User Manual

Planar Simplicity E Series

SLE43
SLE50
SLE55
SLE65
SLE75
SLE86
SLE98

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Software update support for cyber security and other product issues is provided at minimum for the same period of time as the product warranty period. To find the latest warranty and service information regarding your Planar product, please visit http://www.planar.com/support

RoHS Compliance Statement

The Planar Simplicity E Series is fully RoHS compliant.

Part Number: 020-1451-00A

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Introduction

The Planar® Simplicity™ E Series is a line of 43", 50", 55", 65", 75", 86" and 98" 4K resolution (3840 x 2160) LCD displays with 500-nit brightness, embedded Wi-Fi and BlueTooth. Designed and warranted for 24x7 usage, the displays offer 4K at 60Hz streaming, media playback, a sleek design and commercial functionality at an extremely affordable price point.

Featuring an elegant design and slim profile, the Planar Simplicity E Series is the ideal display solution for digital signage applications in in houses of worship, community colleges, trade schools, retail stores and corporate meeting areas.

Designed for commercial installations, Planar Simplicity E Series comes standard with a full array of connectivity and external control, including support for native 4K resolution at up to 60Hz, enabling smooth motion video and mouse tracking.

Features of the Planar Simplicity E Series displays include:

- 43", 50", 55", 65", 75", 86" and 98" 4K LCD displays
- 500-nit brightness
- Embedded Wi-Fi and BlueTooth—built-in antenna
- 24x7 usage

Caution: This manual is intended for use by qualified service persons and end users with experience installing LCD displays.

1. Safety Information

Before using the Planar Simplicity E Series, please read this manual thoroughly to help protect against damage to property, and to ensure personnel safety.

- Be sure to observe the following instructions.
- For your safety, be sure to observe ALL the warnings detailed in this manual.
- For installation or adjustment, please follow this manual's instructions, and refer all servicing to qualified service personnel.

2. Safety Precautions

- **If water is spilled or objects are dropped inside the display, remove the power plug from the outlet immediately.** Failure to do so may result in fire or electrical shock. Contact your dealer for inspection.

- **If the display is dropped or the chassis is damaged, remove the power plug from the outlet immediately.** Failure to do so may result in fire or electrical shock. Contact your dealer for inspection.

WARNING! Wall mounts must be secure.

- **If the display is hung on a wall, the wall must be strong enough to hold it.** Simply mounting it to wallboard or wall paneling won't be adequate or safe.

Caution: The screen could be damaged by heavy pressure.

- **Slight pressure on the LCD will cause distortion of the image**. Heavier pressure will cause permanent damage. Displays should be mounted where viewers cannot touch the screen or insert small objects in the openings that will create hazards by contacting bare conductive parts.

Caution: The front polarizer is soft and subject to scratches from sharp objects.

- **The polarizer is a thin sheet of film laminated to the outside layer of glass on the LCD screen**. Take care when handling items near the screen.
- **If the power cord or plug is damaged or becomes hot, turn off the main power switch of the display. Make sure the power plug has cooled down and remove the power plug from the outlet**. If the display is still used in this condition, it may cause a fire or an electrical shock. Contact your dealer for a replacement.

2.1 Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use the display near water.
6. Clean the LCD screens with an LCD screen cleaner or LCD wipes.
7. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.
9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from any Planar large format LCD display.
10. Only use the attachments/accessories specified by the manufacturer.
11. Unplug all displays during lightning storms or when unused for long periods of time.
12. In instances where a power surge has occurred and a display no longer has an image, the display power will need to be reset.
13. You must follow all National Electrical Code regulations. In addition, be aware of local codes and ordinances when installing your system.
14. Refer all servicing to qualified service personnel. Servicing is required when any of the displays have been damaged in any way, such as the AC power cord or plug is damaged, liquid has been spilled or objects have fallen into a product, the products have been exposed to rain or moisture, do not operate normally or have been dropped.
15. Keep the packing material in case the equipment should ever need to be shipped.
16. Wall mounts must be secure. The wall must be strong enough to hold displays brackets, cables and accessories. Seismic engineers should be consulted in areas prone to earthquakes.
17. **Caution:** There is a risk of explosion if the battery is replaced with an incorrect type. Dispose of used batteries in accordance with local regulations.
18. Slight pressure on the LCD will cause distortion of the image. Heavier pressure will cause permanent damage. Displays should be mounted where viewers cannot touch the screen or insert small objects in the openings that will create hazards by contacting bare conductive parts.
19. The front polarizer is soft and subject to scratches from sharp objects. The polarizer is a thin sheet of film laminated to the outside layer of glass on the LCD screen. Take care when handling items near the screen.

20. USB Media play function may need to be restarted after ESD discharge to back of display.

2.2 Informations sur la sécurité

Avant d'utiliser le Série Planar Simplicity E, veuillez lire attentivement ce manuel pour éviter tout dommage matériel et assurer la sécurité du personnel.

- Assurez-vous de respecter les instructions suivantes.
- Pour votre sécurité, veuillez respecter TOUS les avertissements détaillés dans ce manuel.
- Pour l'installation ou le réglage, suivez les instructions de ce manuel et confiez
- l'entretien à un personnel qualifié.

2.3 Précautions de sécurité

- **Si de l'eau est renversée ou si des objets sont tombés à l'intérieur de l'écran, débranchez immédiatement la fiche d'alimentation de la prise.** Le non-respect de cette consigne peut entraîner un incendie ou une électrocution. Contactez votre revendeur pour qu'il procède à une inspection.
- **Si l'écran est tombé ou si le châssis est endommagé, débranchez immédiatement la fiche d'alimentation de la prise.** Le non-respect de cette consigne peut entraîner un incendie ou une électrocution. Contactez votre revendeur pour qu'il procède à une inspection.

AVERTISSEMENT! Les supports muraux doivent être sécurisés.

- **Si l'écran est accroché à un mur, celui-ci doit être suffisamment solide pour le supporter.** Un simple montage sur une plaque de plâtre ou un panneau mural n'est ni suffisant ni sécuritaire.

Attention : Pour le modèle non tactile :

- Le polariseur avant du modèle SLExx non tactile est souple et peut être rayé par des objets pointus.
- Une légère pression sur l'écran LCD du modèle SLExx non tactile entraînera une distorsion de l'image. Une pression plus forte causera des dommages permanents.

Attention : Pour tous les modèles SLExx :

- Les écrans doivent être montés de manière à ce que les spectateurs ne puissent pas insérer de petits objets dans les ouvertures, ce qui créerait des dangers en touchant des pièces conductrices nues.
- Si le cordon d'alimentation ou la fiche est endommagé(e) ou devient chaud(e), éteignez l'interrupteur principal de l'écran. Assurez-vous que la fiche d'alimentation a refroidi et retirez-la de la prise de courant. Si vous continuez à utiliser l'écran dans cet état, vous risquez de provoquer un incendie ou une électrocution. Contactez votre revendeur pour un remplacement.

2.4 Consignes de sécurité importantes

1. Lisez ces consignes.
2. Conservez ces consignes.
3. Tenez compte de tous les avertissements.
4. Suivez toutes les consignes.
5. N'utilisez pas l'écran près de l'eau.
6. Nettoyez les écrans LCD avec un nettoyant ou des lingettes prévus pour ce type d'appareil.
7. N'installez pas l'appareil près de sources de chaleur telles que radiateurs, bouches de chaleur, poêles ou autres appareils (y compris les amplificateurs) qui produisent de la chaleur.
8. Ne neutralisez pas le dispositif de sécurité de la fiche polarisée ou de mise à la terre. Une fiche polarisée possède deux lames, l'une plus large que l'autre. Une fiche de mise à la terre a deux lames et une troisième broche de mise à la terre. La lame large ou la troisième broche est prévue pour votre sécurité. Si la fiche fournie ne rentre pas dans votre prise, consultez un électricien pour remplacer la prise obsolète.
9. Protégez le cordon d'alimentation contre les piétinements et les pincements, en particulier au niveau des fiches, des prises de courant et du point de sortie de tout écran LCD grand format de Planar.
10. Utilisez uniquement les accessoires spécifiés par le fabricant.
11. Débranchez tous les écrans pendant les orages ou lorsque vous ne les utilisez pas pendant de longues périodes.
12. Dans les cas où une surtension s'est produite et qu'un écran n'a plus d'image, il faudra réinitialiser l'alimentation de l'écran.
13. Vous devez respecter toutes les règles du Code national de l'électricité. De plus, tenez compte des codes et des règlements locaux lors de l'installation de votre système.
14. Confiez toute réparation à un personnel qualifié. Une réparation est nécessaire lorsque l'un des écrans a été endommagé de quelque manière que ce soit. Par exemple, si le cordon ou la fiche d'alimentation CA est endommagé(e), si du liquide a été renversé ou si des objets sont tombés dans un écran, si les écrans ont été exposés à la pluie ou à l'humidité, s'ils ne fonctionnent pas normalement ou s'ils ont été échappés.
15. Conservez le matériel d'emballage au cas où l'équipement devrait être expédié.
16. Les supports muraux doivent être sécurisés. Le mur doit être suffisamment solide pour supporter les supports, les câbles et les accessoires des écrans. Des ingénieurs sismiques devraient être consultés dans les zones sujettes aux tremblements de terre.

17. **Attention :** Il existe un risque d'explosion si la pile est remplacée par un type incorrect. Éliminez les piles usagées conformément aux règlements locaux.
18. Une légère pression sur l'écran LCD entraînera une distorsion de l'image. Une pression plus forte causera des dommages permanents. Les écrans doivent être montés là où les spectateurs ne peuvent pas toucher l'écran ou insérer de petits objets dans les ouvertures qui créeront des dangers en entrant en contact avec des pièces conductrices nues.
19. Le polariseur avant est souple et sujet aux rayures causées par des objets pointus. Le polariseur est une fine feuille de film laminée sur la couche extérieure de verre de l'écran LCD. Soyez prudent lorsque vous manipulez des objets près de l'écran.
20. Il peut être nécessaire de redémarrer la fonction de lecture multimédia USB après une décharge ESD à l'arrière de l'écran.

3. Recommended Usage

In order to get the most out of your LCD, use the following recommended guidelines to optimize the display.

3.1 Burn-In Versus Temporary Image Retention

Burn-in causes the screen to retain an image essentially forever, with little or no way to correct the problem. Under normal use, an LCD will not experience burn-in, as plasma displays do, nor will it retain images in any way.

Normal use of an LCD is defined as displaying continuously changing video patterns or images. However, LCDs can experience *temporary* image retention when recommended usage guidelines are not followed.

What is Temporary Image Retention?

Temporary image retention (TIR) can occur when a static image is displayed continuously for extended periods of time (12 hours or longer). An electrical charge differential may build up between the electrodes of the liquid crystal, which causes a negative-color video image (color-inverted and brightness-inverted version of the previous image) to be retained when a new image is displayed. This behavior is true for any LCD device from any LCD manufacturer.

TIR is not covered under warranty. See standard warranty terms and conditions for details. Here are some guidelines to help you avoid TIR:

- Use the LCD to show a screen saver, moving images or still pictures that change regularly. When using high-contrast images, reposition the images frequently.
- Turn off the LCD when it is not in use. To use your source computer's Power Options Properties, set up your computer to turn off the display when not in use.

3.2 Warranty Coverage

The following models are warranted for **24 x 7** usage:

- 43": SLE43
- 50": SLE50
- 55": SLE55
- 65": SLE65
- 75": SLE75
- 86": SLE86
- 98": SLE98

Planar recommends turning off the power for **4 hours per day** for optimal performance.

For complete warranty details, please visit www.planar.com/warranty.

3.3 Important Waste Disposal Information

Please recycle or dispose of all electronic waste in accordance with local, state, and federal laws. Additional resources can be found online at http://www.planar.com/about/green/.

The crossed-out wheelie bin symbol is to notify consumers in areas subject to Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EU that the product was placed on the market after August 13, 2005 and must not be disposed of with other waste. Separate collection and recycling of electronic waste at the time of disposal ensures that it is recycled in a manner that minimizes impacts to human health and the environment. For more information about the proper disposal of electronic waste, please contact your local authority, your household waste disposal service, or the seller from whom you purchased the product.

3.4 Normal Usage Guidelines

Normal use of the LCD is defined as operating in the open air to prevent heat buildup, and without direct or indirect heat sources such as lighting fixtures, heating ducts, or direct sunlight that can cause the modules to experience high operating temperatures. For all modules, do not block fans or ventilation openings. If the LCD module will be installed in a recessed area with an LCD surround or enclosure, ensure adequate openings are applied for proper air flow and ventilation.

At 3000 meters or below, the maximum ambient operating temperature for the LCD module cannot be above 40º C nor below the minimum ambient operating temperature of 0º C. If one of these conditions exists, it is up to the installer to ensure that module placement is changed, thermal shielding is provided and/or additional ventilation is provided to keep the display within its nominal operating parameters.

Cooling Requirements

For optimal performance, active cooling by the installer should be planned for when the ambient temperature at the top of the wall is predicted to be above the specified ambient temperature for the panel. Cooling may be done behind the displays and depending on the wall configuration.

3.5 European Product Database for Energy Labeling (EPREL)

Registration numbers:

- SLE43: 2570460
- SLE50: 2570461
- SLE55: 2570462
- SLE65: 2570463

3.6 ENERGY STAR Certified

ENERGY STAR is a program run by the U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE) that promotes energy efficiency.

The following products qualify for ENERGY STAR in the factory default settings:

- SLE43
- SLE50
- SLE55
- SLE65
- SLE75
- SLE86
- SLE98

The factory default settings are those in which power savings will be achieved. Changing the factory default picture settings or enabling other features will increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR rating.

For more information on the ENERGY STAR program, refer to energystar.gov.

4. VESA Mounts

VESA mounts are used to secure the Planar Simplicity E Series display. A mount ships in each carton. Or the display can be installed using a variety of VESA mounts available through Planar. Both the mount that ships in the carton and mounts purchased from Planar include all required hardware and installation manual. Follow these instructions carefully.

Caution: Shorter screws will result in insufficient mounting strength and longer screws could puncture parts inside the display. The device may fall, causing serious personal injury or death. To prevent injury, this device must be securely attached to the wall in accordance with the installation instructions supplied with the mount. The mount must be secured to the Planar Simplicity E Series display as noted below:

Applicable Models	Mounting Notes
SLE43 | SLE50 | SLE55	Four M6-1.0 VESA mounting locations. 8mm - 10mm thread engagement is required for secure mounting.
SLE65 | SLE75 | SLE86 | SLE98	Four M8-1.25 VESA mounting locations. 10mm - 15mm thread engagement is required for secure mounting

Select the correct screw/spacer combination for the mount.

- Prior to installation, make sure you know where all of the mounting points are located.
- Follow all safety precautions outlined in the VESA Installation manual.
- Verify the parts received with the list shown in the VESA Installation manual.

5. Cleaning the Display

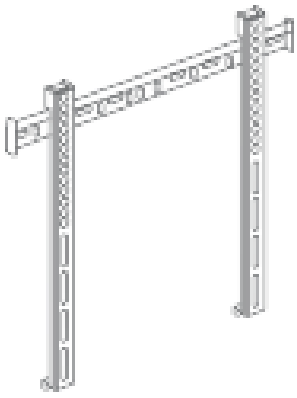
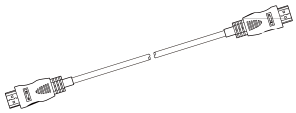
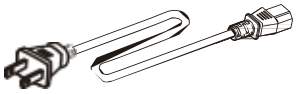
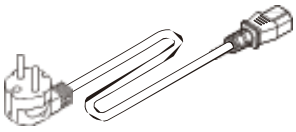
If dust collects on the power plug, remove the plug from the outlet and clean off the dust. Dust build-up may cause a fire.

Remove the power plug before cleaning. Failure to do so may result in electrical shock or damage.

Keep the following points in mind when cleaning the surface of the display:

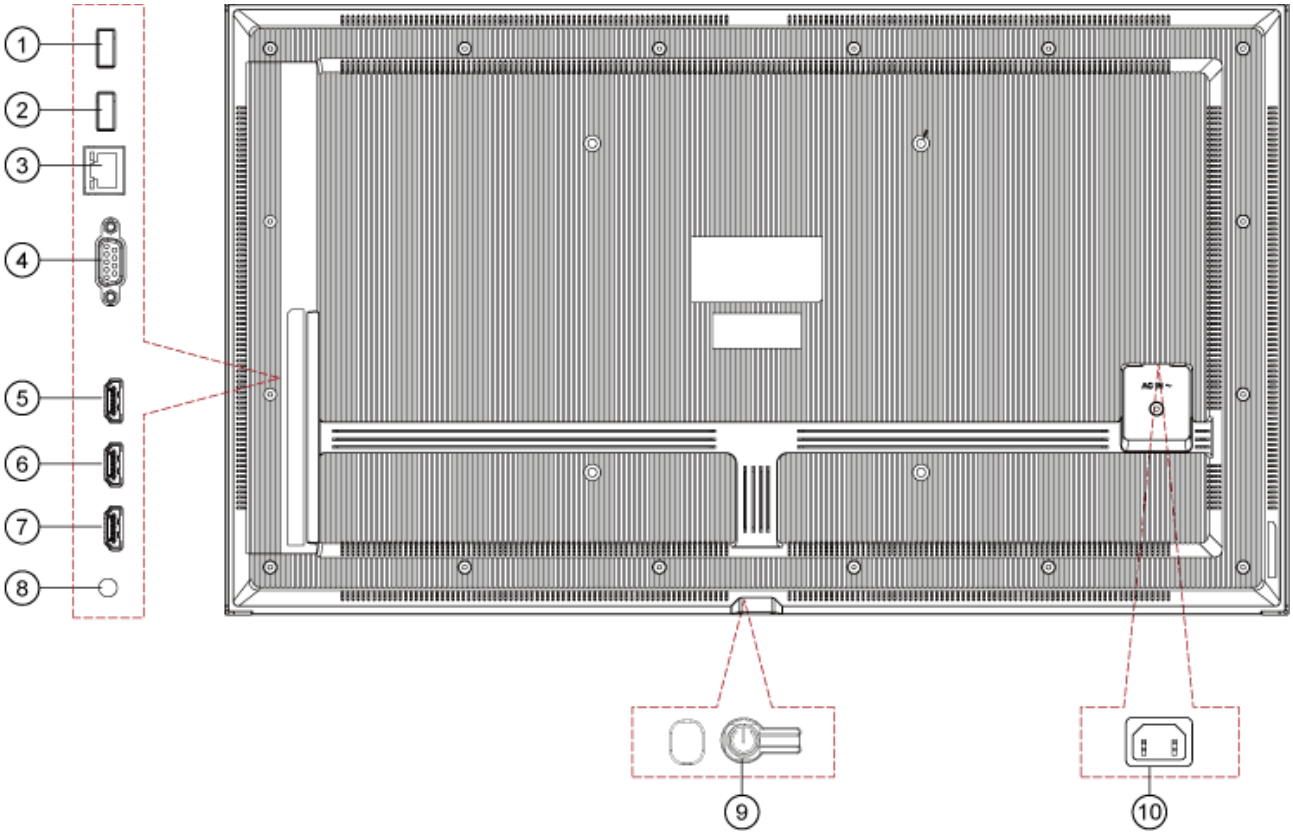
- When the surface of the display becomes dirty, wipe the surface lightly with a soft clean cloth.
- If the surface requires additional cleaning, use LCD screen cleaner or LCD wipes, which are available at most electronics stores.
- Do not let cleaner seep into the display, as it may cause electrical shock or damage.
- Refer to the Planar Display Cleaning Guidelines for more information.

