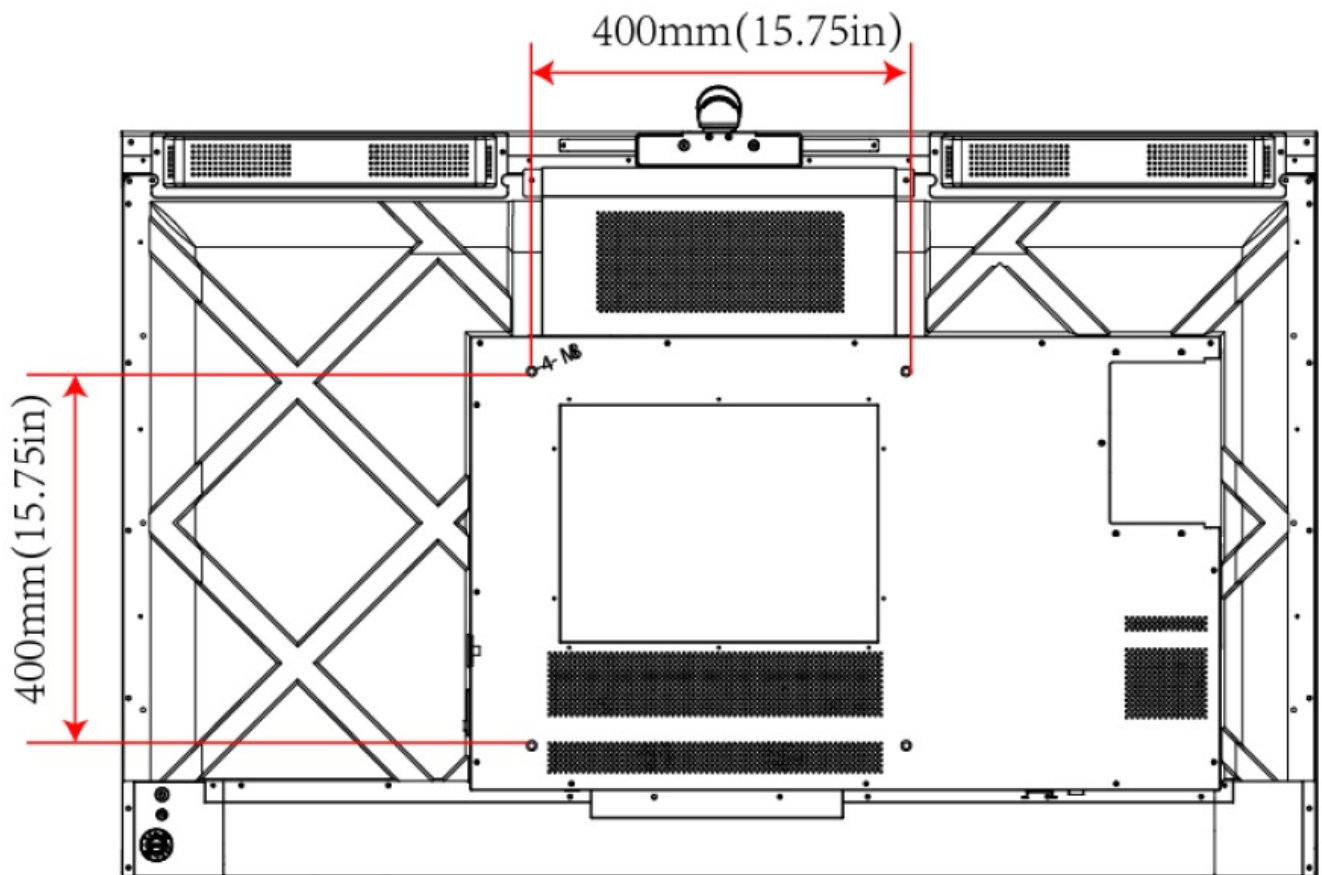
75"/86" :



65":



55"

