



V2-P50ES

V2-P50ES 50" Pro E Series 4K Ultra HD LED Commercial Display User Manual

Model: V2-P50ES

INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your V2-P50ES 50" Pro E Series 4K Ultra HD LED Commercial Display. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance. This display is designed for professional environments, offering vibrant 4K Ultra HD visuals and reliable performance for digital signage, presentations, and collaborative spaces.

SAFETY INFORMATION

Always observe the following safety precautions to prevent damage to the display and ensure user safety:

- Do not expose the display to rain or moisture.
- Do not block ventilation openings.
- Ensure proper grounding for the power supply.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel.
- Unplug the display during lightning storms or when unused for long periods.
- Handle the display with care to avoid physical damage.

WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- V2-P50ES 50" Pro E Series 4K Ultra HD LED Commercial Display
- Power Cable
- Remote Control
- User Manual (this document)



Figure 1: Front view of the V2-P50ES 50" Pro E Series 4K Ultra HD LED Commercial Display.

SETUP

1. Placement and Mounting

Choose a stable and well-ventilated location for the display. Ensure there is adequate space around the display for heat dissipation. If wall-mounting, use a VESA-compatible mount (not included) and follow the mount manufacturer's instructions. The display features a slim profile suitable for various installations.



Figure 2: Side profile of the V2-P50ES display, highlighting its slim design.

2. Connecting Cables

Before connecting any cables, ensure the display and all connected devices are powered off. Locate the input ports on the back of the display.



Figure 3: Rear view of the V2-P50ES display, showing the arrangement of various input and output ports.



Figure 4: Detailed view of the input ports, including HDMI, USB, and Ethernet connections.

- **Power Cable:** Connect the power cable to the display's power input and then to a grounded electrical outlet.
- **Video Input (HDMI/DisplayPort):** Connect your source device (e.g., PC, media player) to the display using an appropriate HDMI or DisplayPort cable. The display supports 4K resolution.
- **USB Ports:** Use the USB ports for connecting peripheral devices or for firmware updates.
- **Ethernet Port:** Connect an Ethernet cable for network connectivity, if required for your application.

3. Initial Power-On

After all cables are securely connected, plug the display's power cable into the electrical outlet. Press the power button on the display or the remote control to turn on the unit. The display will power on and show the initial setup screen or the last used input.

OPERATING

1. Power On/Off

Press the **Power** button on the remote control or on the display's control panel to turn the display on or off.

2. Input Selection

To switch between connected devices, press the **Input** or **Source** button on the remote control. Use the arrow keys to navigate through the available inputs (e.g., HDMI1, HDMI2, USB) and press **OK** or **Enter** to select.

3. Menu Navigation

Press the **Menu** button on the remote control to access the display's settings. Use the arrow keys to navigate through menu options such as Picture, Sound, Network, and System settings. Press **OK** or **Enter** to select an option, and **Back** or **Exit** to return to the previous menu or exit the menu.

4. Picture Settings

Within the Picture menu, you can adjust settings to optimize your viewing experience:

- **Brightness:** Adjusts the overall luminance of the screen.
- **Contrast:** Controls the difference between the brightest and darkest areas of the image.
- **Color:** Adjusts the intensity of colors.
- **Sharpness:** Enhances the clarity of image edges.
- **Aspect Ratio:** Selects the display format (e.g., 16:9, 4:3).
- **Picture Mode:** Choose from preset modes (e.g., Standard, Dynamic, Movie, User) for different viewing environments.

MAINTENANCE

1. Cleaning the Display

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a non-abrasive screen cleaner. Do not spray cleaner directly onto the screen. For the display casing, use a soft, dry cloth.

- Always unplug the display before cleaning.
- Avoid using abrasive cleaners, waxes, or solvents.
- Do not allow liquids to enter the display's interior.

2. General Care

- Avoid placing heavy objects on the display.
- Do not expose the display to direct sunlight or extreme temperatures.
- Ensure proper ventilation to prevent overheating.
- If moving the display, ensure it is powered off and all cables are disconnected.

TROUBLESHOOTING

This section addresses common issues you might encounter. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet not working; Display is off.	Ensure power cable is securely connected; Test outlet with another device; Press the power button.
No image/signal	Incorrect input selected; Source device not powered on; Video cable loose or faulty.	Select the correct input source; Power on the source device; Check video cable connections.
Poor picture quality	Resolution mismatch; Picture settings incorrect; Faulty cable.	Ensure source resolution matches display's native resolution (4K); Adjust picture settings (brightness, contrast); Try a different video cable.
Remote control not working	Batteries are dead or incorrectly inserted; Obstruction between remote and display.	Replace batteries; Ensure line of sight to the display's IR receiver.

SPECIFICATIONS

Key technical specifications for the V2-P50ES 50" Pro E Series 4K Ultra HD LED Commercial Display:

- **Model Number:** V2-P50ES
- **Screen Size:** 50 Inches
- **Display Resolution Maximum:** 4K Ultra HD (3840 x 2160)
- **Refresh Rate:** 60 Hz
- **Product Dimensions:** 2.6 x 2.1 x 28 inches
- **Brand:** Generic
- **Manufacturer:** AVARRO
- **ASIN:** B0DSBY8J44
- **Date First Available:** January 6, 2025

WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact the manufacturer directly. For technical support, troubleshooting assistance, or service inquiries, please contact AVARRO customer support through their official channels.

Note: Warranty terms may vary by region and retailer. Keep your proof of purchase for warranty claims.