Package Contents

Part	Description	Number	Picture
LCD Display	One per box.	1	
Wall Mount	The mount may be different from the image here for larger size displays.	1	
HDMI Cable	HDMI cable.	1	
AC Power Cord (US)	US power cord.	1	
AC Power Cord (EU)	EU power cord.	1	
Remote Control	Used to control the display (AAA batteries included)	1	
Quick Start Guide	Quick start guide.	1	

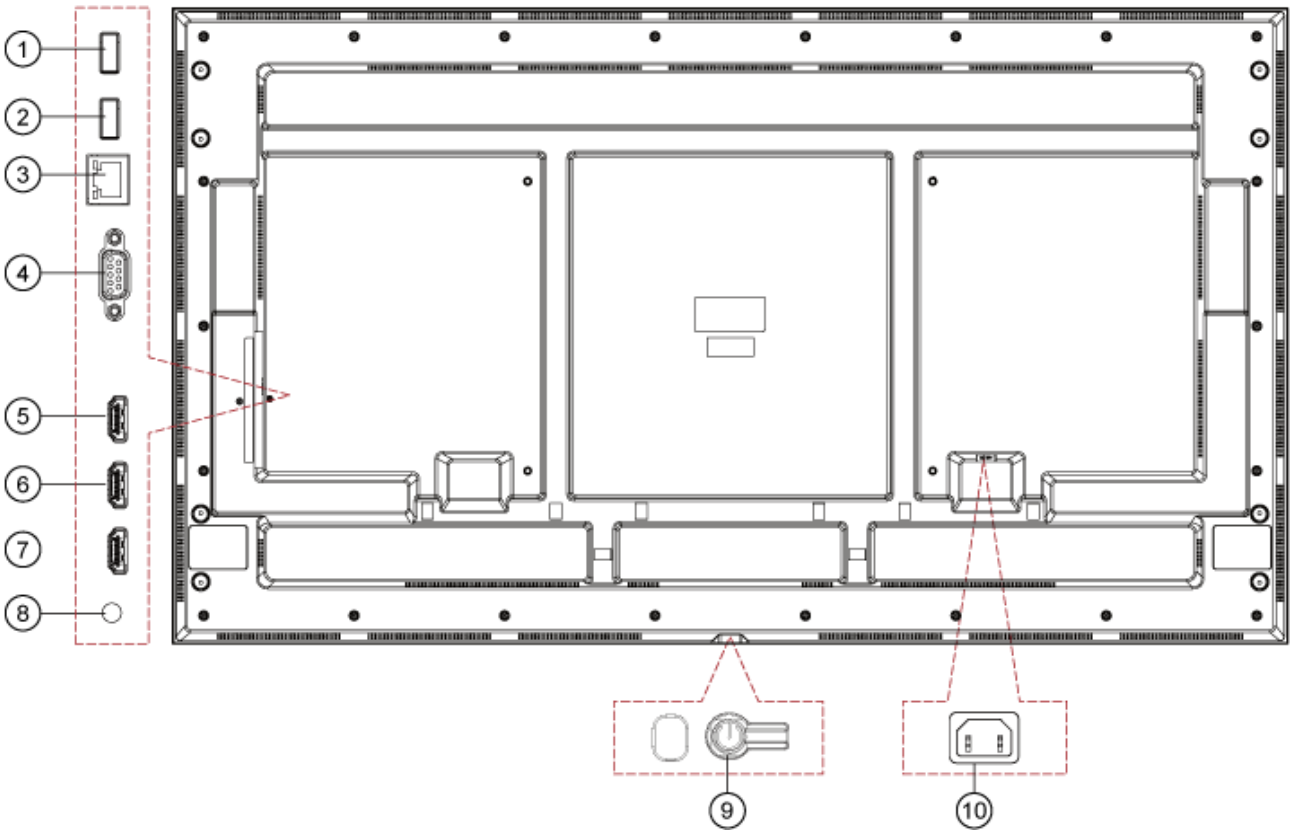
6. Planar Simplicity E Series - Standard Inputs

SLE43 / SLE50 / SLE55 / SLE65 / SLE75



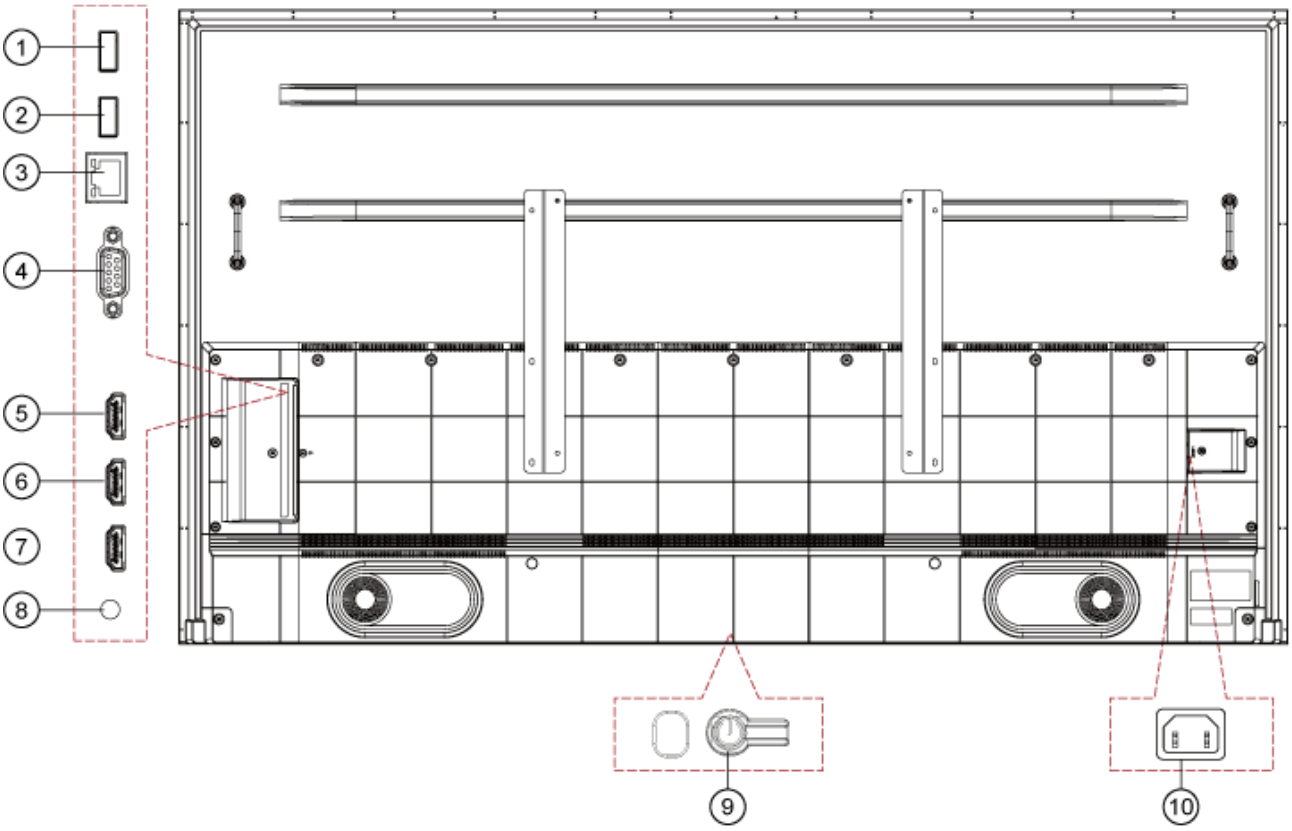
Item	Description
1	USB-A 2.0 (female) USB Peripherals
2	USB-A 3.0 (female) USB Peripherals
3	LAN: RJ45
4	RS232 (IN): DB9 (female)
5	HDMI 3: HDMI, 4K/60Hz, HDCP 2.3
6	HDMI 2: HDMI, 4K/60Hz, HDCP 2.3, eARC
7	HDMI 1: HDMI, 4K/60Hz, HDCP 2.3
8	AUDIO LINE (OUT): 3.5mm TRS (female)
9	Power Button
10	AC IN: IEC C17

SLE86



Item	Description
1	USB-A 2.0 (female) USB Peripherals
2	USB-A 3.0 (female) USB Peripherals
3	LAN: RJ45
4	RS232 (IN): DB9 (female)
5	HDMI 3: HDMI, 4K/60Hz, HDCP 2.3
6	HDMI 2: HDMI, 4K/60Hz, HDCP 2.3, eARC
7	HDMI 1: HDMI, 4K/60Hz, HDCP 2.3
8	AUDIO LINE (OUT): 3.5mm TRS (female)
9	Power Button
10	AC IN: IEC C17

SLE98



Item	Description
1	USB-A 2.0 (female) USB Peripherals
2	USB-A 3.0 (female) USB Peripherals
3	LAN: RJ45
4	RS232 (IN): DB9 (female)
5	HDMI 3: HDMI, 4K/60Hz, HDCP 2.3
6	HDMI 2: HDMI, 4K/60Hz, HDCP 2.3, eARC
7	HDMI 1: HDMI, 4K/60Hz, HDCP 2.3
8	AUDIO LINE (OUT): 3.5mm TRS (female)
9	Power Button
10	AC IN: IEC C17

Installing the Display

This section explains how to install your display. We suggest that you read the entire section before you attempt to install the unit.

7. Before You Begin

Make sure you have all the items in these lists before you begin unpacking and installing your display(s).

7.1 Tools/Equipment List

Depending on your installation, you may need one or more of the following items:

- String/string level
- Digital/laser level
- Ladders/lift
- Back brace
- Stud finder (if hanging display on a wall)

7.2 Other Things You May Need

- LCD screen cleaner or LCD wipes - available at most electronics stores
- At least two very strong people to help lift unit into place

7.3 Plan Your Installation

You should have a detailed plan of how the units are to be configured. The plan should include calculations for the following:

- Power maximums reference below by display size:
  - SLE43: 13 units max per 20A circuit for 115V operation
  - SLE50: 11 units max per 20A circuit for 115V operation
  - SLE55: 10 units max per 20A circuit for 115V operation
  - SLE65: 8 units max per 20A circuit for 115V operation
  - SLE75: 8 units max per 20A circuit for 115V operation
  - SLE86: 6 units max per 20A circuit for 115V operation
  - SLE98: 4 units max per 20A circuit for 115V operation
- Cable runs
- Ventilation and cooling requirements
- If hanging display on a wall, location of studs in the wall
- Refer to Section 4 Vesa Mounts on page 15

7.4 Prepare Your Installation Location

Prepare the area where you will install the unit. If custom enclosures are part of the installation, they must be fully designed to accommodate the installation of the displays, the installed units, and ventilation and cooling requirements.

If your installation includes a lot of construction or dust, it is **highly recommended** that you clean all of the screens after the wall installation and configuration are complete.

7.5 Cable Length Recommendations

Cable length performance may vary between different cables and sources. The recommended maximum cable lengths are as follows:

HDMI

- 4K @ 50/60Hz: 5m (15 ft) maximum
- 4K @ 24/25/30Hz: 15m (50 ft) maximum
- 1080p @ 60Hz and lower resolutions: 20m (65 ft) maximum

Operating the Display

8. Power Button

A power button is located on the bottom face of the display's bezel in the middle. This button toggles the power of the display.

9. Remote Control Receiver

The remote control receiver is located behind the LCD screen near the middle of the display on most models.

On the SLE98, the remote control receiver is on the bottom face of the display's bezel in the middle.

10. LED Indicators

The LED indicator light is located on the front of the display near the bottom-right corner.

Power Status	Condition
Red	Standby Power Down Mode
Off	Power on

11. Using the Display in Portrait Mode

When using the display in the portrait position and looking at the rear of the display, it should be rotated according to the arrow stickers on the back of the display. This will allow for proper ventilation.

For reference, the following list indicates the rotation direction of each display model when placed in portrait mode as viewed from the display side:

- SLE43: Clockwise
- SLE50: Clockwise
- SLE55: Clockwise
- SLE65: Clockwise
- SLE75: Clockwise
- SLE86: Clockwise
- SLE98: Clockwise

Caution: Failure to follow these instructions will void the warranty.

12. Using the Display in Flat or Tilted Orientation

The display is not recommended for use in flat orientation for tabletop, floor, or ceiling installations. LCD panels of this size are at risk of panel deflection, which can cause cosmetic sagging, brightness uniformity issues, and a shortened life span. Installations where the display is tilted downward or upward at an angle may also be prone to these issues and are not recommended.

Note: Failure to follow these instructions will void the warranty.

13. IR Command Protocol

The Planar Simplicity E Series displays accept commands in the form of IR signals that conform to the RCA protocol. Each Planar Simplicity E Series remote control has an NEC control code associated with it. You can use these codes to program a third-party “universal” remote control to work with the Planar Simplicity E Series displays. These third-party products usually come with a computer software application for this purpose. For more information, consult the documentation provided with the remote control.

Remote Control Button Name	Data	Description
Power	0xD5	Power toggle
Mute	0xC0	Audio Mute
Home	0xF7	Selects the Android input
Menu (three lines)	0x62	Opens the menu
Up	0xA6	Navigate up
Down	0xA7	Navigate down
Left	0xA9	Navigate left
Right	0xA8	Navigate right
OK	0x0B	Selects the current menu item
Return	0xD8	Navigate back
Source	0x5C	Opens the input menu
USB	0xFD	Opens the File Browser
Vol +	0xD0	Volume increase
Vol -	0xD1	Volume decrease
Keyboard	0x32	Not used
Mouse	0xA3	Enable/disable mouse mode. When enabled, arrow keys and OK control an on-screen cursor to interact with the Android OS.
Settings (gear)	0x30	Opens the global menu
Applications	0x60	Opens the applications page
Smart	0xBA	Opens the Bluetooth device pairing menu

14. Remote Control Basic Functions

14.1 Turning the Display On

1. Insert the power cord into the display and into the power outlet.

2. Press the power button on the remote or display.

14.2 Turning the Display Off

With the power on, press the power button on the remote or display to put the LCD panel in a standby mode. To turn off power completely, disconnect the AC power cord from the power outlet.

Note: If there is no signal for a certain period of time, the LCD panel will automatically go into standby mode.

14.3 Adjusting the Volume

1. Using the remote, press the VOL- or VOL+ to increase or decrease the volume.

2. Pressing the MUTE button temporarily turns off all sound. To restore the sound, press the MUTE button again.

Note: The analog audio out is variable.

14.4 Selecting the Input Source

Press the SOURCE button on the remote. Use the arrow buttons to select one of the following input sources and press OK: “Android, HDMI 1, HDMI 2, HDMI 3”.

Note: When the display cannot find a source, a “No signal” message will appear.

14.5 Navigating Through the Menus

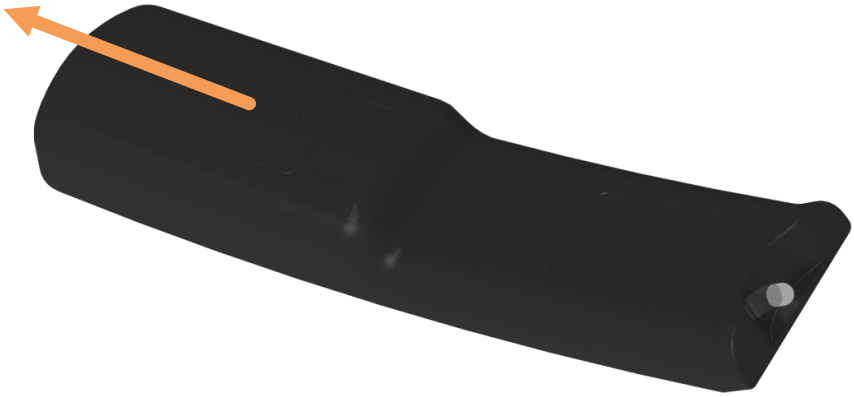
1. With the power on, press MENU. The main menu appears.

2. Within the menu, use ▲, ▼, ◀, ▶, and OK to navigate through the menus and adjust options.

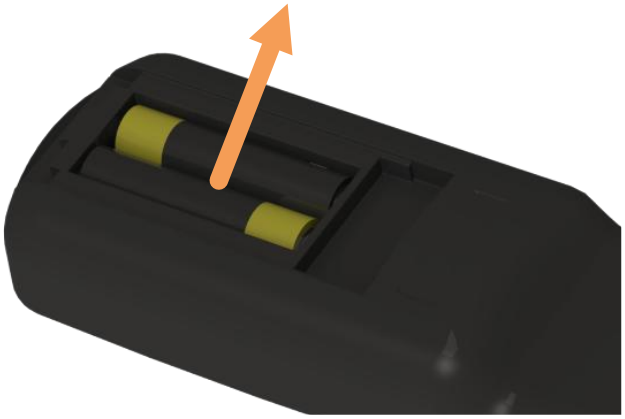
3. Press BACK to return to the previous menu. To exit the menu system, press HOME.

14.6 Battery Replacement/Installation

1. Remove the battery cover.

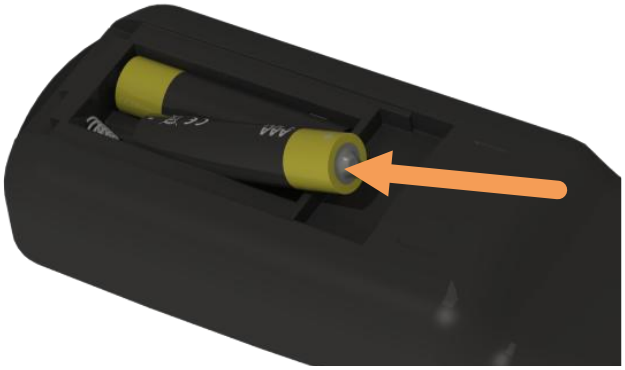


2. Remove the batteries.



3. Verify the orientation of the replacement battery for each compartment.

4. Install the batteries.



5. Replace the battery cover.

15. OSD Initial Settings Menu

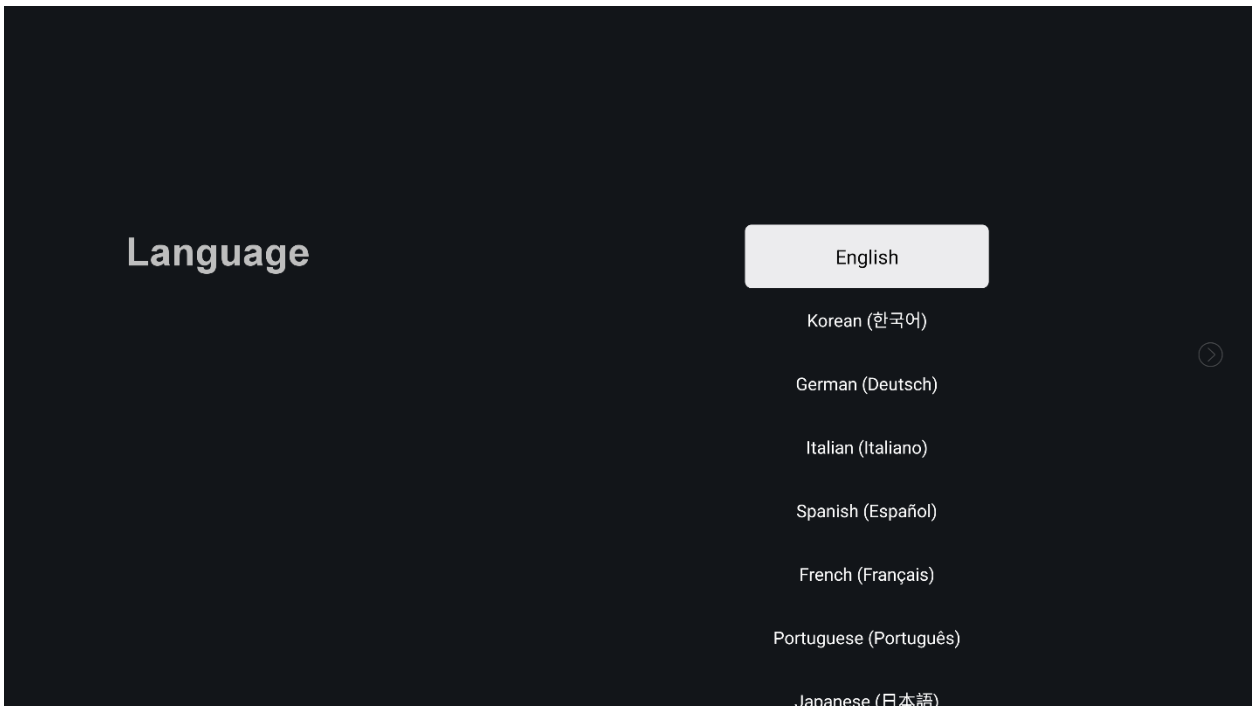
Use this menu to make initial setup adjustments to the OSD (On-Screen Display) menu and other on-screen messages.

When this display is turned on for the first time, initial set-up is required. This process is outlined in the following Initial Configuration section.