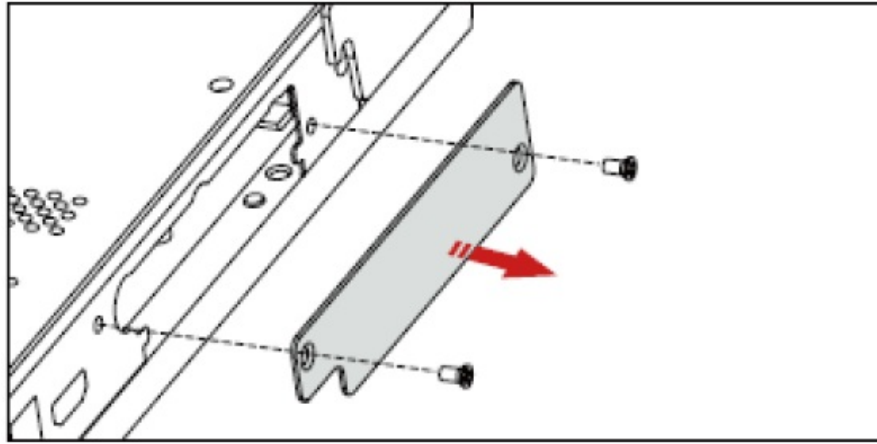


Installing the Wi-Fi Module

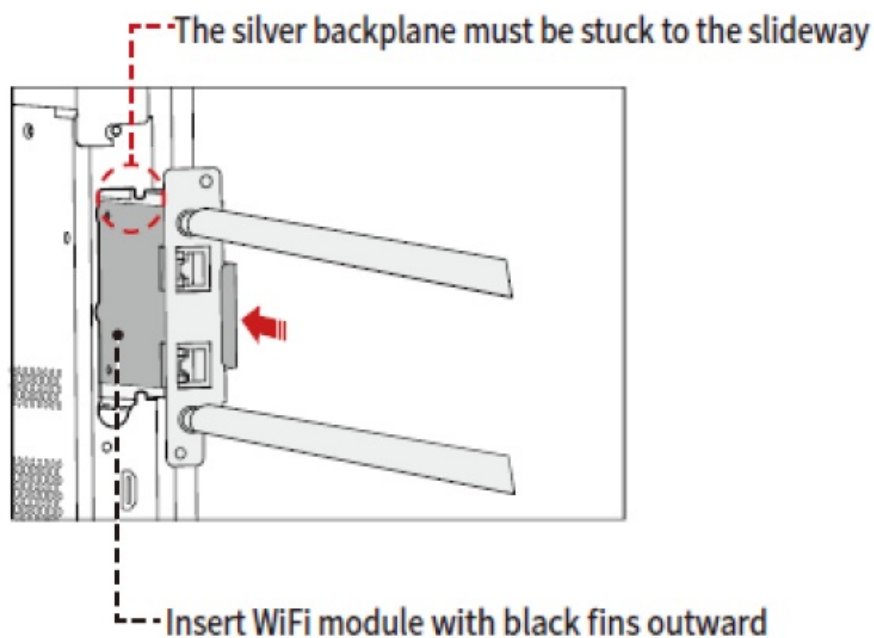
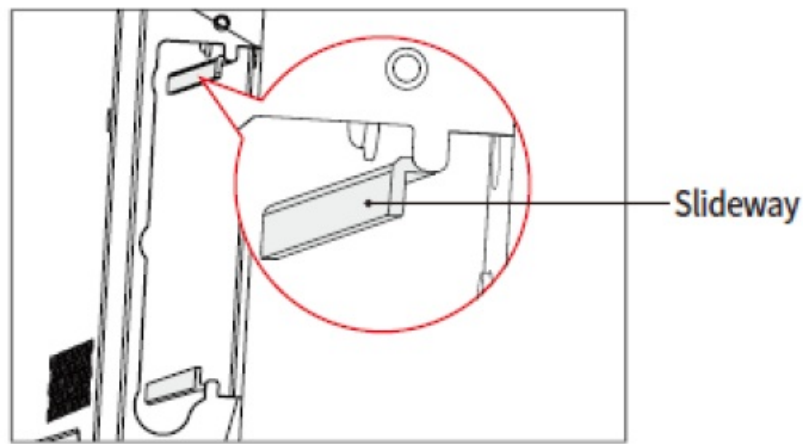
CAUTION

