

Sharp 4P-B86EJ2U

Sharp NEC 86-inch 4K UHD Professional Display (Model 4P-B86EJ2U) Instruction Manual

Your guide to setup, operation, and maintenance.

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Sharp NEC 86-inch 4K UHD Professional Display, model 4P-B86EJ2U. This display is designed for commercial and professional applications, offering high-resolution visuals and reliable performance for extended operating hours. Please read this manual thoroughly before installation and operation, and retain it for future reference.



Image: The Sharp NEC 86-inch Professional Display, model 4P-B86EJ2U, is shown integrated into a commercial environment, displaying a vibrant advertisement for perfume. The display is mounted vertically within a white frame, highlighting its suitability for digital signage and promotional content in retail or public spaces.

2. SAFETY INFORMATION

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

- **Power Supply:** Connect the display only to a grounded power outlet with the specified voltage (120V AC). Do not overload power strips or extension cords.
- **Ventilation:** Ensure adequate ventilation around the display. Do not block ventilation openings or install the display in an enclosed space without proper airflow.
- **Handling:** The display is heavy. Always use appropriate lifting techniques and sufficient personnel when moving or installing the unit.
- **Moisture:** Keep the display away from water, rain, or excessive humidity. Do not operate with wet hands.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Avoid liquid cleaners directly on the screen.
- **Servicing:** Do not attempt to service the display yourself. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Sharp NEC 86-inch 4K UHD Professional Display (Model 4P-B86EJ2U)
- Display Stand
- Power Cord
- Remote Control (with batteries)
- Instruction Manual (this document)

4. SETUP

4.1 Unpacking

1. Place the display carton on a flat, stable surface.
2. Carefully open the carton and remove any packing materials.
3. With assistance, lift the display out of the carton. Avoid touching the screen directly.

4.2 Stand Installation

If using the included stand:

1. Carefully place the display face down on a soft, clean surface to prevent screen damage.
2. Attach the stand to the designated mounting points on the back of the display using the provided screws. Ensure all screws are tightened securely.
3. With assistance, carefully place the display upright on a stable, level surface.

4.3 Wall Mounting (Optional)

The display supports VESA-compliant wall mounts. Refer to your wall mount's instructions for proper installation. Ensure the wall mount can support the display's weight (approximately 123 pounds).

4.4 Connecting Devices

1. **Power:** Connect the power cord to the display's power input and then to a grounded 120V AC power outlet.
2. **Video Input:** Connect your video source (e.g., media player, computer) to the display using an HDMI cable. The display supports 4K resolution via HDMI.
3. **USB:** For firmware updates or media playback (if supported by the display's internal player), connect a USB device to the USB port.

4.5 Initial Power-On

1. Ensure all connections are secure.
2. Press the power button on the display or the remote control.
3. Follow any on-screen prompts for initial setup, such as language selection or input source.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

Use the remote control or the buttons on the display to navigate the menu and control functions:

- **Power:** Turns the display on or off.
- **Input/Source:** Selects the desired input source (HDMI 1, HDMI 2, USB, etc.).
- **Menu:** Accesses the main settings menu.
- **Navigation Buttons:** Used to move through menu options.
- **Enter/OK:** Confirms selections.

5.2 Display Settings

Access the main menu to adjust various display parameters:

- **Picture Mode:** Select from predefined picture settings (e.g., Standard, Dynamic, Custom).
- **Brightness:** Adjust the overall luminance of the screen (rated at 380 cd/m2).
- **Contrast:** Adjust the difference between the lightest and darkest areas of the image (rated at 1,200:1).
- **Resolution:** The display supports 4K Ultra-HD (3840 x 2160) resolution. Ensure your source device is configured to output at this resolution for optimal clarity.
- **Aspect Ratio:** Set the display aspect ratio to 16:9 or other available options to match your content.

5.3 Landscape Mode

The display is designed for operation in landscape orientation. Ensure physical installation matches this orientation for proper viewing.

5.4 Extended Operation (16/7)

This professional display is engineered for reliable operation up to 16 hours a day, 7 days a week, making it suitable for demanding commercial environments.

6. MAINTENANCE

6.1 Cleaning the Screen

1. Turn off the display and unplug the power cord.
2. Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution (do not spray directly onto the screen).
3. Allow the screen to dry completely before plugging in the power cord and turning on the display.

6.2 Cleaning the Cabinet

Wipe the display cabinet with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

6.3 Firmware Updates

Periodically check the Sharp NEC support website for available firmware updates. Follow the instructions provided with the update package for installation via USB.