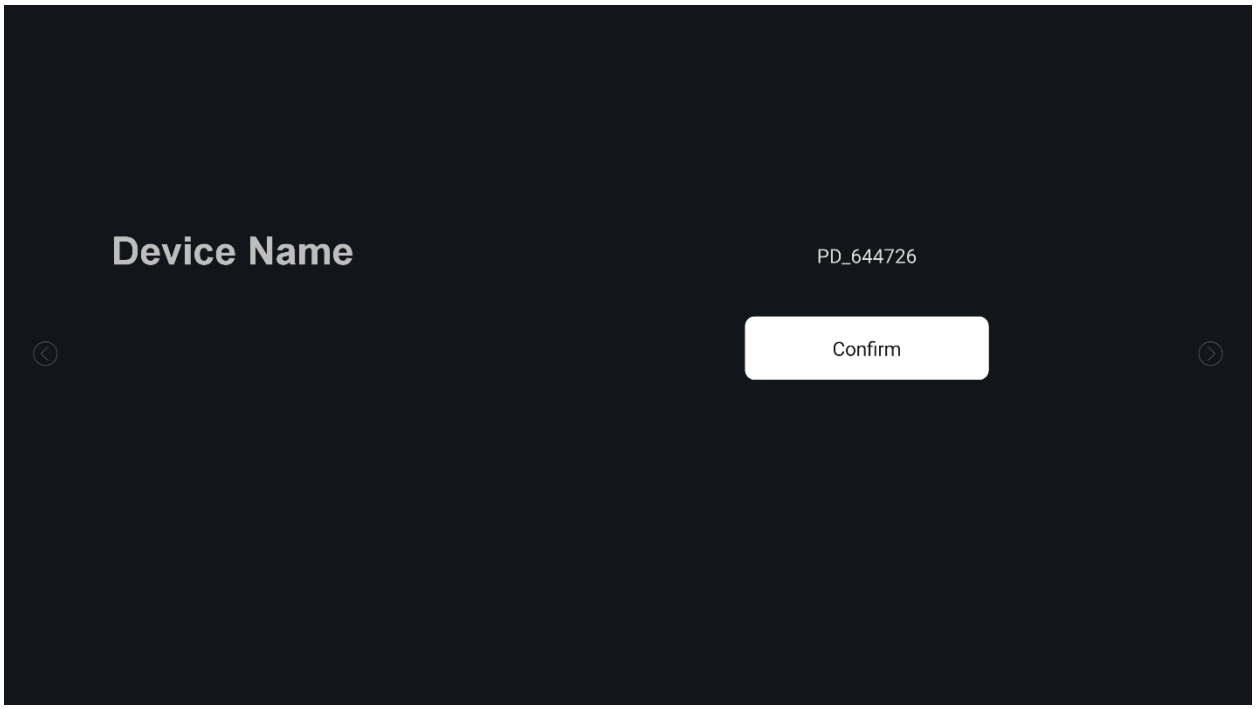
Note: The Planar Simplicity E Series models run on a proprietary embedded Android 14 operating system. The pre-installed apps may be updated by their respective developers without prior notice. APKs installed by the user are not guaranteed to operate by Planar. Google Play is not supported. For questions or support regarding third-party apps, please contact the app vendor.

15.1 Initial Configuration / Importing Settings

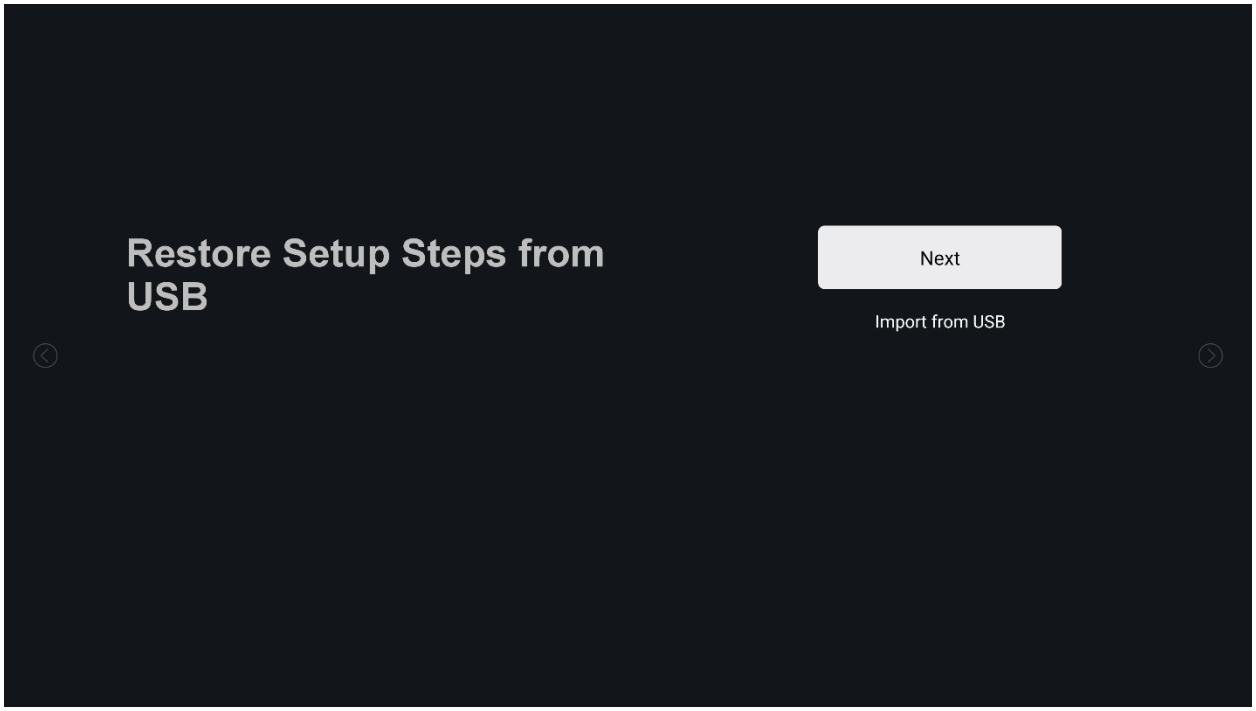
1. **Language:** Select a language.



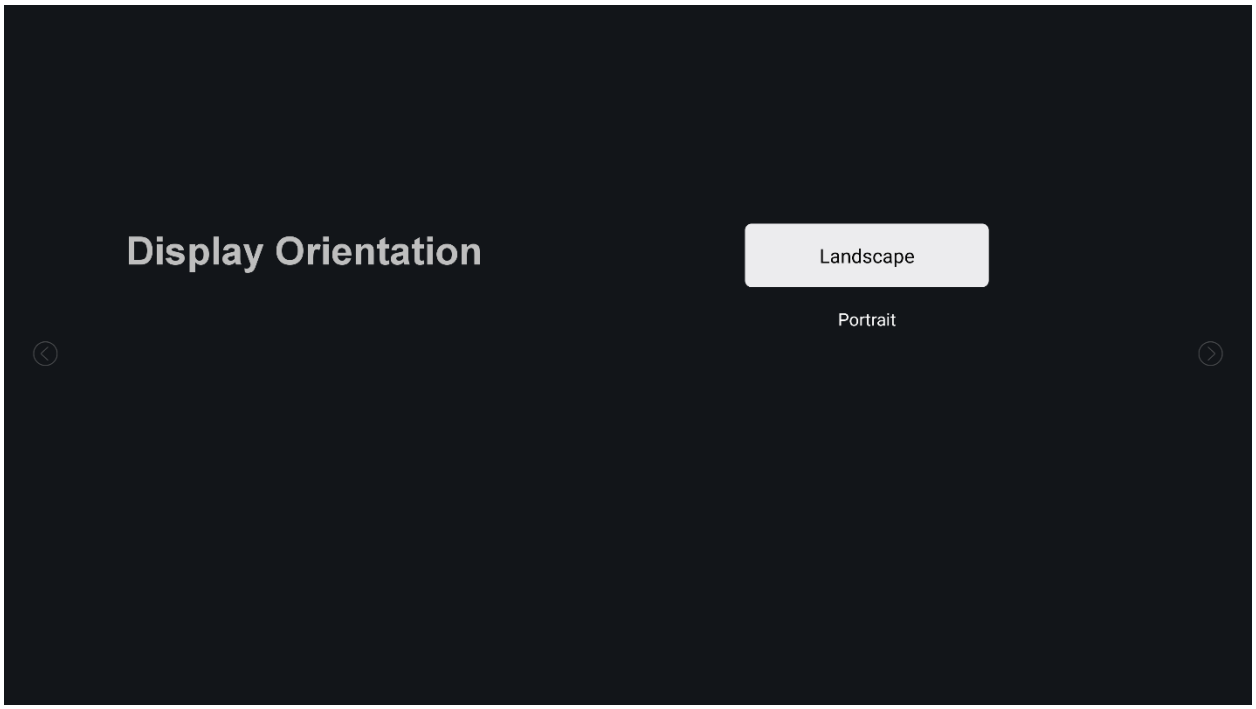
2. **Device Name:** Customize the name of the display if desired and press **Confirm**.



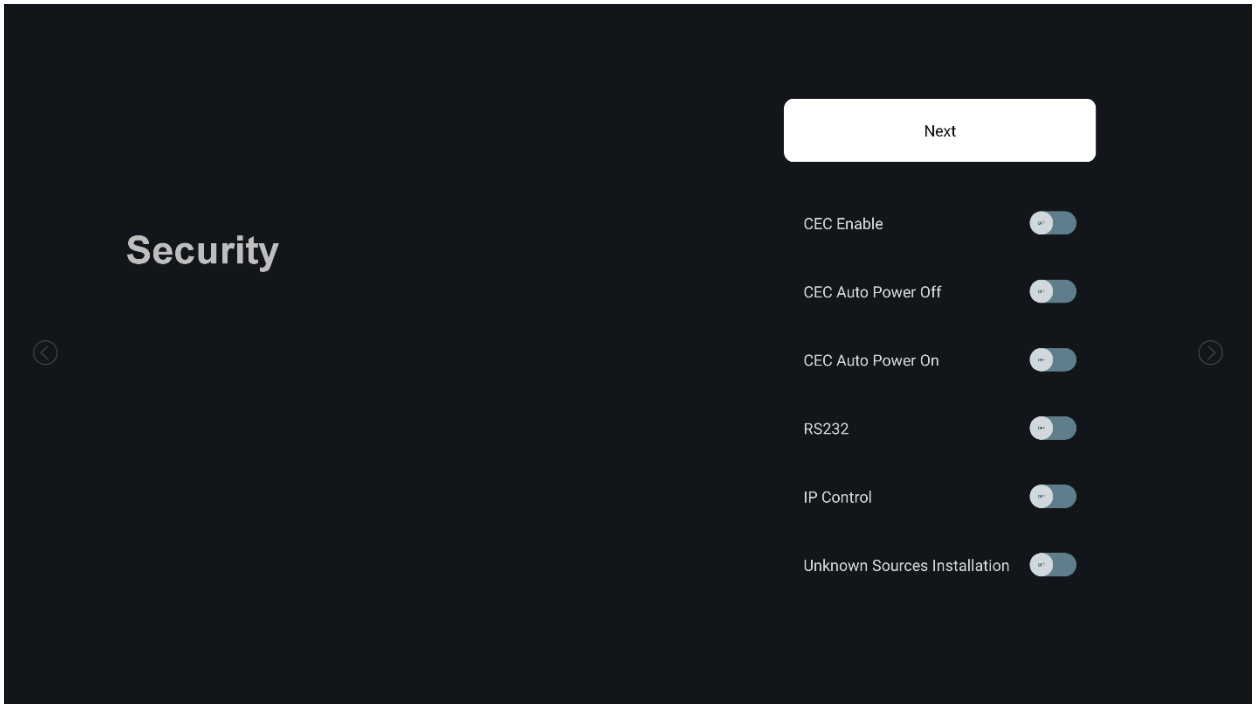
3. **Restore Setup Steps from USB:** Import settings from an attached USB flash drive and skip the rest of initial configuration.



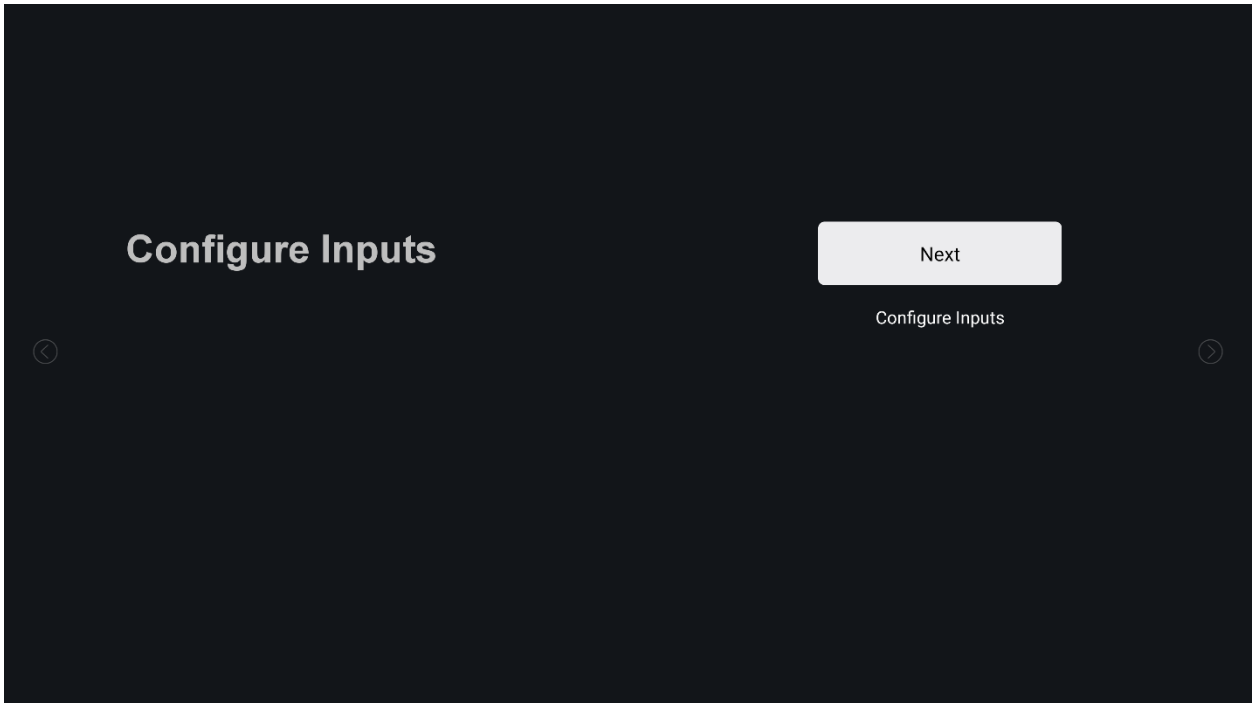
4. **Display Orientation:** Select the orientation of the display.



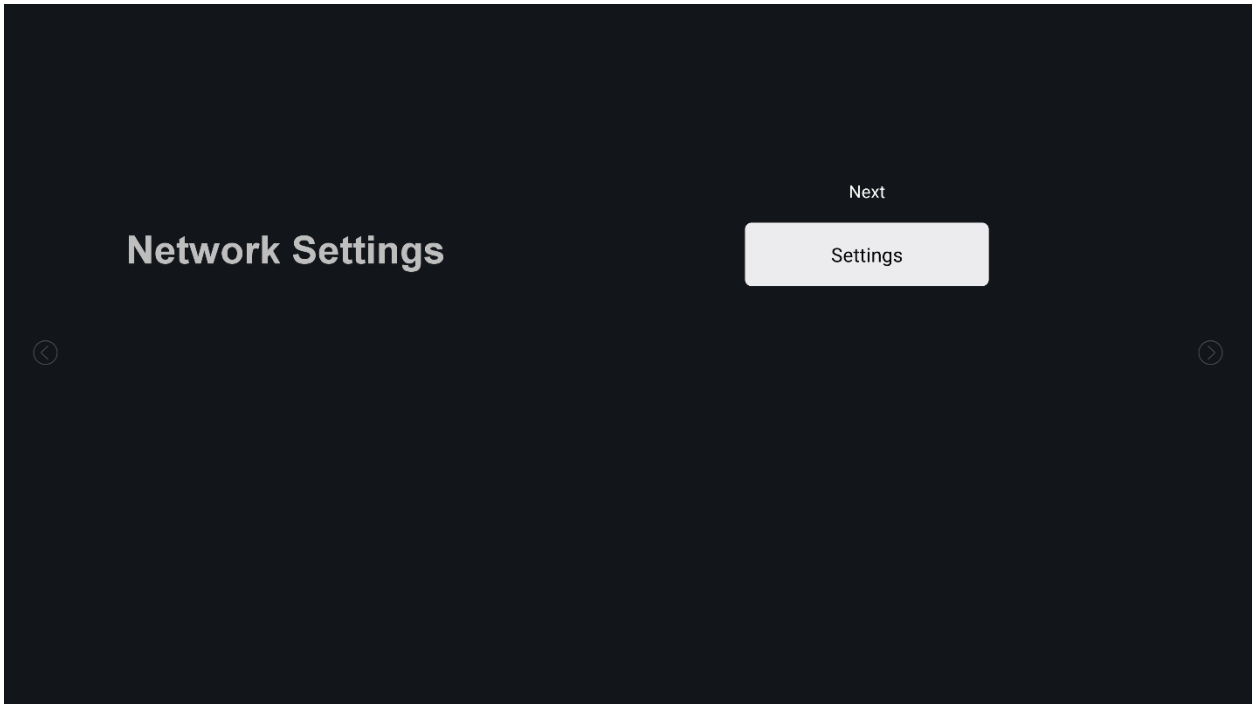
5. **Security:** Enable or disable a small set of features such as CEC Enable, CEC Auto Power Off, CEC Auto Power On, RS232, IP Control, or Unknown Sources Installation.



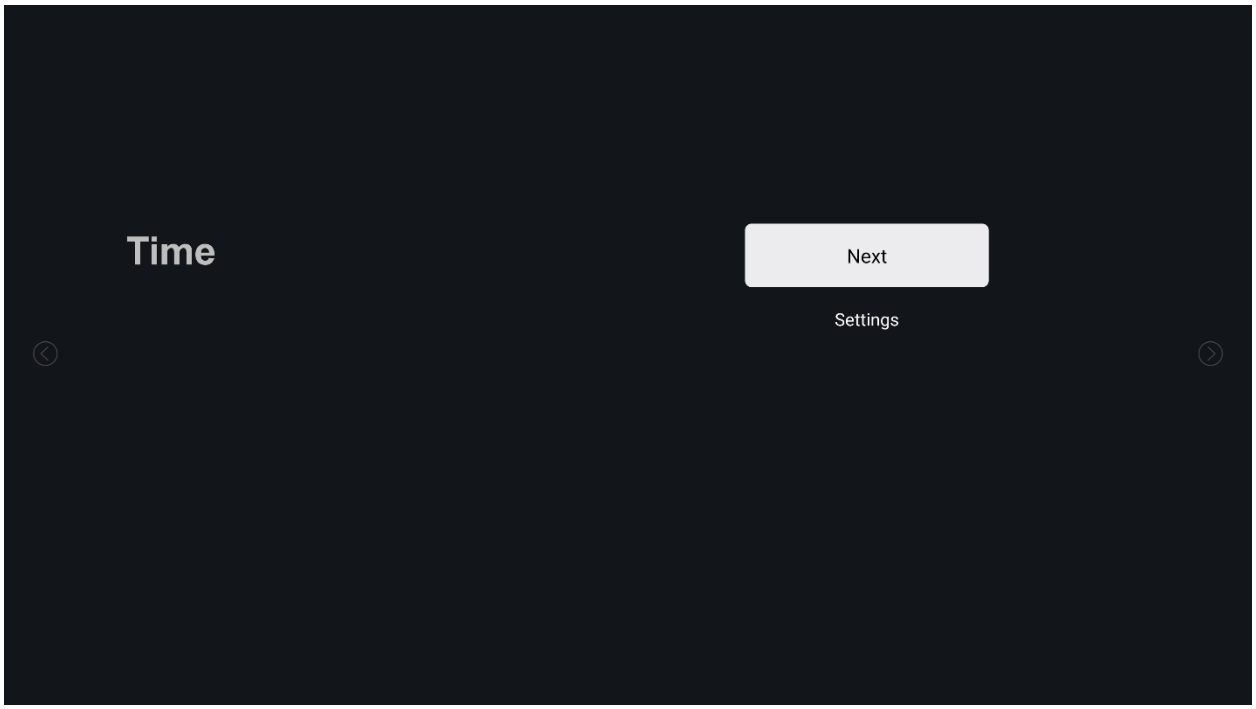
6. **Configure Inputs:** Customize the name of HDMI inputs and select which inputs to hide or show.