Wi-Fi Module does not support hot plugging. Therefore, you must insert or remove the Wi-Fi Module when the display is powered off. Otherwise, the panel display or Wi-Fi Module may be damaged. The Wi-Fi Module is put in accessory box with an independent package, please install it onto the panel referring to the following steps.

- Step 1 Unscrew the 2 screws on the Wi-Fi Module port and remove the shielding cover.

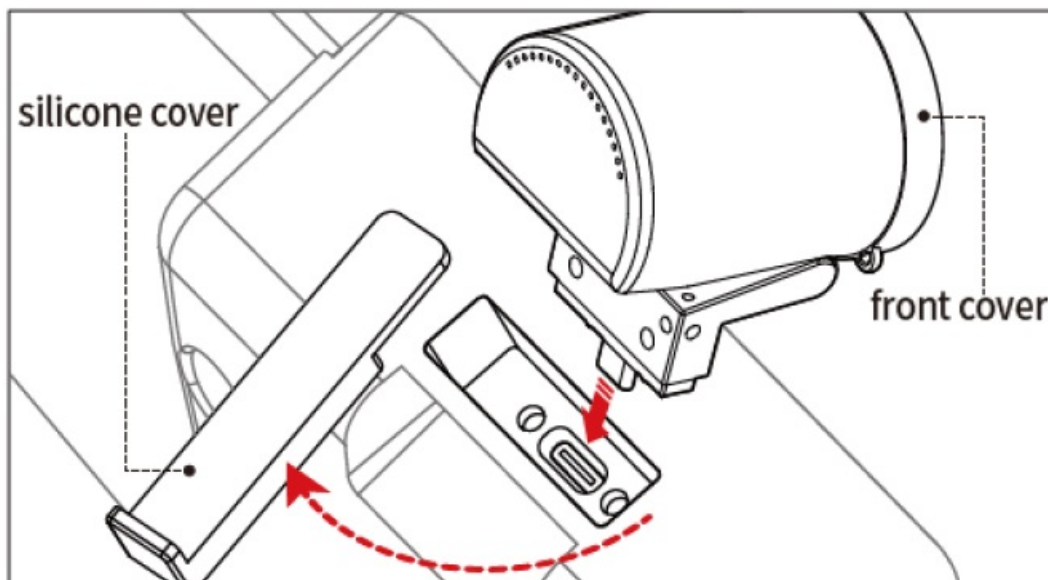


- Step 2 Insert the Wi-Fi Module into the port on the rear of the panel until firmly seated, using the 2 screws to secure it.



Installing the Camera(Optional)

- The camera is put in an accessory box with an independent package, please install it onto the panel referring to the following steps. Use the two screws along with a camera to fix it.
- Remove the silicone cover from the middle port on the top of the panel display, then insert the camera. Install 2 fixing screws for secure purposes. Remove the front cover and start using it.

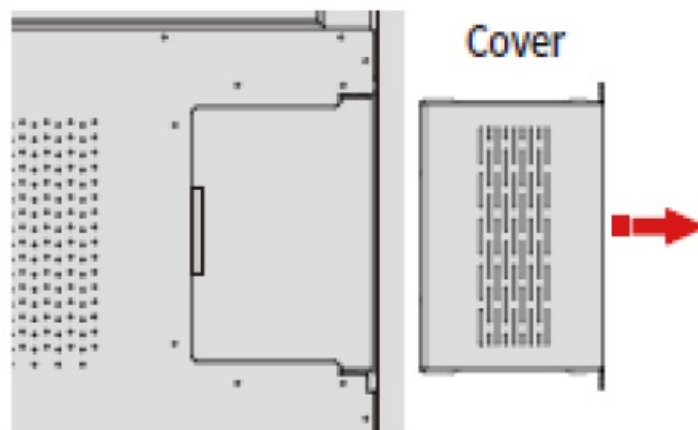


Installing the OPS (Optional)