7. TROUBLESHOOTING

If you encounter issues with your display, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cord disconnected; Power outlet faulty; Display off	Check power cord connection; Test outlet with another device; Press power button on display/remote
No signal/No picture	Incorrect input source selected; Video cable loose/faulty; Source device off/faulty	Select correct input source; Check video cable connections; Ensure source device is on and working
Picture too dark/bright	Brightness/Contrast settings incorrect	Adjust Brightness and Contrast settings in the OSD menu
Remote control not working	Batteries depleted; Obstruction between remote and display; Remote sensor blocked	Replace batteries; Remove obstructions; Ensure remote sensor is clear

If the problem persists after attempting these solutions, please contact Sharp NEC customer support.

8. SPECIFICATIONS

Key technical specifications for the Sharp NEC 86-inch 4K UHD Professional Display (Model 4P-B86EJ2U):

- **Model Number:** 4P-B86EJ2U
- **Screen Size:** 86 Inches (85.6" Diagonal)
- **Display Technology:** LED (Direct LED Backlighting)
- **Resolution:** 4K Ultra-HD (3840 x 2160)
- **Aspect Ratio:** 16:9
- **Brightness:** 380 cd/m²
- **Contrast Ratio:** 1,200:1
- **Refresh Rate:** 60 Hz
- **Operating Hours:** 16/7 (16 hours per day, 7 days a week)
- **Connectivity:** HDMI, USB
- **Product Dimensions (D x W x H):** 3.7" x 75.7" x 3.7" (Note: H dimension seems incorrect based on typical display measurements, likely refers to depth)
- **Item Weight:** 123 Pounds
- **Voltage:** 120 Volts (AC)
- **Wattage:** 8 watts (Note: This wattage value is unusually low for a display of this size and resolution. Please refer to the product label for accurate power consumption.)
- **Special Feature:** Flat Panel Design




9. WARRANTY AND SUPPORT

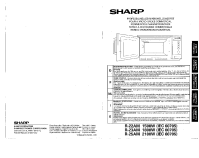
Your Sharp NEC Professional Display is covered by a manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Sharp NEC website. For technical assistance, troubleshooting beyond this manual, or to inquire about service, please

contact Sharp NEC customer support directly.
Online Support: www.sharpnecdisplays.us

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Related Documents - 4P-B86EJ2U

	<p>Sharp MultiSync EA242W LCD Monitor Operation Manual</p> <p>This operation manual provides detailed instructions and safety precautions for the Sharp MultiSync EA242W LCD monitor, covering setup, usage, maintenance, and troubleshooting.</p>
	<p>Sharp PN-M501/M401: 24/7 Professional LCD Monitors for Digital Signage</p> <p>Explore the Sharp PN-M501 and PN-M401 professional LCD monitors, featuring built-in SoC, 24/7 operation, and versatile digital signage capabilities. Learn about their connectivity, software integration with SHARP e-Signage S, and flexible installation options for various business environments.</p>
	<p>SHARP E224FL/E244FL LCD Monitor Kezelési Útmutató</p> <p>Ez a részletes kezelési útmutató a SHARP MultiSync® E224FL és E244FL LCD monitorok biztonságos és hatékony használatához nyújt útmutatást. Fedezze fel a telepítési, beállítási, karbantartási és hibaelhárítási információkat.</p>

<p>SHARP</p> <p>LCD MONITOR <i>MultiSync®</i> EA241F EA271F EA241W</p> <p><small>Setup Manual Manual d'installation Manual de configuración</small></p> <p>HDMI™</p> <p><small>MODEL: 22-E200F 00, E241F00-0000F0, E271F00-0000F0, E241W00-0000F0, E271W00-0000F0</small></p>	<p>Sharp EA241F, EA271F, EA241W LCD Monitor Setup Manual</p> <p>This setup manual provides essential information for installing, connecting, and safely operating Sharp EA241F, EA271F, and EA241W LCD monitors. It covers setup procedures, safety warnings, and product specifications.</p>
<p>SHARP</p> <p>PN-V601</p> <p><small>液晶显示器 使用指南</small></p> <p>HDMI</p>	<p>Sharp PN-V601 LCD Monitor Operation Guide</p> <p>Comprehensive operation guide for the Sharp PN-V601 LCD monitor, detailing setup, basic operations, menu system, remote control functions, PC control via RS-232C and LAN, troubleshooting steps, and technical specifications.</p>
	<p>SHARP R-22AM, R-23AM, R-25AM Commercial Microwave Oven User Manual</p> <p>User manual for SHARP commercial microwave ovens, models R-22AM, R-23AM, and R-25AM. Provides operating instructions, safety guidelines, maintenance, and cooking charts for professional use.</p>