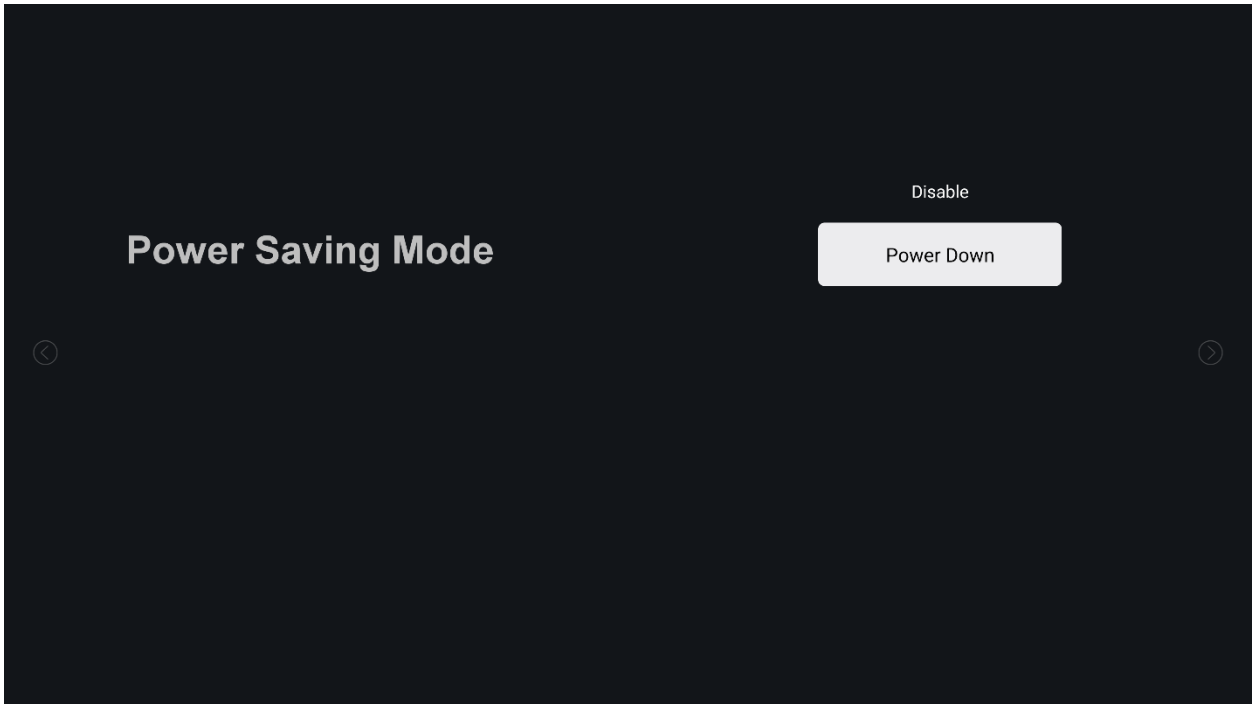
7. **Network:** Configure your network connection.



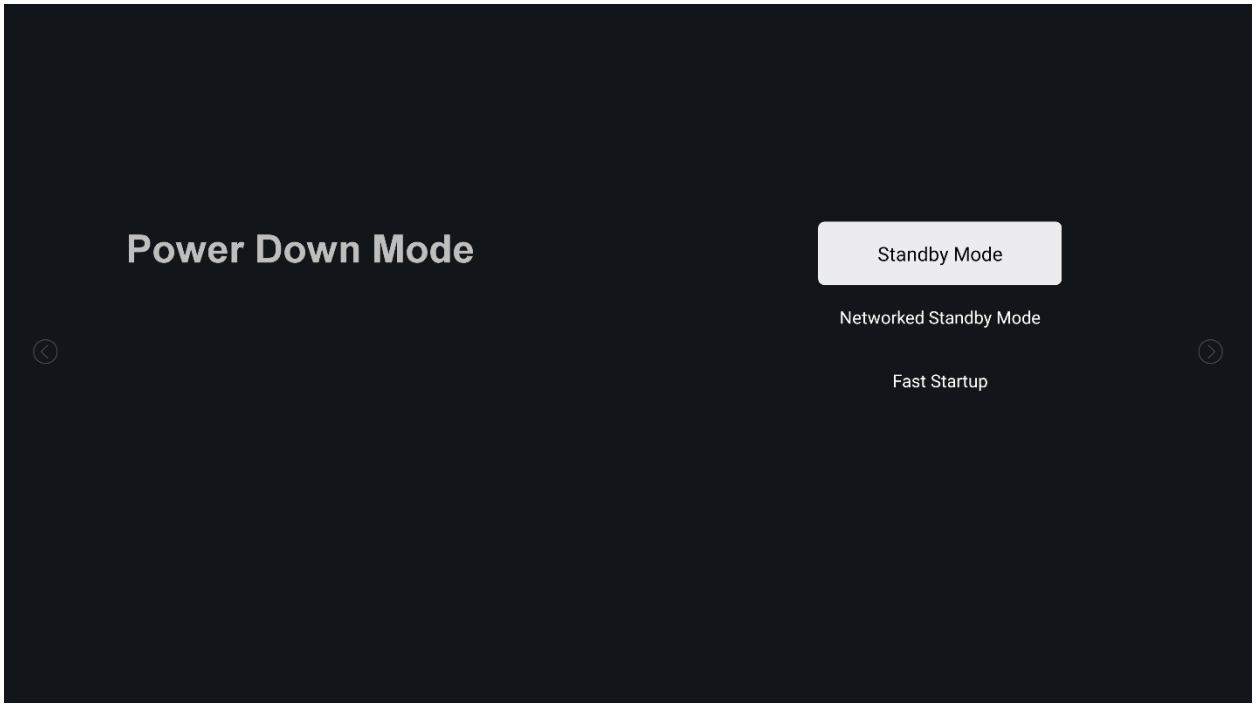
8. **Time:** Configure the system time of the display.



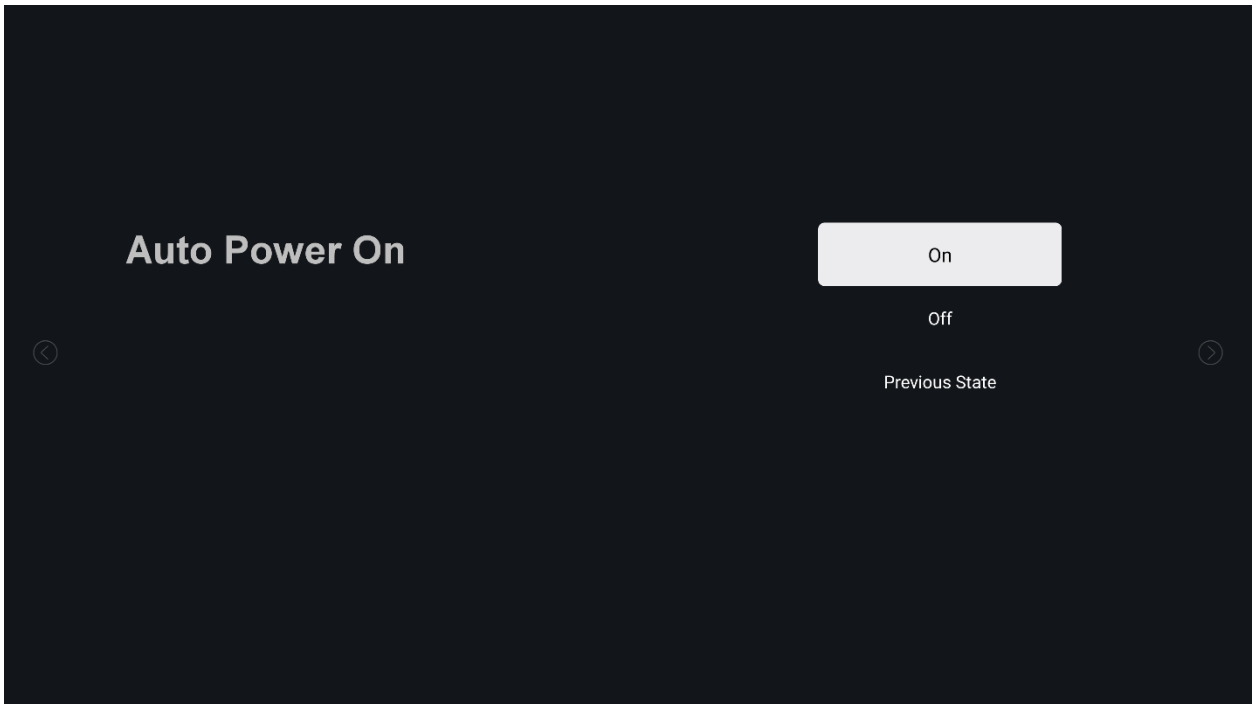
9. **Power Saving Mode:** Select the desired power saving behavior. See Power Saving Mode.



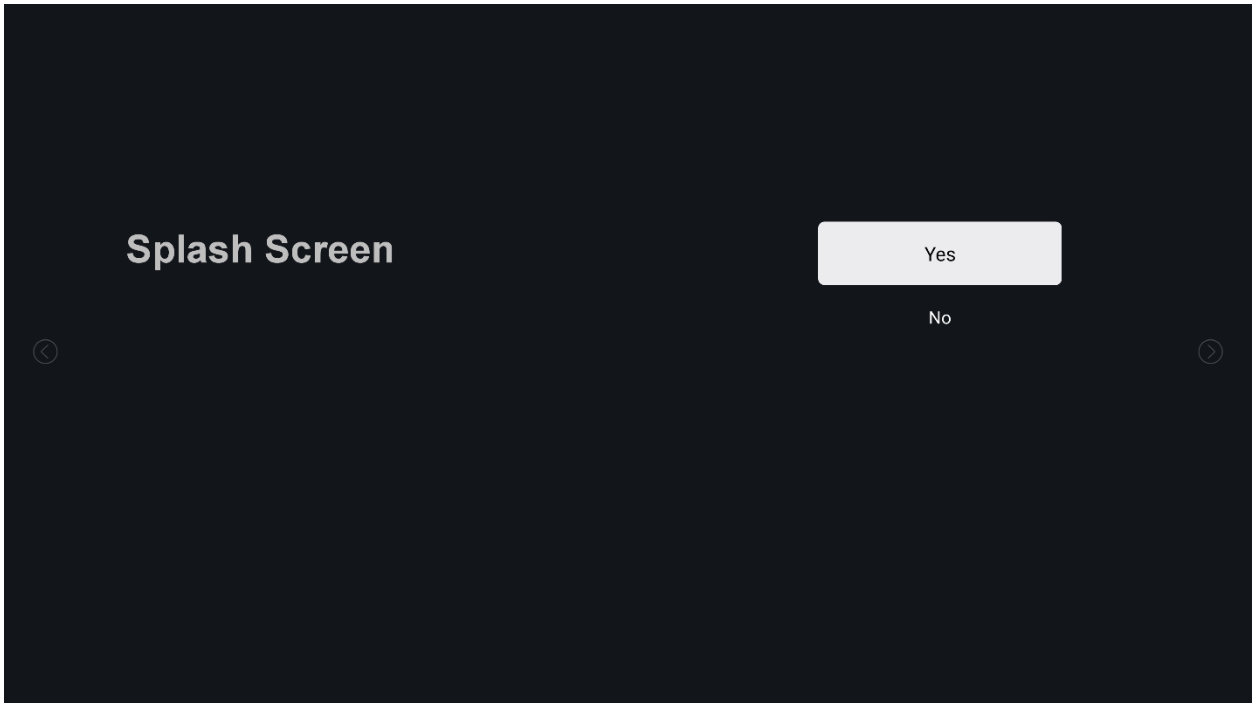
10. **Power Down Mode:** Select the desired standby mode behavior. See Power Down Mode.



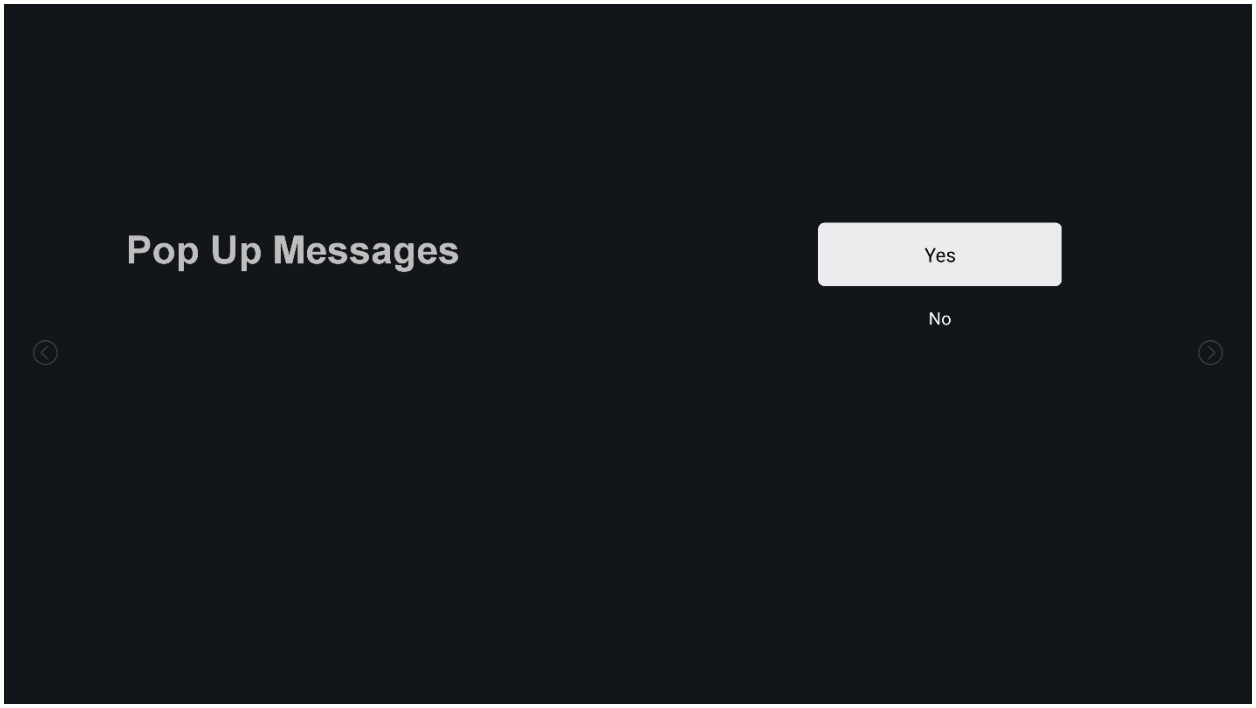
11. **Auto Power On:** Select the desired behavior when AC power is applied. See Auto Power On.



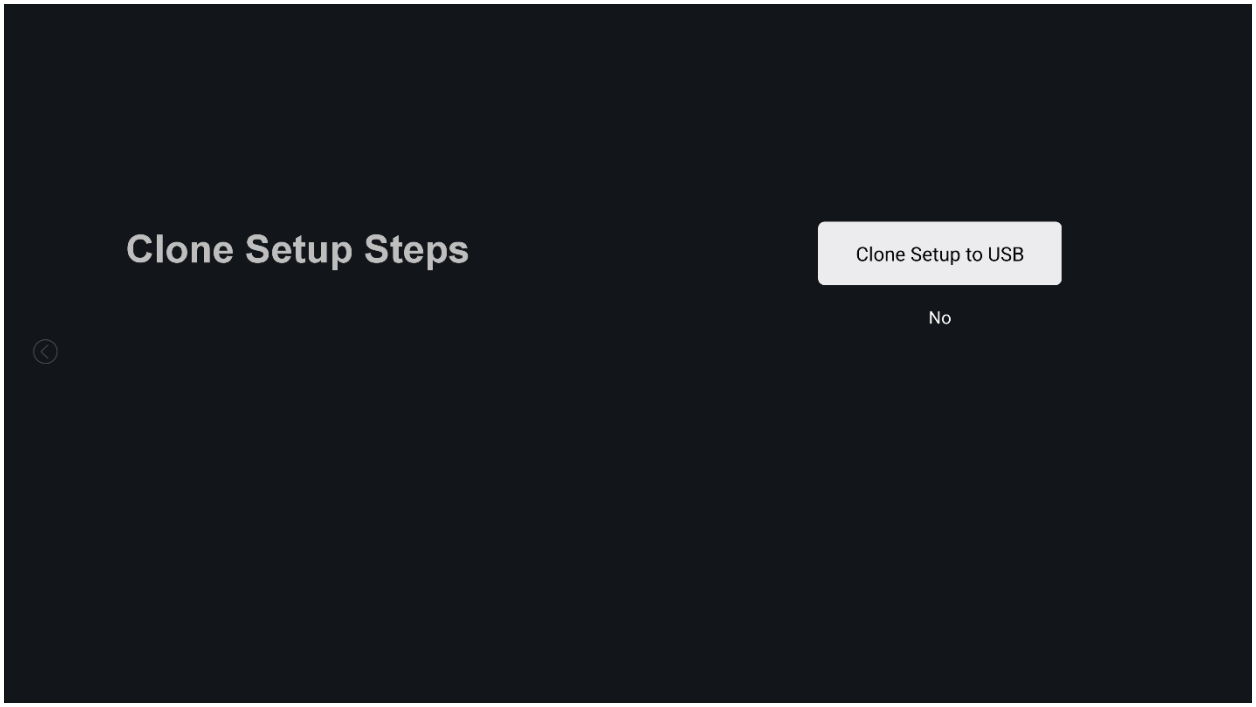
12. **Splash Screen:** Select if the Planar boot up logo is desired during the power on process.



13. **Pop Up Messages:** Select whether pop up messages are desired or not.



14. **Clone Setup Steps:** This is an optional step to clone the settings to an attached USB drive.



This concludes the initial configuration.

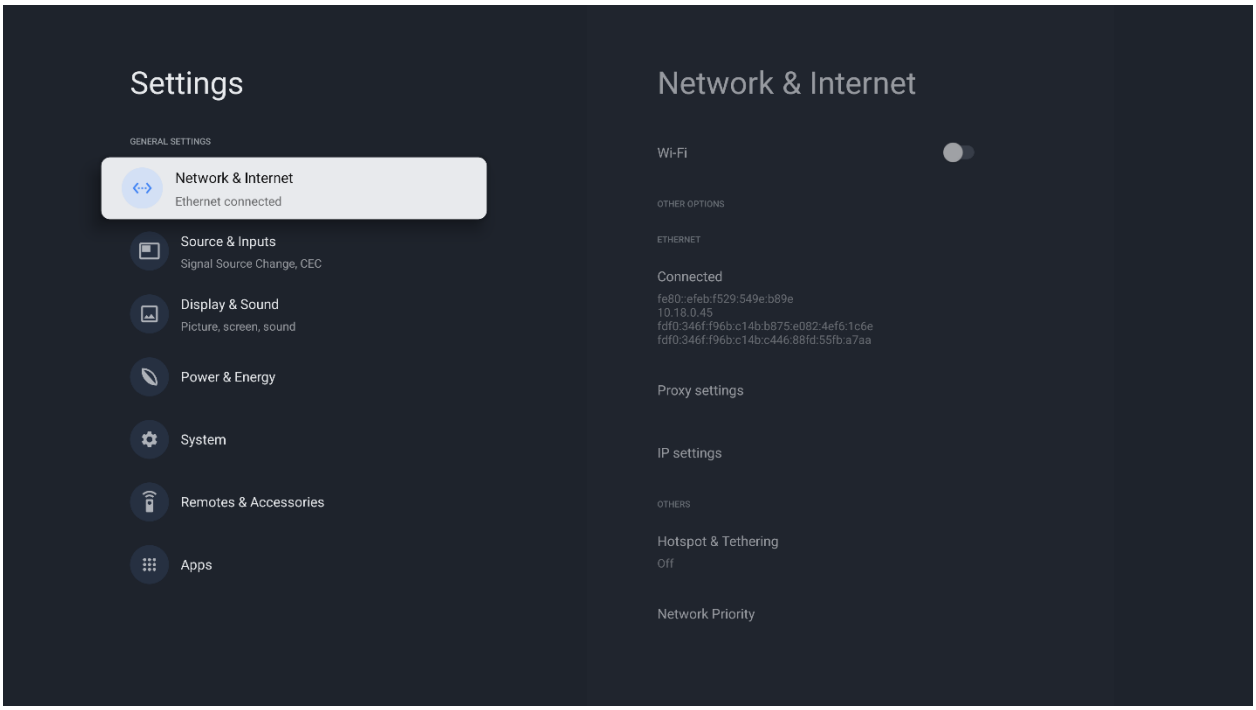
16. Source Menu

The Source menu is accessed by pressing the SOURCE key on the IR remote or by navigating to Source in the OSD main menu.