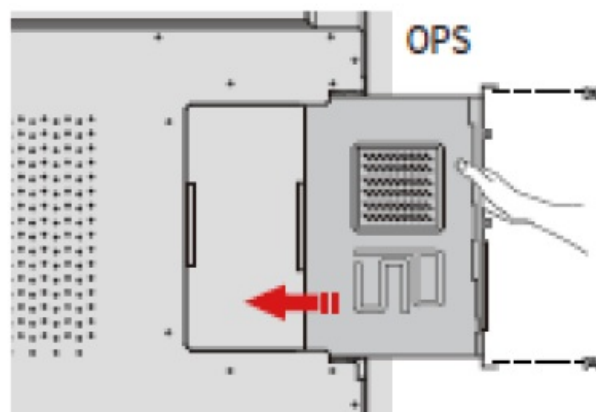
CAUTION

The OPS does not support hot plugging. Therefore, you must insert or remove the OPS when the display is powered off. Otherwise, the display or OPS may be damaged. You will need to purchase the OPS separately. Perform the following steps to install the OPS.

- Step 1 Unscrew the M4 screws by hand to remove the OPS protective cover.



- Step 2 Push the OPS into the OPS port on the rear of the panel until firmly seated, using the M4 screws to secure the OPS.

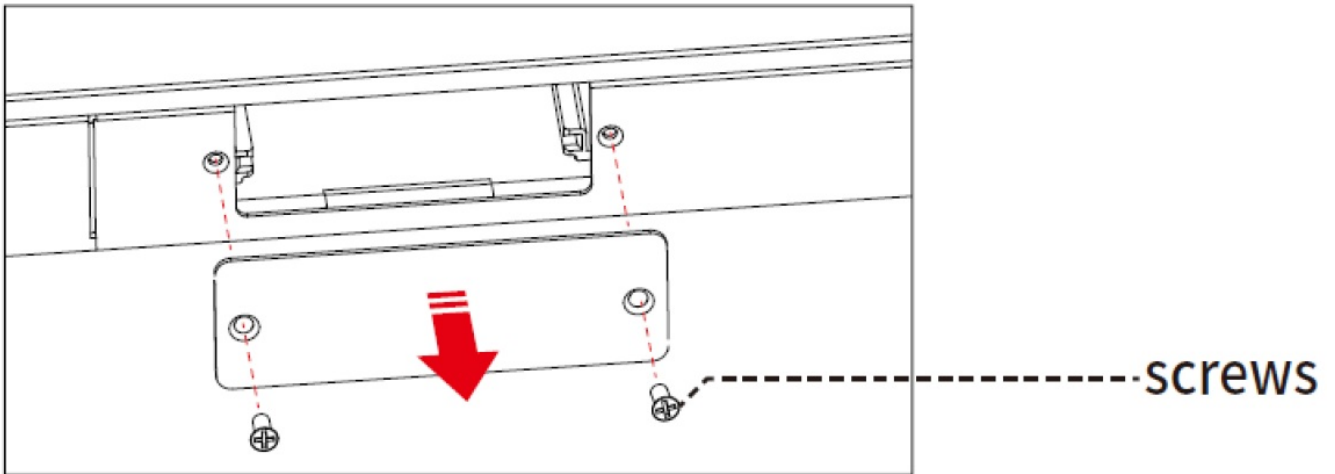


Installing the SDM-S (Not included)