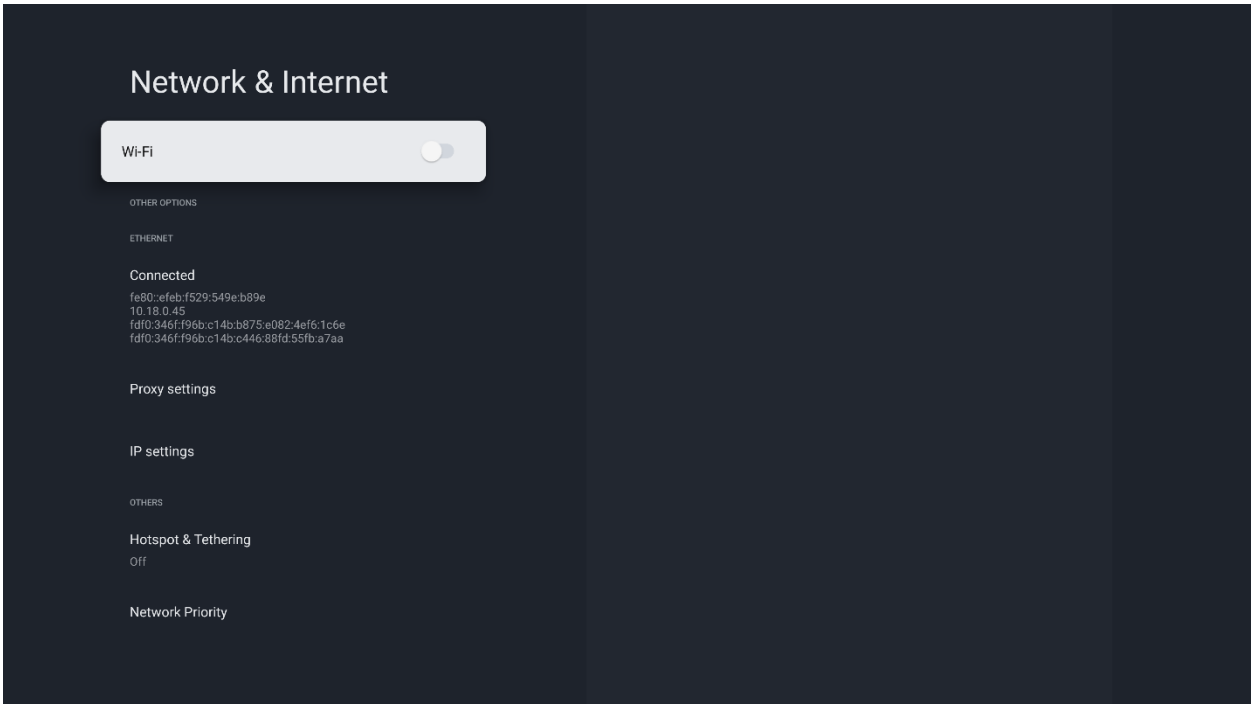
16.1 Source Options

- **Options:** Android, HDMI 1, HDMI 2, HDMI 3
- **Note:** Android opens the Android main menu.

17. Global Settings



17.1 Network & Internet



The Wi-Fi interface supports 802.1X authentication. The RJ45 Ethernet port does not support 802.1X authentication.

Wi-Fi

- Enable the Wi-Fi interface. To connect to networks that require more than a password, use the “Add a new network” option.
- **Options:** Disable, Enable
- **Default:** Disable

Proxy Settings

- Configure network settings to route network traffic through a proxy server.

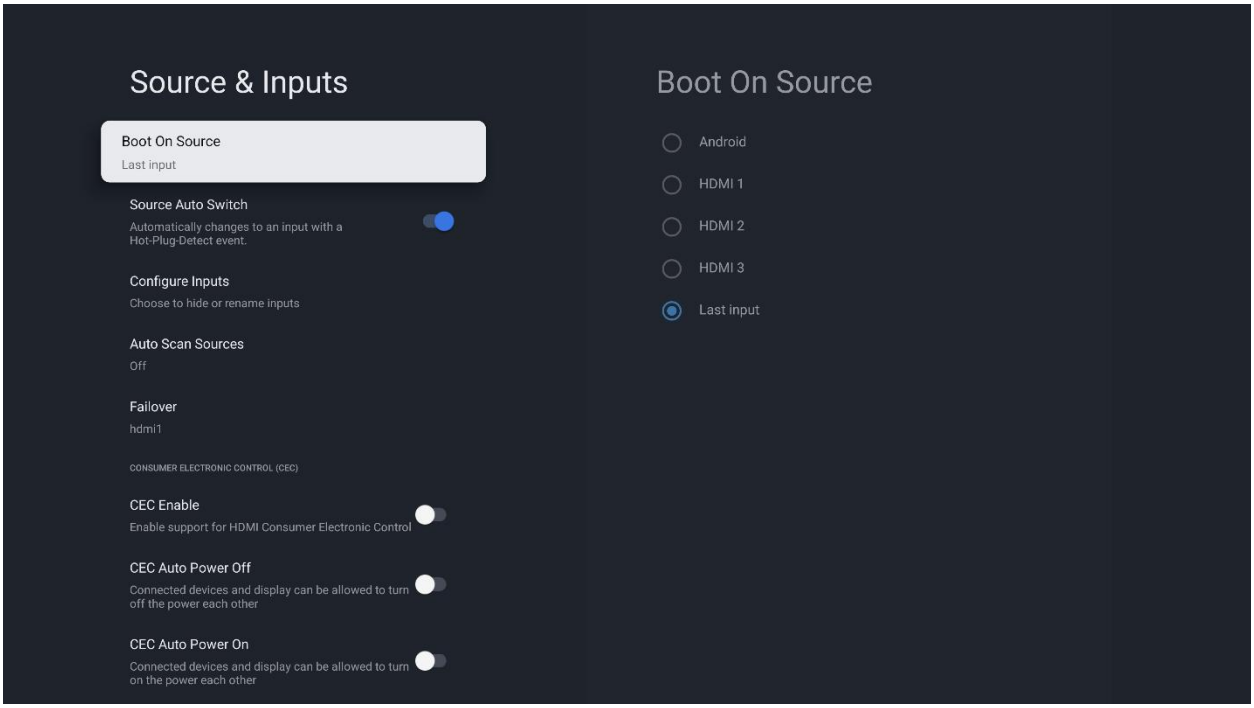
IP Settings

- Configure network settings to use DHCP or a static IP address.

Network Priority

- Choose which network interface to use when both Wi-Fi and Ethernet are available.
- **Options:** Ethernet, Wi-Fi
- **Default:** Ethernet

17.2 Source & Inputs



Boot On Source

- Select the source to show on power up.
- **Options:** Android, HDMI 1, HDMI 2, HDMI 3, Last Input
- **Default:** Last Input

Source Auto Switch

- Automatically changes to an input with a Hot-Plug-Detect event.
- **Options:** Enable, Disable
- **Default:** Enable

Configure Inputs

- Choose to hide or rename HDMI inputs.

Auto Scan Sources

- Automatically scans inputs for a valid source when no source is detected. Scanning begins with the currently selected source and moves sequentially through inputs in the order listed below – stopping once a valid source is obtained.
- **Options:** Off, On, Failover
- **Default:** Off
- **On:** Scans the following inputs: HDMI 1, HDMI 2, HDMI 3
- **Failover:** Scans between the current input and the failover input

Failover

- This is the failover input to scan when Auto Scan Sources is set to Failover.
- **Options:** HDMI 1, HDMI 2, HDMI 3
- **Default:** HDMI 1

CEC Enable

- Enable HDMI CEC support on the display. The CEC commands listed in the table below are implemented:
- **Note:** The HDMI CEC Standby setting must be set to On for the Standby CEC command to work.
- **Options:** Off, On
- **Default:** Off

Command	Value
Image View On	0x04
Text View On	0x0D
Standby	0x36
User Control Pressed	0x44
User Control Released	0x45
Give Audio Status	0x71
Set Audio Volume Level	0x73
Report Audio Status	0x7A
Give System Audio Mode Status	0x7D
System Audio Mode Status	0x7E
Routing Change	0x80
Active Source	0x82

Command	Value
Give Physical Address	0x83
Report Physical Address	0x84
Request Active Source	0x85
Give Device Power Status	0x8F
Inactive Source	0x9D
Get CEC Version	0x9F
Request Short Audio Descriptor	0xA4
Initiate ARC	0xC0
Report ARC Initiated	0xC1
Request ARC Initiation	0xC3
Request ARC Termination	0xC4
Terminate ARC	0xC5

CEC Auto Power Off

- Allows connected HDMI devices to power off the display via the Standby CEC command.
- **Options:** Off, On
- **Default:** Off
- **Note:** The HDMI CEC setting must be enabled on this display for this to work.

CEC Auto Power On

- Allows the display and connected CEC devices to power each other on.
- **Options:** Disable, Enable
- **Default:** Disable
- **Note:** this requires CEC Enable setting to be enabled.

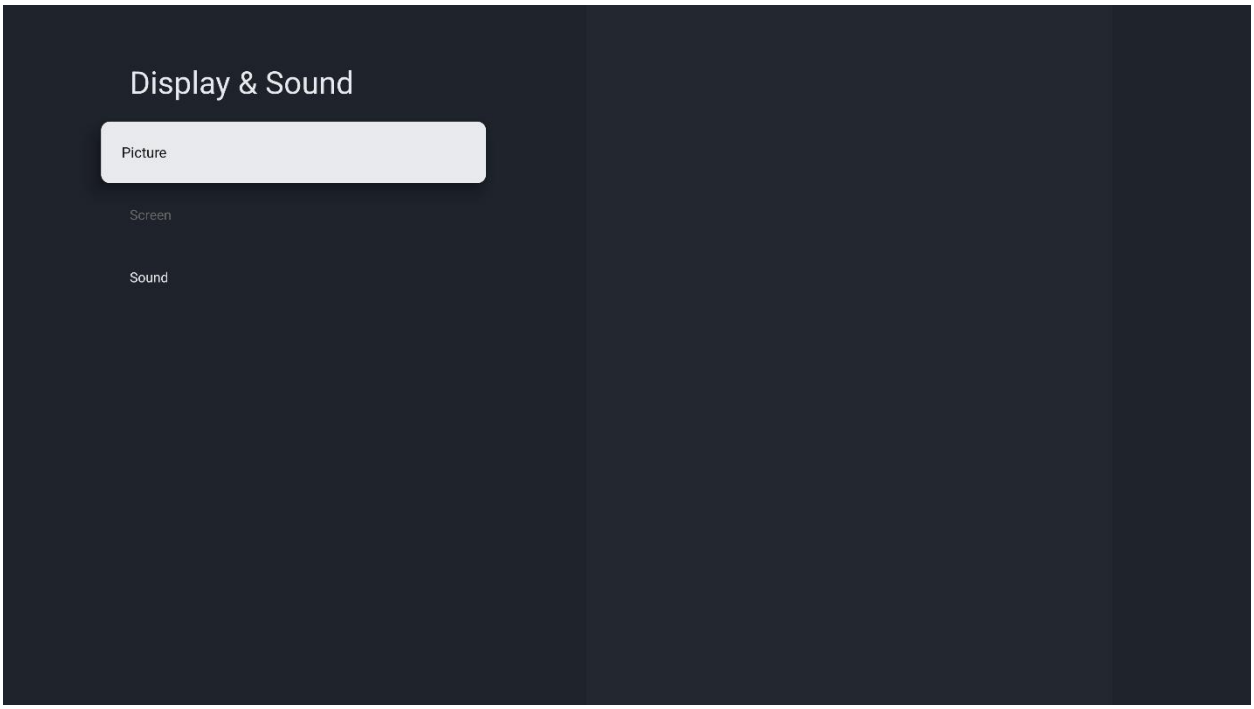
HDMI EDID Version

- Select the EDID used for all HDMI ports.
- **Options:** EDID 1.4, EDID 2.0, Auto EDID
- **Default:** EDID 2.0

CEC Device List

- This is a dynamically generated list of any connected CEC devices.

17.3 Display & Sound



17.3.1 Picture

Picture Mode

- Choose presets with predefined image settings.
- **Options:** User, Standard (ENERGY STAR), Vivid, Sports, Movie, Game, Energy Saving
- **Default:** Standard (ENERGY STAR)
    - **Standard (ENERGY STAR):** This preset cannot be modified. Changing off this preset and selecting it again will reset the following power saving features to default: Power Saving Mode, Power Saving Delay, Power Down Mode, Auto Power On

Backlight

- Increase or decrease the intensity of the LCD backlight. Press ◀ or ▶ to select the desired level.
- **Range**: 0~100
- **Default:** 80

Brightness

- Increase or decrease the brightness of the picture. Press ◀ or ▶ to select the desired level.
- **Range**: 0~100
- **Default:** 50

Contrast

- Increase or decrease the contrast of the picture. Press ◀ or ▶ to select the desired level.
- **Range**: 0~100
- **Default:** 50

Saturation

- Adjust the brilliance and brightness. Press ◀ or ▶ to select the desired level.
- **Range**: 0~100
- **Default:** 50
- **Note:** This setting is not applied to RGB source signals.

Hue

- Increase or decrease the green hue. Press ◀ or ▶ to select the desired level.
- **Range**: 0~100
- **Default:** 50
- **Note:** This setting is not applied to RGB source signals.

Sharpness

- Adjust the definition of the picture. Press ◀ or ▶ to select the desired level.
- **Range**: 0~100
- **Default:** 0
- **Note:** This setting is not applied to RGB source signals.

Advanced Settings

- This submenu has the following settings: Color Temperature, DNR, MPEG NR, Gamma, MJC, HDMI RGB Range, Low Blue Light

Color Temperature

- Selects the color temperature.
- **Options:** User, Cool, Standard, Warm
- **Default:** Standard
    - **User:** Freely adjust Red, Green and Blue gains for a custom color temperature.

DNR

- Digital Noise Reduction to reduce random noise in video content.
- **Options:** Off, Low, Medium, Strong
- **Default:** Medium

MPEG NR

- MPEG Noise Reduction to reduce compression artifacts.
- **Options:** Off, Low, Medium, Strong
- **Default:** Medium

Gamma

- Select gamma.
- **Options:** Dark, Middle, Bright
- **Default:** Middle

MJC

- Motion Judder Compensation.

HDMI RGB Range

- Select RGB range for HDMI sources.
- **Options:** Auto, Full Range, Limited Range
- **Default:** Auto

Low Blue Light

- Reduces blue light level in video content.
- **Options:** Off, Low, Medium, High
- **Default:** Off

Reset to Default

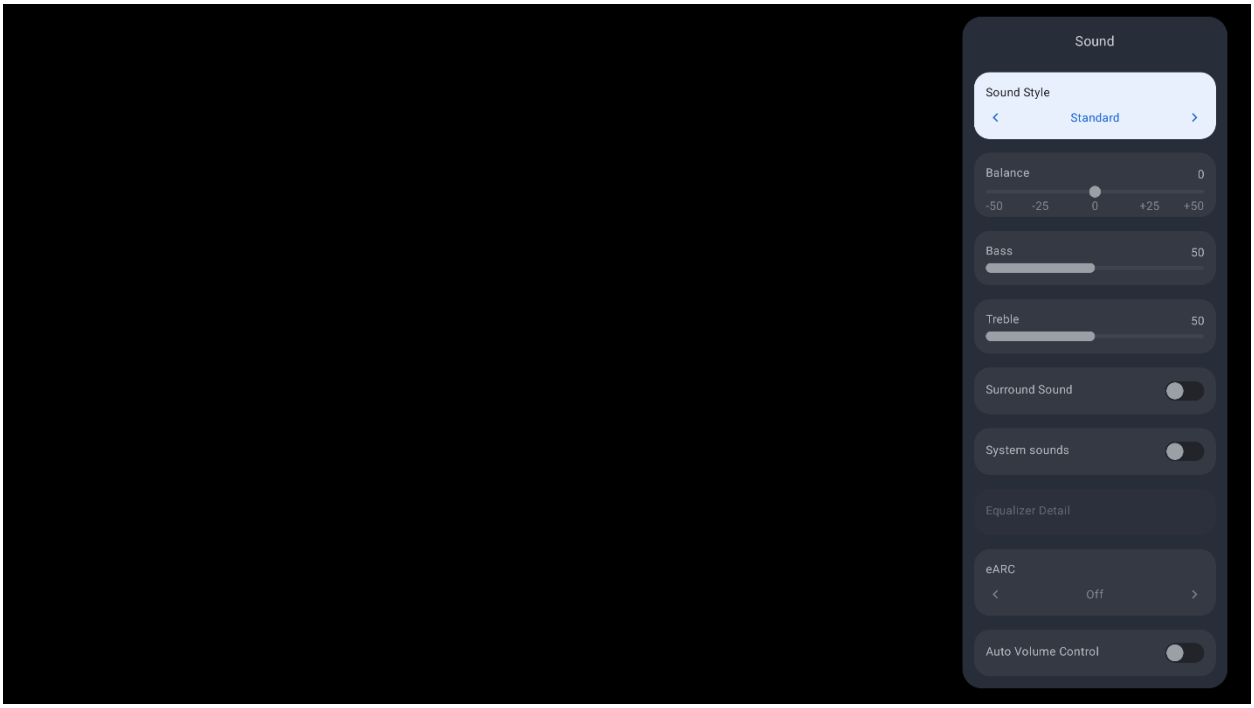
- Resets Picture settings to default.

17.3.2 Screen

Aspect Ratio

- Adjust the aspect ratio of the screen.
- **Options:** Fill, 4:3, Native, 21:9, Custom
- **Default:** Fill

17.3.3 Sound



Sound Style

- Choose presets with predefined sound settings.
- **Options:** Standard, Vivid, Sports, Movie, News, User
- **Default:** Standard

Balance

- Adjust the balance of the left and right speakers. Press ◀ or ▶ to select the desired level.
- **Range**: -50~50
- **Default:** 0

Bass

- Adjust the sound in low tones. Press ◀ or ▶ to select the desired level.
- **Range**: 0~100
- **Default:** 50

Treble

- Adjust the sound in high tones. Press ◀ or ▶ to select the desired level.
- **Range**: 0~100
- **Default:** 50

Surround Sound

- **Options:** Disable, Enable
- **Default:** Disable

System Sounds

- Plays a sound when interacting with the menu.
- **Options:** Off, On
- **Default:** Off

Equalizer Detail

- Allows custom fine-tuning of different sound ranges. Only accessible when Sound Style is set to User.

eARC

- Enable support for HDMI eARC.
- **Options:** Off, Auto
- **Default:** Off

Auto Volume Control

- Automatically adjusts the volume when video content audio varies to eliminate abrupt changes in sound.
- **Options:** Off, On
- **Default:** Off

Audio Out Sync

- Sync the audio volume control for internal speakers and secondary audio out device when **Sound Output Selections** is using multiple audio devices.
- **Options:** Disable, Enable
- **Default**: Disable

Audio Output

- This submenu has the following settings: Digital Output, Sound Output Selections.

Digital Output

- Select the audio format to be sent to the selected audio device in **Sound Output Selections**.
- **Note:** this product does not support decoding or passthrough of Dolby Digital audio.
- **Options:** Auto, PCM, Bypass
- **Default:** Auto
    - **Bypass:** passthrough source audio bitstream unmodified to the output audio device.