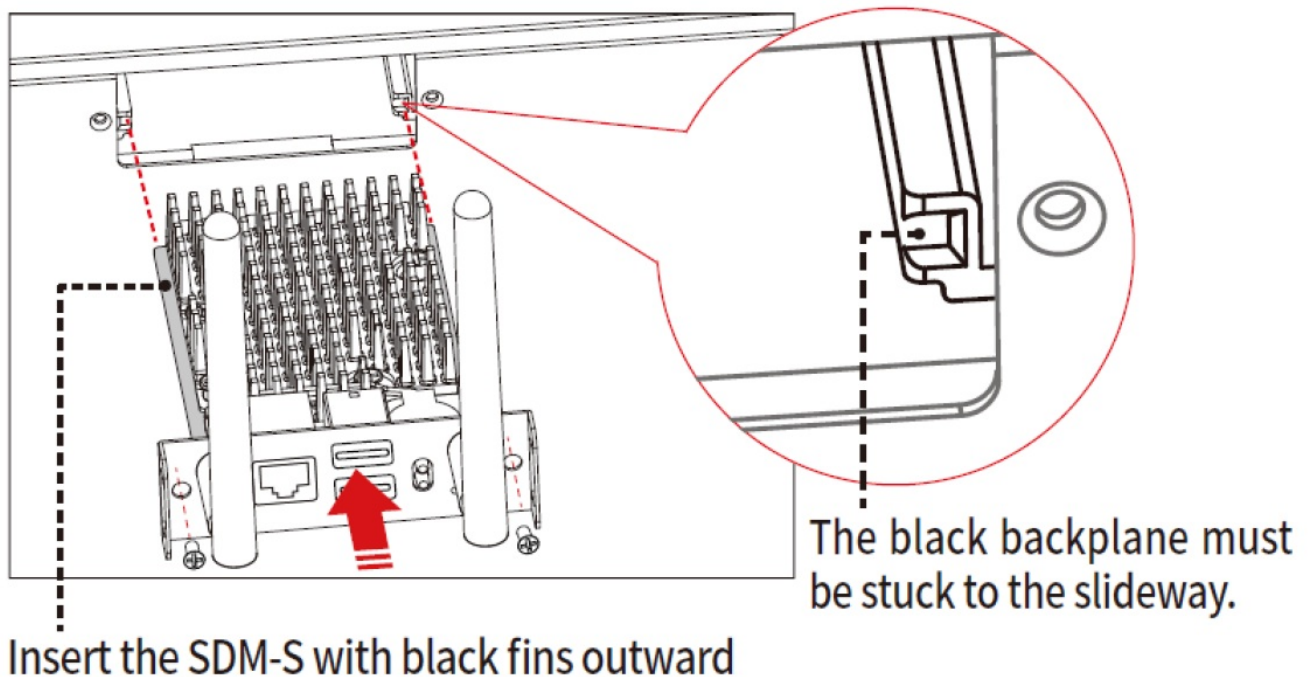
CAUTION

The SDM-S does not support hot plugging. Therefore, you must insert or remove the SDM-S when the display is powered off. Otherwise, the display or SDM-S may be damaged. Currently, we don't provide SDM-S, but if you have an SDM-S to use, please install referring to the following steps.

- Step 1 Unscrew the 2 screws on the SDM-S slot and remove the shielding cover.



- Step 2 Insert the SDM-S into the port on the rear of the panel until firmly seated, using the 2 screws to secure it.



NOTE

Please install SDM-S first before you hang the panel on the wall.

Power On/Off

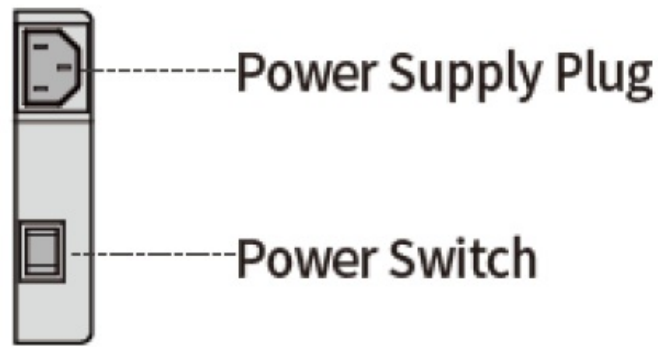
Power On



- Step 1 Ensure the power cable is fully seated into the panel and wall outlet before powering on the panel.
Please confirm your wall outlet supports a power range of 100V to 240V with frequency at 50 Hz/60 Hz \pm 5% and is fully grounded.

NOTE



The power outlet should be installed near the equipment and should be easily accessible.

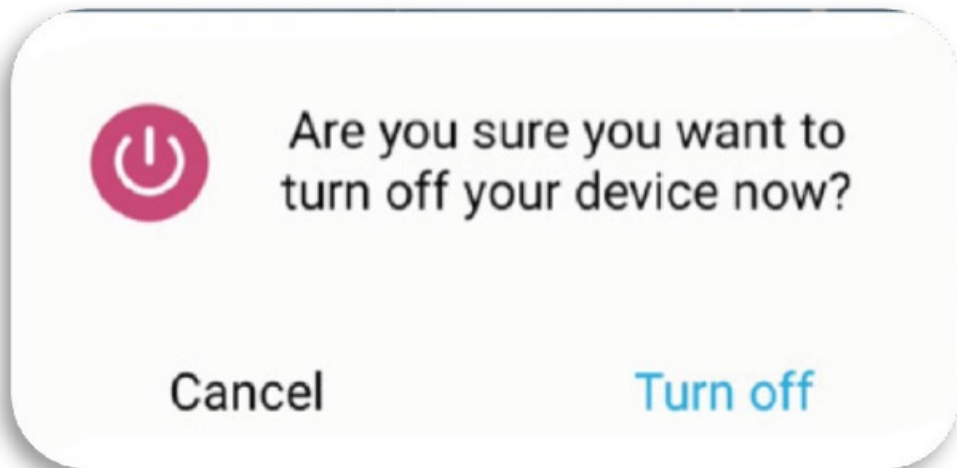
- Step 2 Flip the power switch located on the side of the product to “I”.



- Step 3 Press the power button  on the back panel or  on the remote control.

Power Off

- Step 1 Press the power button  on the back panel or the power button  on the remote control and a Warning dialog box will be displayed as shown in the following figure.



- Step 2 In the Warning dialog box, tap Cancel to return to working mode. Tap Turn off to turn off the display, and the power indicator will turn to red.
- Step 3 If you want to completely turn off the panel, turn off the rocker switch behind the panel (next to the power socket) and unplug the power cord.

NOTE

When the panel display is shut down, the system will first detect whether the OPS Computer is turned off. If not, the system will first turn off the computer before shutdown.

- Please properly shut down the panel before disconnecting the power source or it may cause damage. An accidental power failure may cause damage to the panel.
- Do not repeatedly turn the power on & off in a short period as it may cause malfunction.

More Information

• For More Information

Please visit our website (<https://newline-interactive.com>) and select your regional website. Once there,

navigate to the Support section and click on Downloads. Choose Z Pro Series to download the User Manual for detailed instructions.

- **Contact Us for Support**

Please directly contact the support team within your region.

- **USA**

- **Hotline:** +1 833 469 9520
- **Email:** support@newline-interactive.com

- **EMEA**

- **Hotline:** +34 91 804 31 79 / +34 680 677 828
- **Email:** support_eu@newline-interactive.com

- **APAC**


- **Hotline:** +886 3 550 4768
- **Email:** info_ap@newline-interactive.com

- **INDIA**

- **Hotline:** 1800-419-0309
- **Email:** info.in@newline-interactive.com

The company is committed to product updates and technical improvements. The technical parameters and specifications are subject to change without prior notice. The pictures in this manual are for reference only.

Documents / Resources

	newline Z Pro Series Interactive Flat Panel Display [pdf] Instruction Manual Z Pro Series Interactive Flat Panel Display, Z Pro Series, Interactive Flat Panel Display, Flat Panel Display, Panel Display, Display
---	---

References

- ✓ [Interactive - The Power of Communication - Interactive - The Power of Communication](#)
- [N Newline - Global Leader in Interactive Displays](#)
- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.