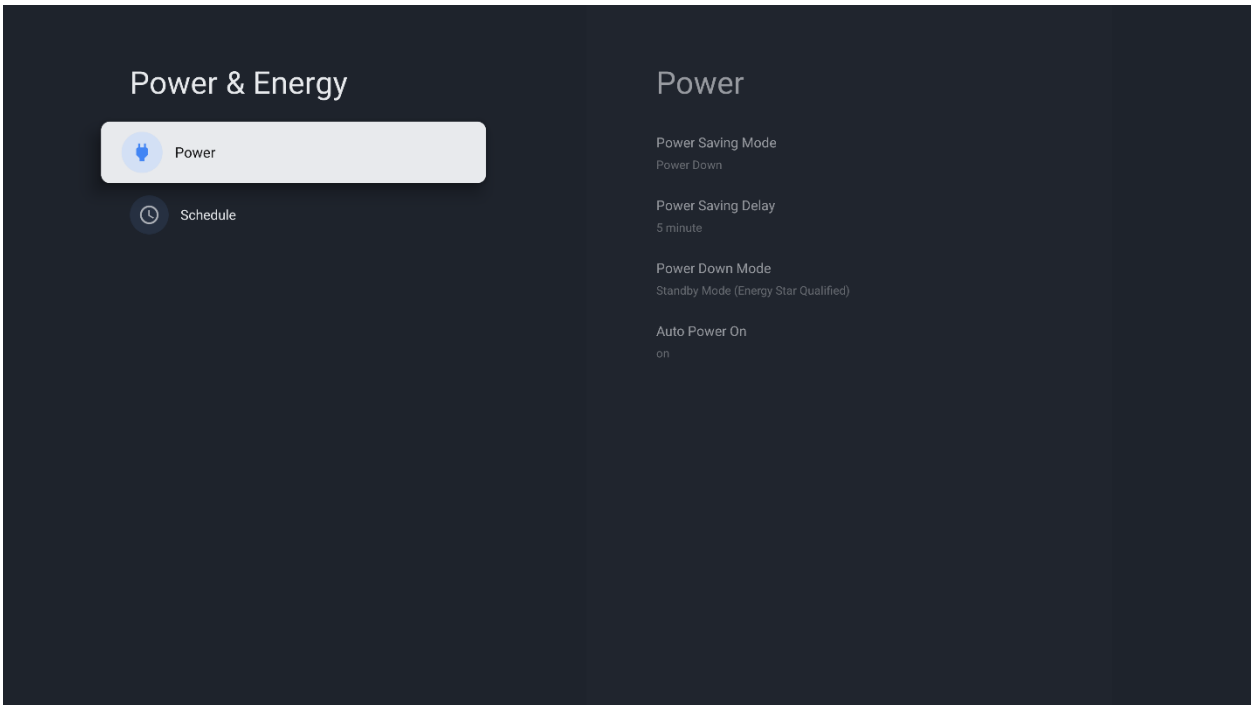
Sound Output Selections

- Select an output audio device. If the selected audio device is not available, it will automatically failover to a different audio device. The audio device failover order is Bluetooth, Lineout, HDMI eARC, HDMI ARC, Speakers
- **Options:** Auto, Speaker, HDMI ARC, HDMI eARC, Bluetooth, Lineout, Speaker + Bluetooth, Speaker + Lineout
- **Default:** Auto

Reset to Default

- Resets Sound settings to default.

17.4 Power & Energy



17.4.1 Power

Power Saving Mode

- Set the action to take if there is no signal detected after the period of time specified by the **Power Saving Delay** setting.
- **Options:** Disabled, Wake On Signal, Power Down
- **Default:** Power Down
    - **Disabled:** Once powered on, the display will remain on even if no signal is present.
    - **Wake On Signal:** The display will enter a standby mode if no video signal is detected.
        - **Note:** Sending an OFF command will bypass Wake On Signal detection and enter the fast startup mode like Always On.
        - **Note:** If Failover detection has been enabled, the display will automatically search for a signal on other inputs before entering standby.
    - **Power Down:** The display will enter a standby sleep state specified by the **Power Down Mode** setting.

Power Saving Delay

- Sets the amount of time before initiating the standby state specified in **Power Saving Mode** when no signal is present.
- **Options:** Never, 1 Minute, 5 Minutes, 15 Minutes, 30 Minutes, 60 Minutes
- **Default:** 5 Minutes

Power Down Mode

- Selects the standby behavior of the display.
- **Options:** Standby Mode, Networked Standby Mode, Fast Startup
- **Default:** Standby Mode
- **Standby Mode:** Achieves the lowest standby power consumption and disables network communications while in standby.
- **Networked Standby Mode:** This is the same as Standby Mode but also supports waking up the display using Wake-on-Lan (WoL).
- **Fast Startup:** The display will enter a standby state with partially reduced power, allowing for 3-5 second wait between an ON command being sent, and image being displayed. CEC, DB9 RS232, and network communication will remain active

Auto Power On

- Select the behavior of the display when AC power is turned on.
- **Options:** On, Off, Previous State
- **Default:** On

17.4.2 Schedule

Scheduled Power On

- Power on the display on a schedule.
- **Options:** Off, On, Once
- **Default:** Off
    - **Off:** The display will not power on using a schedule.
    - **On:** The display will power on following the schedule set in **Power On Time.**
    - **Once:** The display will power on at the time set in **Power On Time** once, and then will set Scheduled Power On to Off

Power On Time

- Set the frequency and time that the display will automatically power on. Frequency allows the selection of Monday through Sunday.

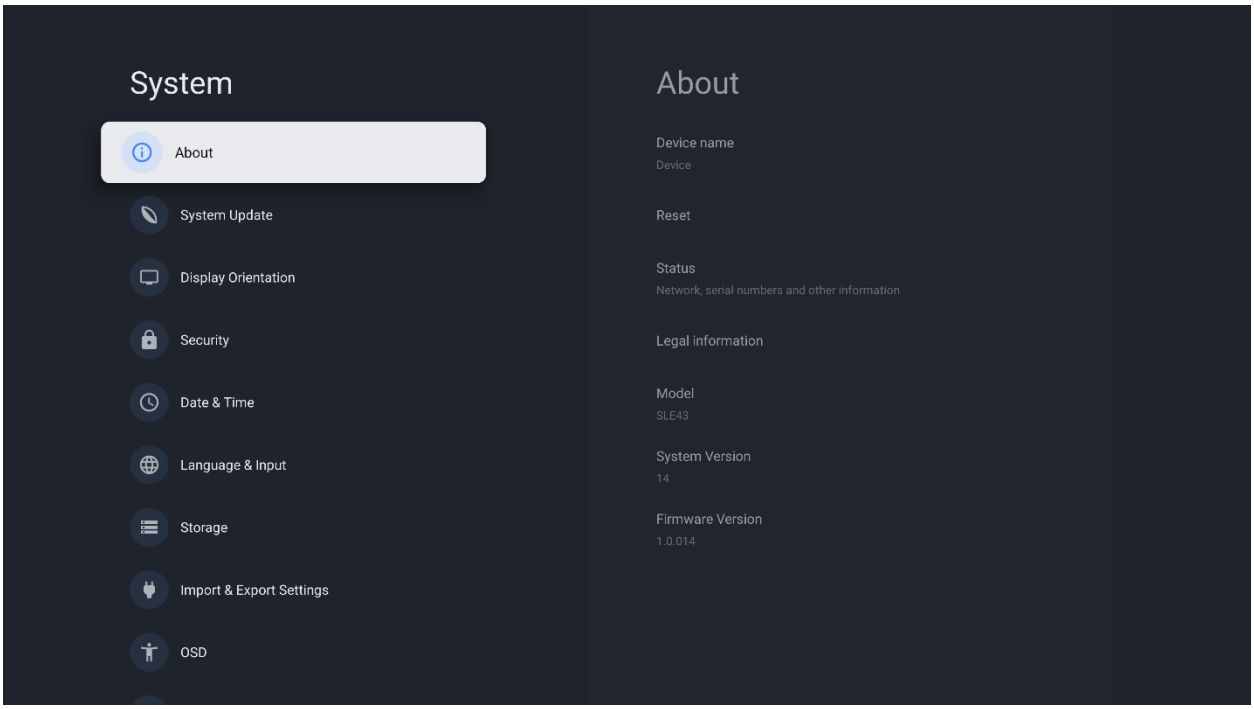
Scheduled Power Off

- The display will enter standby on a schedule.
- **Options:** Off, On, Once
- **Default:** Off
    - **Off:** The display will not enter standby using a schedule.
    - **On:** The display will enter standby following the schedule set in **Power Off Time.**
    - **Once:** The display will enter standby at the time set in **Power Off Time** once, and then will set Scheduled Power Off to Off

Power Off Time

- Set the frequency and time that the display will automatically enter standby. Frequency allows the selection of Monday through Sunday.

17.5 System



About

- This menu provides information on the display and includes a factory reset.
- **Device Name:** name of the display can be changed here
- **Reset:** this is a factory reset that will bring the display to default-shipped state and start the Initial Configuration setup.

Display Orientation

- Rotates the system UI orientation if the display is mounted in portrait orientation.
- **Options:** Landscape, Portrait
- **Default:** Landscape

Security

- **RS232:** when enabled, allows use of serial commands over the RS232 DB9 port.
- **IP Control:** when enabled, allows use of serial commands over the network.
- **Settings Lock:** when enabled, the settings menu is no longer accessible through the Android input.
- **Installation Lock:** when enabled, prevents installation of third-party applications.
- **Power Button Lock:** when enabled, the power button cannot be used to power off or power on the display.

Date and Time

- **Automatic date & time**
  - Automatically obtain the current date and time information from an NTP server.
  - **Options:** Off, On
  - **Default:** On
- **Set time zone**
  - Set the current time zone
- **Use 24-hour format**
  - Choose the format to show the time.
  - **Options:** Off, On
  - **Default:** On

Language & Input

- Change system language and manage keyboards.

OSD

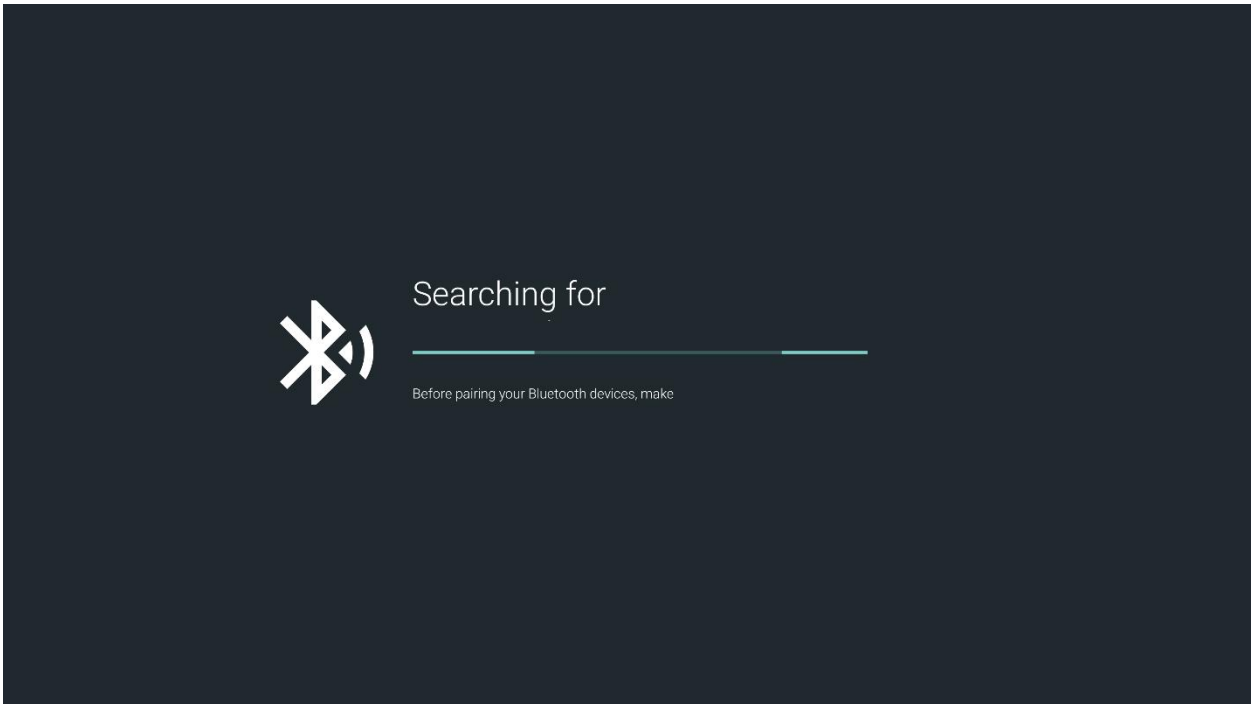
- **Information OSD Timeout**
  - Select whether the information message box displays on the screen, and for how long. Affected Pop-ups include Current source and signal timing, Entering Standby notification. Press ◀ or ▶ to select the desired level.
  - **Options:** Off, 1~60 seconds
  - **Default:** 10
- **Allow Pop Up Messages**
  - Suppress messages that pop up automatically. When set to No, the Information OSD and "Entering Standby…" message will not appear on the screen.
  - **Options:** Yes, No
  - **Default:** Yes
- **OSD Time Out**
  - Adjust the time in seconds before the OSD menu disappears. This also includes the Backlight and Volume OSD when volume changes are made with the IR remote. Press ◀ or ▶ to select the desired level.
  - **Options:** Off, 5~120 seconds
  - **Default:** 45
- **Blue Mute**
  - When enabled, it shows a blue blank screen when there is no signal.

Restart

- Reboots the display.

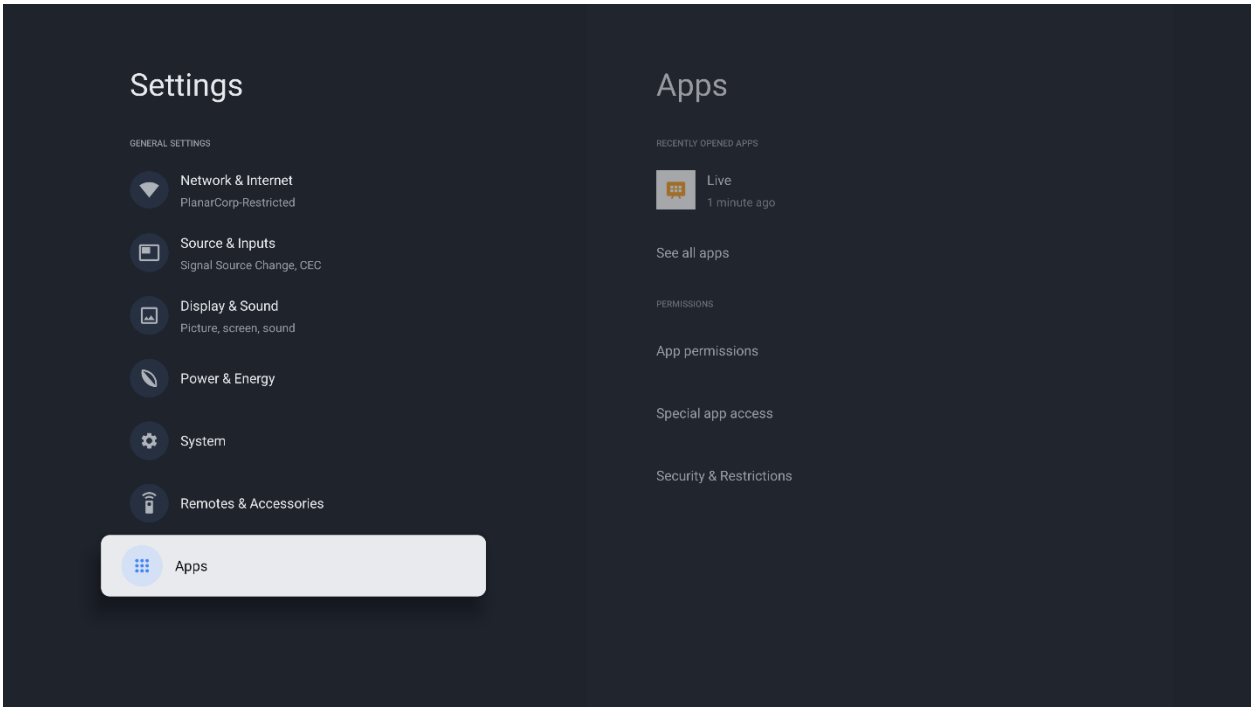
17.6 Remotes & Accessories

Pair Bluetooth devices with the display in this menu.



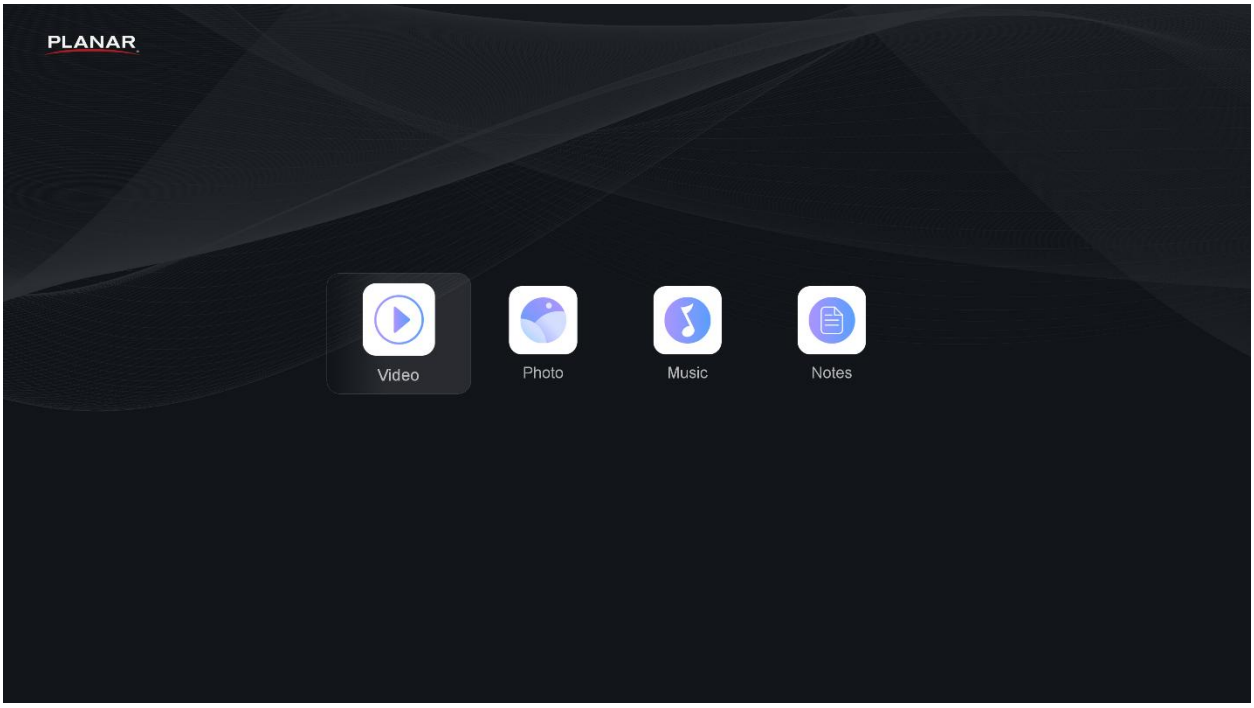
17.7 Apps

Manage installed apps on the display.



18. Media Player

The Planar Simplicity E Series display has an embedded Media Player that can be used to play videos, photos and/or music from a USB Drive. Please see below for more information.



18.1 Supported Media Formats

The table below outline the supported media formats and compatibility for video, audio, and visual content.

Media Player Video Compatibility		
Format	**File Types**	**Max Resolution and Bit Rate**
MPEG 1/2	MPEG program stream (.dat, .vob, .mpg, .mpeg) MPEG transport stream (.ts) MP4 (.mp4, .mov) 3GPP (.3gpp, .3gp) AVI (.avi) MKV (.mkv)	1080p/30Hz 40Mbps
MPEG 4	MP4 (.mp4) AVI (.avi) MKV (.mkv)	1080p/30Hz 40Mbps
H.263	FLV (.flv) AVI (.avi)	1080p/30Hz 40Mbps
H.264	FLV (.flv) MP4 (.mp4) MPEG transport stream (.ts) AVI (.avi) MKV (.mkv)	4K/60Hz 135Mbps

Media Player Video Compatibility		
Format	**File Types**	**Max Resolution and Bit Rate**
H.265	MP4 (.mp4, .mov) MPEG transport stream (.ts) MKV (.mkv)	4K/60Hz 100Mbps
Google VP8	MKV (.mkv) WebM (.webm)	1080p/30Hz 50Mbps

Media Player Audio Compatibility		
Format	**File Types**	**Max Bit Rate and Sampling Rate**
MPEG Audio (MPEG 1/2/2.5 Audio Layer 1/2/3)	MP3	8-448 Kbps 16-48 KHz 2 Channel
AAC Audio (MAIN, ADIF, ATDS Header, AAC-LC, AAC-HE	AAC M4A	3-576 Kbps 8-48 KHz 5.1 Channel

Media Player Image Compatibility		
Format	**File Types**	**Max Resolution**
JPEG (JFIF file format 1.2)	JPG JPEG	1920 x 1080
BMP	BMP	15360 x 8640
PNG	PNG	1920 x 1080

External Control

In addition to using the Planar Simplicity E Series remote control and display, there are other methods of controlling the Planar Simplicity E Series display externally:

- Send serial commands to control or check the status of the display. The same set of commands can be used over RS232 or TCP. See the *Planar Simplicity E Series Serial Commands User Manual* for more information.

- Using discrete infrared (IR) codes to program a third-party remote control.

Signal Compatibility

Compatible Video Sources						
Signal Type	**Resolution**	**Frame Rate (Hz)**	**Line Rate (kHz)**	**Pixel Rate (MHz)**	**HDMI 1-3**	**References**
PC	640x350	70.090	31.469	25.175	x	
	640x480	59.940	31.469	25.175	x	VESA DMT, CEA-861-F Format 1
	640x480	72.809	37.861	31.500	x	VESA DMT
	640x480	75.000	37.500	31.500	x	VESA DMT
	720x400	70.087	31.469	28.322	x	
	800x600	56.250	35.156	36.000	x	
	800x600	60.317	37.879	40.000	x	VESA DMT
	800x600	72.188	48.077	50.000	x	VESA DMT
	800x600	75.000	46.875	49.500	x	VESA DMT
	832x624	74.551	49.726	57.284	x	
	1024x768	60.004	48.363	65.000	x	VESA DMT
	1024x768	70.069	56.476	75.000	x	VESA DMT
	1024x768	75.029	60.023	78.750	x	VESA DMT
	1280x720	59.855	44.772	74.500	x	VESA CVT
	1280x768	59.870	47.776	79.500	x	VESA CVT
	1280x768	74.893	60.289	102.250	x	
	1280x800	59.810	49.700	83.500	x	
	1280x1024	60.020	63.981	108.000	x	VESA DMT
	1280x1024	75.025	79.976	135.000	x	VESA DMT
	1440x900	59.887	55.935	106.500	x	
	1680x1050	59.954	65.290	146.250	x	VESA CVT
	1920x1080	59.934	66.587	138.500	x	VESA CVT-R
SDTV	480i	60			x	SMPTE 125M, CEA-861-F Formats 6 & 7
	576i	50			x	ITU-R BT.601, CEA-861-F Formats 21 & 22
EDTV	480p	60	31.469	27.000	x	ITU-R BT.1358, CEA-861-F Format 17 & 18
	576p	50	31.250	27.000	x	SMPTE 125M, CEA-861-F Format 6 & 7
HDTV	1080i	50	28.125	74.500	x	SMPTE 274M, CEA-861-F Format 20
	1080i	60	33.750	74.250	x	SMPTE 274M, CEA-861-F Format 5
	720p	50	37.500	74.250	x	SMPTE 296M, CEA-861-F Format 19
	720p	60	45.000	74.250	x	SMPTE 296M, CEA-861-F Format 4
	1080p	50	56.250	148.500	x	SMPTE 274M, CEA-861-F Format 31
	1080p	60	67.500	148.500	x	SMPTE 274M, CEA-861-F Format 16
UHDTV	3840x2160	24	54.000	297.000	x	CEA-861-F Format 93, HDMI 1.4b VIC 1
	3840x2160	25	56.250	297.000	x	CEA-861-F Format 94, HDMI 1.4b VIC 2
	3840x2160	30	67.500	297.000	x	CEA-861-F Format 95, HDMI 1.4b VIC 3
	3840x2160	50	56.250	297.000	x	CEA-861-F Format 96, 4:2:0 sub-sampling
	3840x2160	50	112.500	594.000	x	CEA-861-F Format 96
	3840x2160	60	67.500	297.000	x	CEA-861-F Format 97, 4:2:0 sub-sampling
	3840x2160	60	135.000	594.000	x	CEA-861-F Format 97

Color Subsampling Support

Video Timing	Input	RGB 4:4:4	YUV 4:4:4	YUV 4:2:2	YUV 4:2:0
4K @ 50/60 Hz	HDMI 1-3	X	X	X	X
All Other Supported Timings	HDMI 1-3	X	X	X	

Power Consumption

The power consumption values stated in the Specifications table are calculated under the typical conditions of viewing a single source with default settings. The “Power Consumption: Backlight Max (Typ.)” value is instead calculated by increasing the default value of 90 to 100, and multiplying the wattage by approximately 1.1. The power consumption would increase if any other factor was introduced and should be taken into account when estimating power consumption.

Specifications

Item	SLE43	SLE50	SLE55
LCD Panel			
Resolution	3840x2160		
Aspect Ratio	16:9		
Screen Size	43"	50"	55"
Orientation	Landscape/Portrait		
Brightness (Typ.)	500 cd/m^2		
Contrast Ratio (Typ.)	4000:1	1200:1	4000:1
Viewing Angle (Typ.)	178 degrees		
Response Time (Typ.)	8ms		
Color Gamut	DCI-P3 90%		
Display Color	1.07 billion (10-bit depth)		
Haze (Typ.)	25%		
Connectivity			
Standard Inputs	HDMI® x 3 (HDCP 2.3/1.4), Wi-Fi 5 (801.11 b/g/n, 2.4G & 5G), BlueTooth 5.0 USB 3.0 x1, USB 2.0 x1		
HDCP 2.2	Yes (HDMI)		
Audio Output	PC Line Out, HDMI 2 ARC/eARC		
Control and Monitoring	LAN RJ45, Wi-Fi 5 (802.11 b/g/n, 2.4G & 5G) with 802.1X support, BlueTooth 5, RS232, HDMI-CEC		
Mechanical			
Display Dimensions	38.2" x 22.0" x 2.8" (971.0mm x 560.0mm x 70.0mm)	44.3" x 25.4" x 2.7" (1124.6mm x 644.8mm x 68.5mm)	48.8" x 27.9" x 2.8" (1238.4mm x 709.2mm x 70mm)
Bezel Width	0.5" (12.8mm)		
Display Weight	17.6 lbs (8 kg)	22.9 lbs (10.4 kg)	28.7 lbs (13 kg)
Mounting	Wall mount included. VESA: 300mm x 300mm	Wall mount included. VESA: 400mm x 300mm	Wall mount included. VESA: 400mm x 300mm
Fanless	Yes		
Speakers	10W x 2 built-in		

Item	SLE43	SLE50	SLE55
Usage			
Recommended Usage	24x7		
Backlight	D-LED		
Backlight Life	30,000 hours min		
Power Source			
Power Consumption (Typ.)	89W	110W	135W
Power Consumption Backlight Max (Typ.)*	170W	200W	220W
BTU/hr (Typ.)	89W x 3.42 BTU = 304 BTU/hr	110W x 3.42 BTU = 376 BTU/hr	135W x 3.42 BTU = 462 BTU/hr
Standby Power Consumption	< 0.5W		
Input Voltage / Frequency	AC 100-240V 50-60 Hz		
AC Inlet Type	C17		
Environment			
Storage Temperature	Min -4°F ~ Max 131°F (-20°C ~ 55°C)		
Operating Temperature	Min 14°F ~ Max 104°F (-10-40°C) at up to 3000m		
Humidity	20-80% RH		
Approvals	FCC Class A, NRTL (cTUVus), CE		
ENERGY STAR CERTIFIED	Yes		

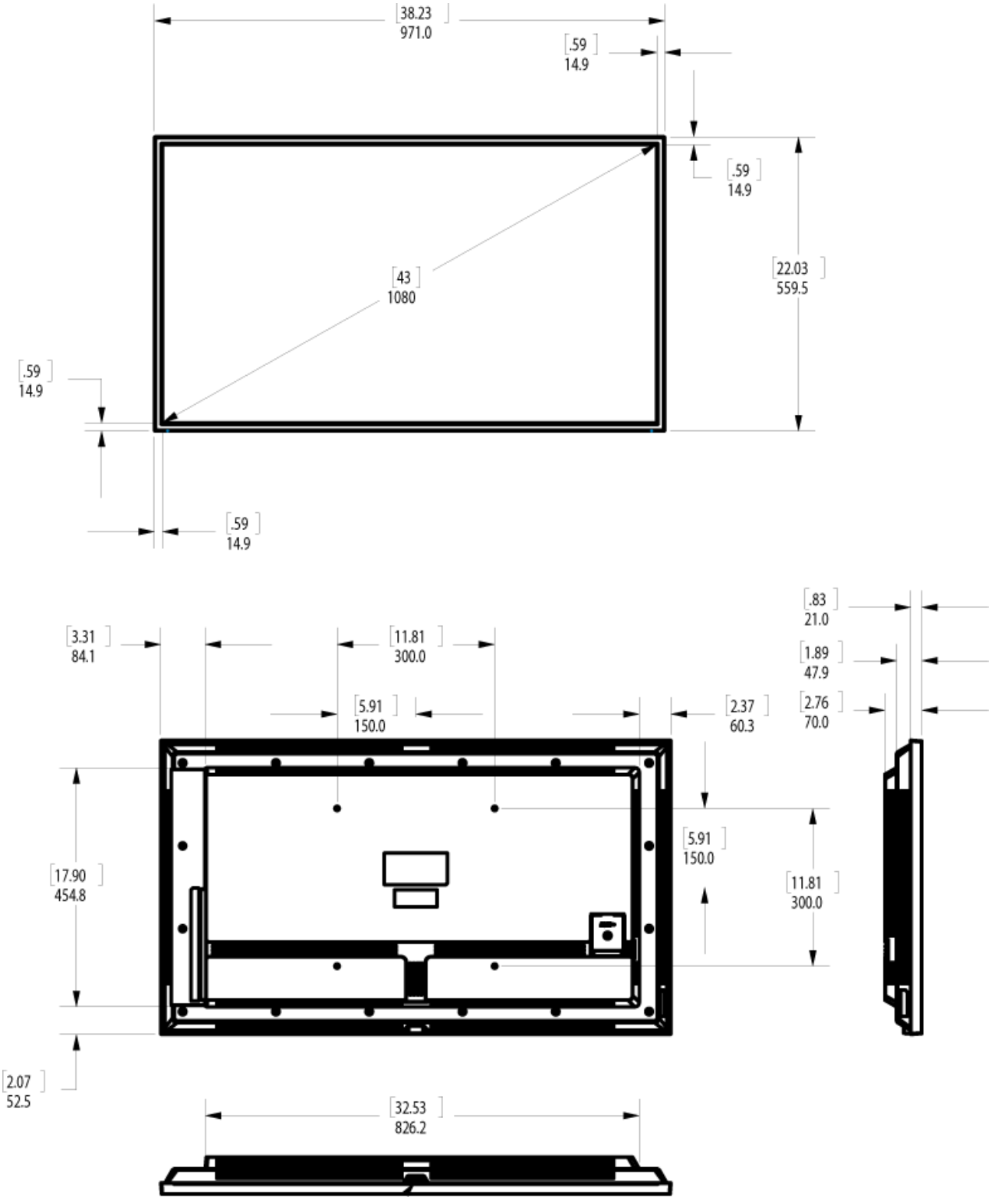
* Refer to Power Consumption section (page 58) for details on how this is calculated.

Item	SLE65	SLE75	SLE86	SLE98
LCD Panel				
Resolution	3840x2160			
Aspect Ratio	16:9			
Screen Size	65"	75"	86"	98"
Orientation	Landscape/Portrait			
Brightness (Typ.)	500 cd/m^2			
Contrast Ratio (Typ.)	4000:1			
Viewing Angle (Typ.)	178 degrees			
Response Time (Typ.)	8ms			
Color Gamut	DCI-P3 90%			
Display Color	1.07 billion (10-bit depth)			
Haze (Typ.)	25%			
Connectivity				
Standard Inputs	HDMI® x 3 (HDCP 2.3/1.4), Wi-Fi 5 (801.11 b/g/n, 2.4G & 5G), BlueTooth 5.0 USB 3.0 x1, USB 2.0 x1			
HDCP 2.2	Yes (HDMI)			
Audio Output	PC Line Out, HDMI 2 ARC/eARC			
Control and Monitoring	LAN RJ45, Wi-Fi 5 (802.11 b/g/n, 2.4G & 5G) with 802.1X support, BlueTooth 5, RS232, HDMI-CEC			
Mechanical				
Display Dimensions	57.4" x 32.8" x 2.7" (1457.7mm x 832.4mm x 68.8mm)	66.1" x 37.7" x 2.7" (1679.0mm x 957.1mm x 68.5mm)	75.9" x 43.3" x 2.7" (1928.6 x 1099.2 x 69.0mm)	86.7" x 49.5" x 4.4" (2202.0mm x 1257.7mm x 110.5mm)
Bezel Width	0.5" (12.8mm)	0.5" (12.8mm)	0.5" (13.9mm)	0.8" (19.8mm)
Display Weight	39.0 lbs (17.7 kg)	61.1 lbs (27.7 kg)	90.4 lbs (41 kg)	134.5 lbs (61 kg)
Mounting	Wall mount included. VESA: 500mm x 500mm		Wall mount included. VESA: 700mm x 500mm	
Fanless	Yes			
Speakers	10W x 2 built-in			

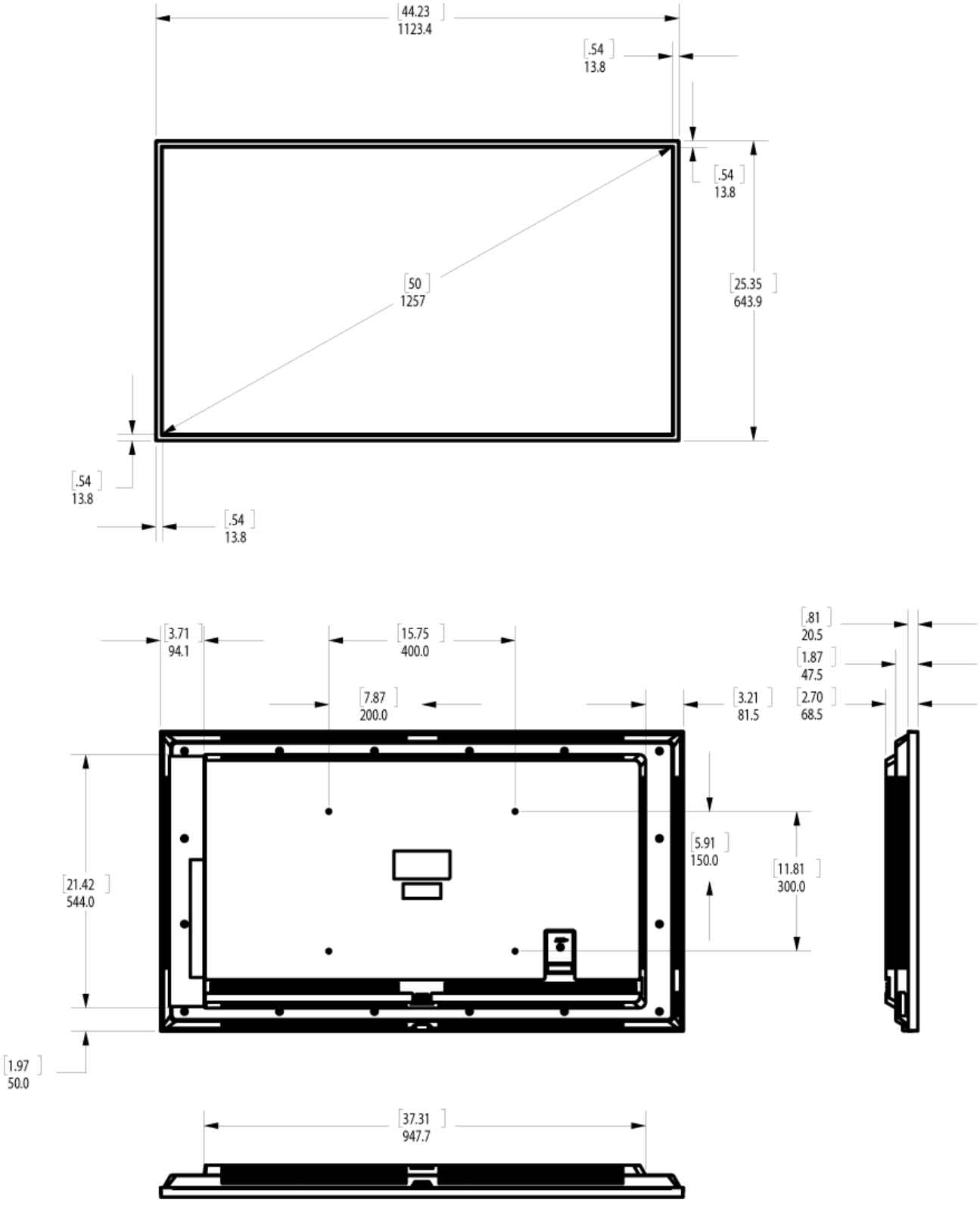
Item	SLE65	SLE75	SLE86	SLE98
Usage				
Recommended Usage	24x7			
Backlight	D-LED			
Backlight Life	30,000 hours min			
Power Source				
Power Consumption (Typ.)	161W	195W	216W	338W
Power Consumption Backlight Max (Typ.)*	260W	280W	330W	490W
BTU/hr (Typ.)	161W x 3.42 BTU = 551 BTU/hr	195W x 3.42 BTU = 667 BTU/hr	216W x 3.42 BTU = 739 BTU/hr	338W x 3.42 BTU = 1156 BTU/hr
Standby Power Consumption	< 0.5W			
Input Voltage / Frequency	AC 100-240V 50-60 Hz			
AC Inlet Type	C17			
Environment				
Storage Temperature	Min -4°F ~ Max 131°F (-20°C ~ 55°C)			
Operating Temperature	Min 14°F ~ Max 104°F (-10-40°C) at up to 3000m			
Humidity	20-80% RH			
Approvals	FCC Class A, NRTL (cTUVus), CE			
ENERGY STAR CERTIFIED	Yes			

Dimensions

SLE43



SLE50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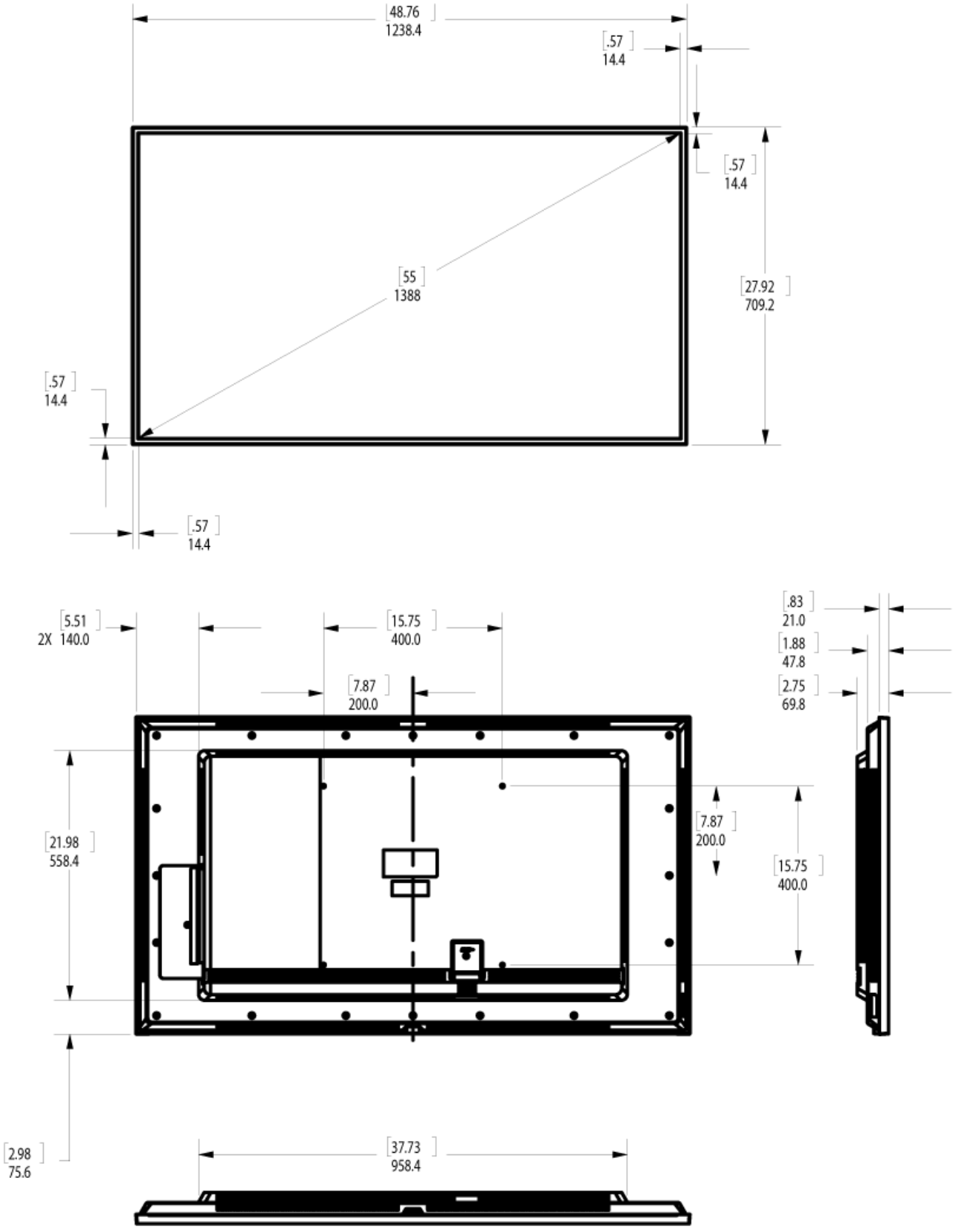
SLE55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200.0
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1.88
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558.4
7.87
200.0
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2.98
75.6
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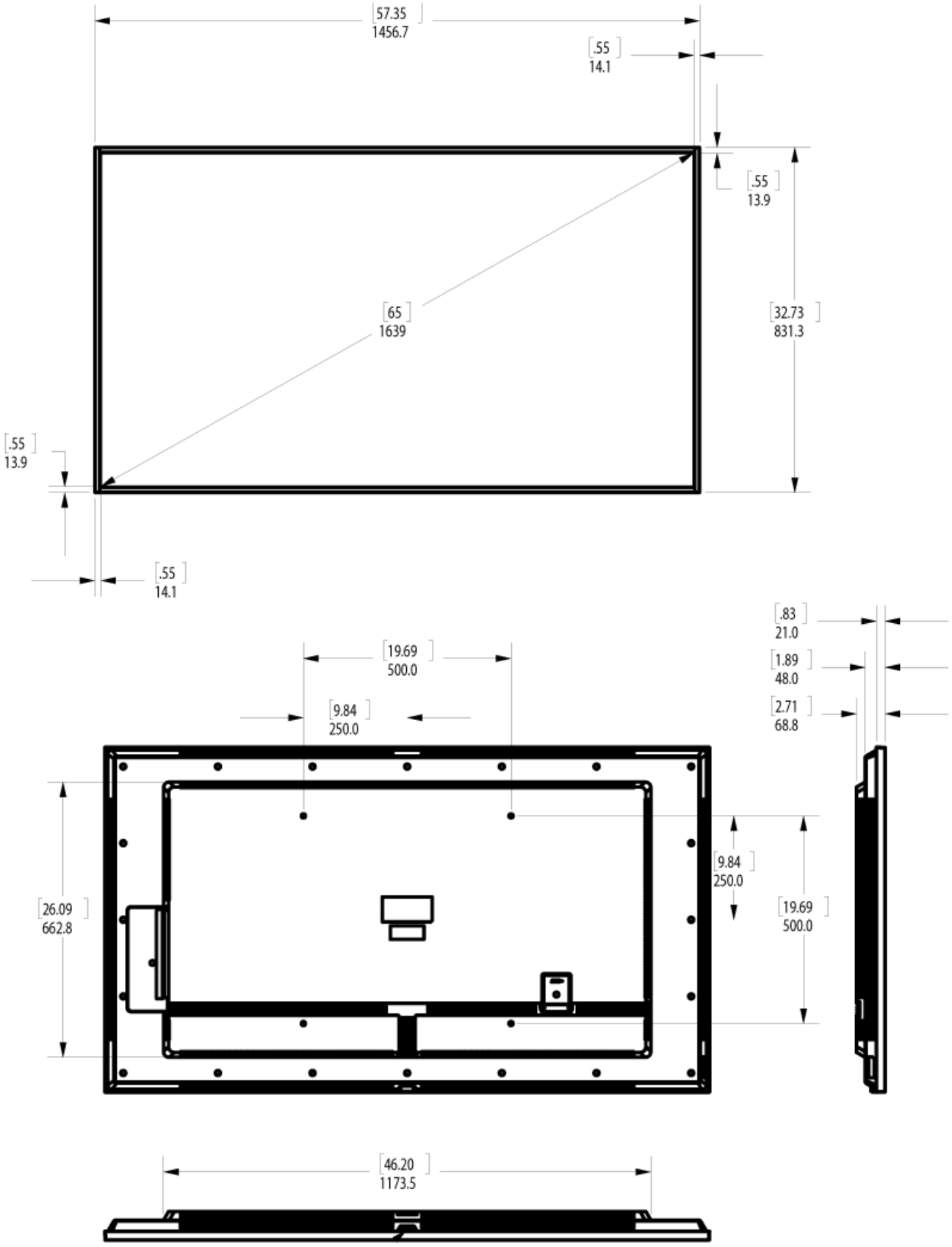
958.4

SLE65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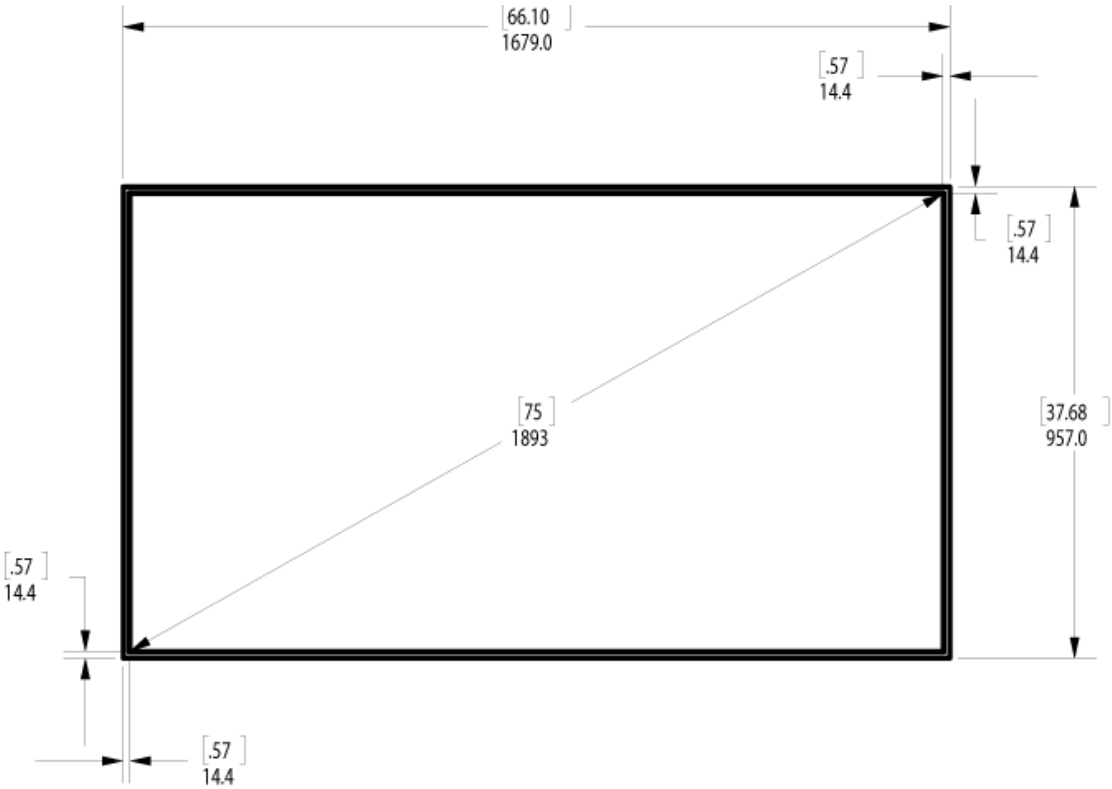
SLE75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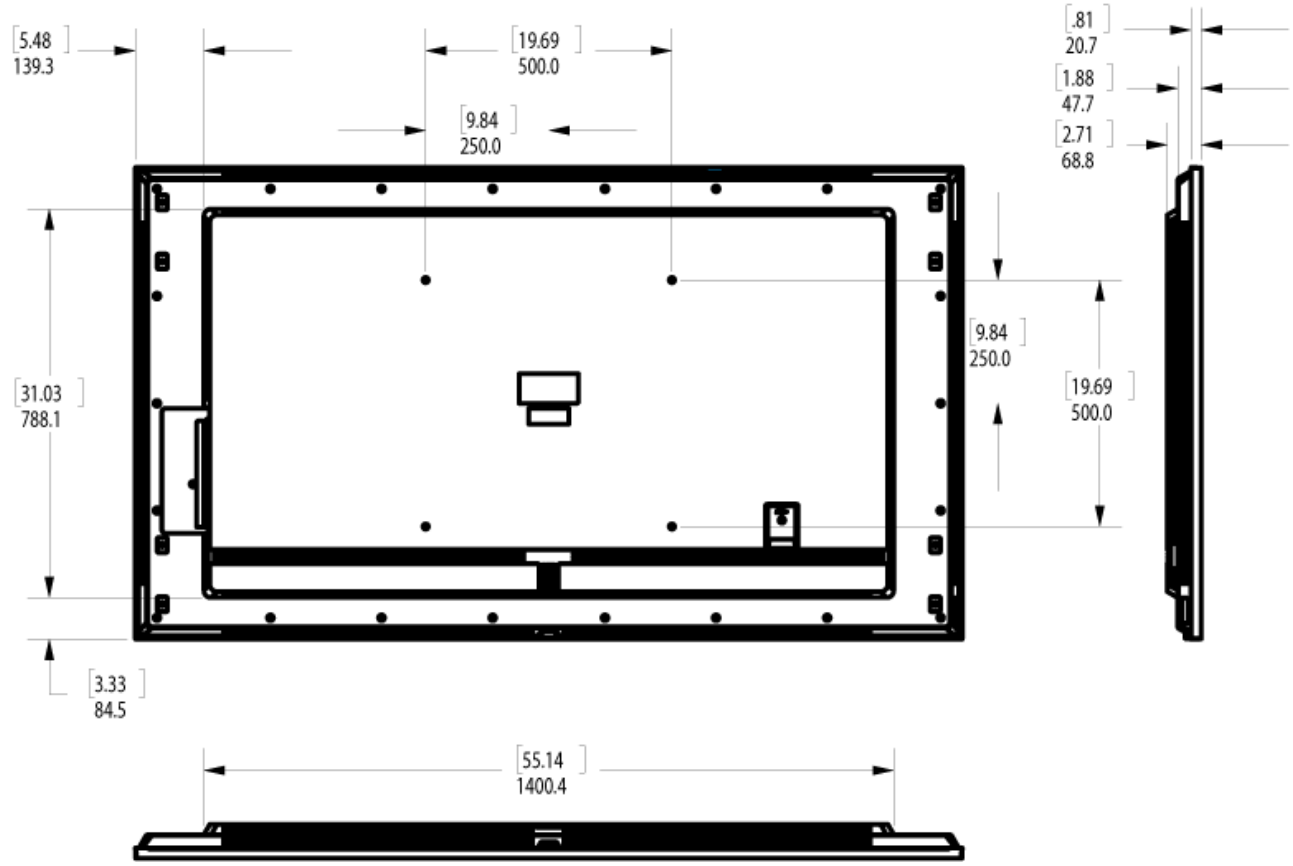
14.4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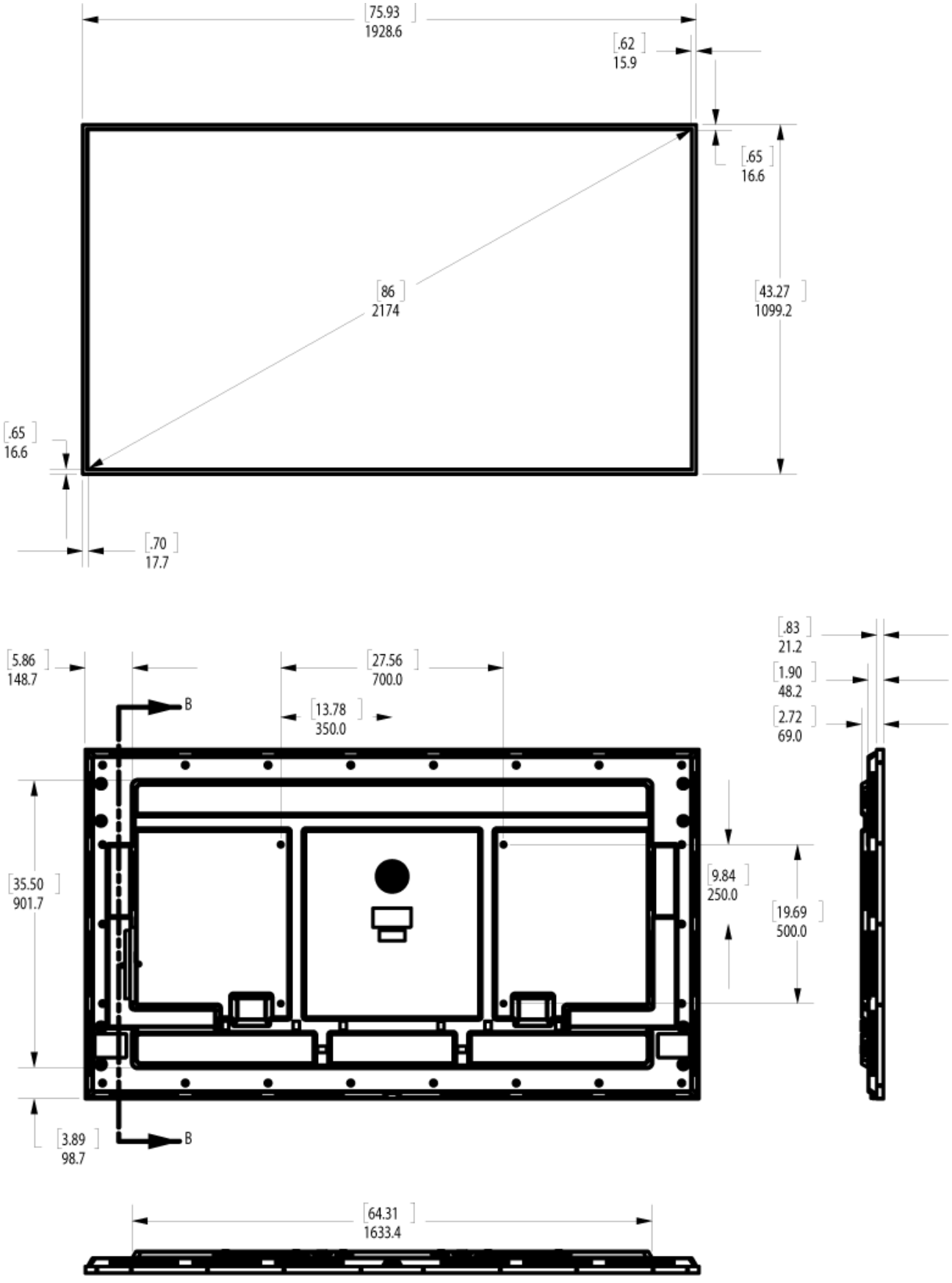
55.14
1400.4

SLE86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.83
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1.90
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2.72
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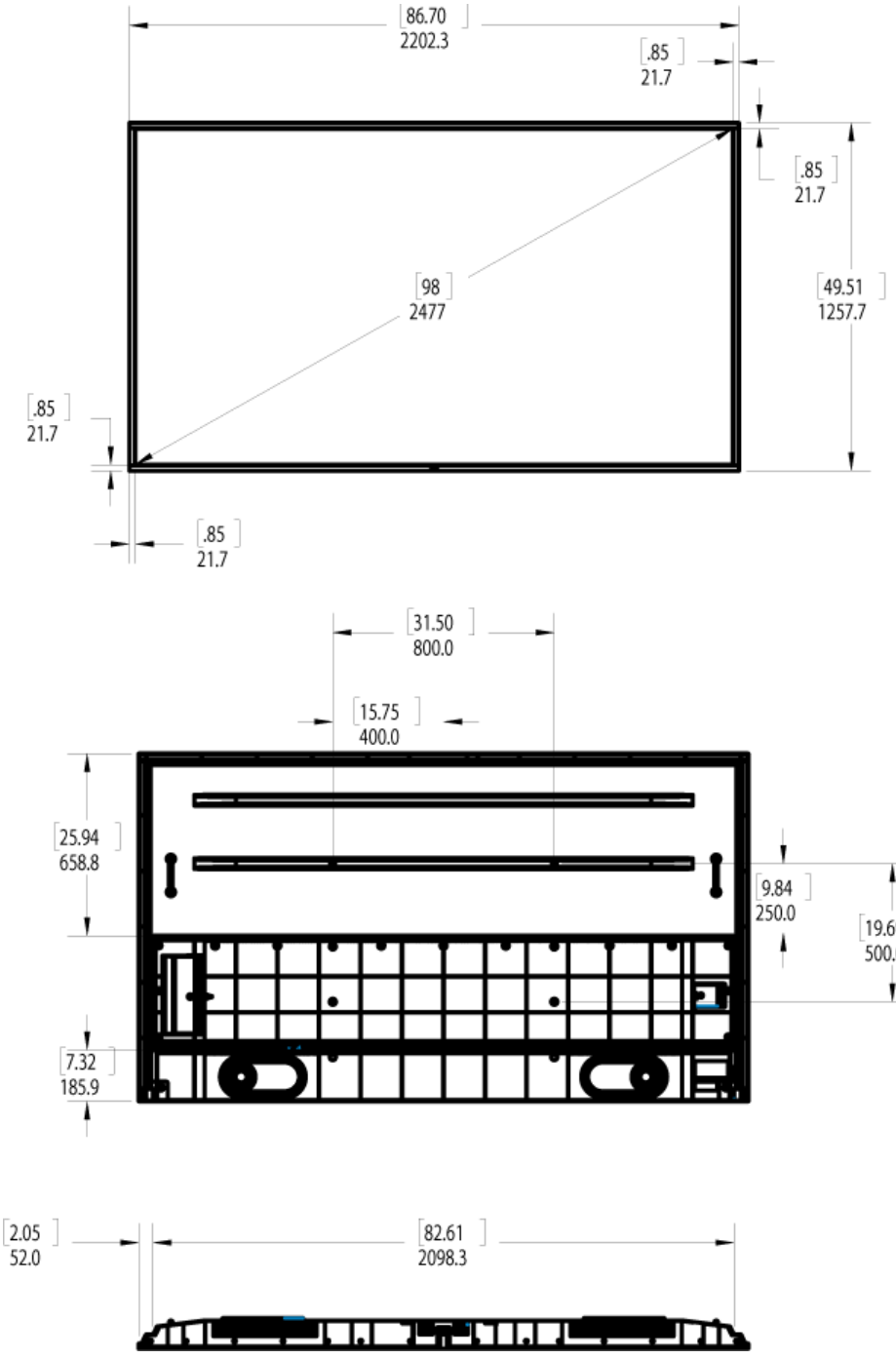
SLE98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800.0
15.75
400.0
25.94
658.8
9.84
250.0
19.69
500.0
7.32
185.9
1.50
38.1
3.40
86.3
3.97
100.7
4.35
110.5
2.05
52.0
82.61
2098.3

Troubleshooting During Installation

This section includes troubleshooting information about different issues you may encounter during the installation process or after your display has been running for some time. If you are not able to solve your issue in this section, please contact Planar's Technical Support team for assistance.

19. Symptoms, Possible Causes and Solutions

Below are different symptoms that you might encounter as you install your Planar Simplicity E Series display. First look at the different symptoms to see if you can find your issue. And then look at the possible cause and try the suggested solution(s). If you still are not able to resolve your issue, please contact Planar's Technical Support Department.

19.1 Symptom: Display Doesn't Respond to External Control System

Solution

Confirm the **Power Down Mode** setting. **Fast Startup** is required to enable the use of external control devices. **Standby Mode** and **Network Standby Mode** disables all external control except IR, allowing the display to be in the lowest power setting. See "Power Down Mode" on page 49.

19.2 Symptom: Can't Get PC to Output 4K @ 24/30/60 Hz

Solution

Make sure you are using a high-speed HDMI or a Certified Premium HDMI cable. Standard HDMI cables might work but are not guaranteed.

Solution

Verify that the selected **HDMI EDID Version** setting in the OSD is **EDID 2.0**. If you change the EDID setting, you may need to disconnect and reconnect the cable.

19.3 Symptom: Embedded Apps Will Not Run

Possible Cause

The display is not connected to the network.

Solution

Attach display to the Internet – either by LAN or Wi-Fi.

Note: APKs installed by the user are not guaranteed to operate by Planar. See page 29.

Accessing the Planar Technical Support Website

Go to http://www.planar.com/support/ to locate the following support documents and resources:

- User Guide
- Serial Commands User Manual
- Standard Warranties
- Planar support hotline number and email