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Samsung LS32D85KTSR/ZA

Samsung SD850 32-inch WQHD LED Monitor User Manual

Model: LS32D85KTSR/ZA

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient use of your Samsung SD850 32-inch WQHD LED Monitor. Please read these instructions thoroughly before operating the device to ensure proper setup and functionality. The Samsung SD850 monitor features a 32-inch display with WQHD (2560x1440) resolution, offering approximately 1.8 times clearer visuals than Full HD. It boasts a 16:9 aspect ratio and a brightness of 300 cd/m2, providing a clear and vibrant viewing experience for various applications.

2. PACKAGE CONTENTS

Verify that all the following items are included in your product package:

- Samsung S32D850T 32" Widescreen LED Backlit LCD Monitor
- Install CD (Manual)
- Mini-DisplayPort to DisplayPort Cable



Image: The Samsung SD850 monitor unboxed, showing the display unit, stand components, various cables (DisplayPort, HDMI, DVI, USB 3.0), and an installation CD.

3. SETUP INSTRUCTIONS

3.1 Assembling the Stand

Carefully remove the monitor from its packaging. Attach the stand base to the stand neck, then secure the assembled stand to the back of the monitor. Ensure all connections are firm.



Image: A side profile of the Samsung SD850 monitor, highlighting its adjustable stand which allows for height, tilt, and pivot adjustments.

3.2 Connecting Cables

Connect the power cable to the monitor and a power outlet. Use the provided Mini-DisplayPort to DisplayPort cable to connect your computer to the monitor. Additional video inputs (HDMI, DVI) and USB 3.0 ports are available for other devices.



Image: The rear panel of the Samsung SD850 monitor, displaying various input ports including DisplayPort, HDMI, DVI, and multiple USB 3.0 ports, along with the power input.

3.3 Monitor Placement

Position the monitor on a stable, flat surface. Ensure adequate ventilation around the monitor. The monitor supports VESA 100x100mm wall mounting for alternative placement options.



Image: A diagram illustrating the physical dimensions of the 32-inch monitor (29.2 inches or 74 cm wide) in relation to a seated person, providing a sense of scale for desk placement.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button located on the bottom right of the monitor bezel to turn the monitor on or off. The power indicator light will illuminate when the monitor is active.

4.2 Input Source Selection

Use the 'Source' button on the monitor's control panel to cycle through available input sources (DisplayPort, HDMI, DVI). The monitor also features an Auto Source Switch function that automatically detects and displays the correct signal from newly connected devices.

4.3 On-Screen Display (OSD) Menu

Access the OSD menu using the control buttons to adjust various display settings such as brightness, contrast, color temperature, and picture modes. Navigate through the menu using the directional buttons and confirm selections with the 'Enter' button.

5. KEY FEATURES

- **WQHD Resolution:** Experience visuals at 2560x1440, providing significantly more detail than Full HD.
- **Optimal Aspect Ratio:** A 16:9 aspect ratio is ideal for both productivity and entertainment.
- **Fast Response Time:** A 5ms (GTG) response time minimizes motion blur for smooth video and gaming.
- **Versatile Connectivity:** Equipped with DisplayPort, HDMI, DVI, and a 4-port USB 3.0 hub for extensive peripheral support.
- **Ergonomic Stand:** The stand offers tilt, swivel, pivot, and height adjustments for comfortable viewing.
- **VESA Mount Compatible:** Supports VESA 100x100mm mounting for flexible installation.

6. SPECIFICATIONS

Feature	Specification
Screen Size	32 Inches
Screen Resolution	2560x1440 (WQHD)
Max Screen Resolution	2560 x 1440
Aspect Ratio	16:9 (1.78:1)
Response Time	5 (GTG)ms
Brightness	300 cd/m ²
Pixel Pitch (H x V)	0.27675mm x 0.27675mm
Number of USB 3.0 Ports	4
Product Dimensions (with stand)	29.18 x 24.80/19.68 x 11.02 inches
Product Dimensions (without stand)	29.18 x 17.36 x 2.69 inches
Item Weight	27 pounds
Mounting Type	Wall-Mount: VESA 100 x 100mm
Power Consumption (Max)	100 W

Feature	Specification
Voltage	100-240 Volts
Color	Titanium Silver/Matte Black

7. MAINTENANCE

To maintain optimal performance and extend the lifespan of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Management:** Unplug the monitor from the power outlet during electrical storms or when it will be unused for extended periods.

8. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

- **No Power:** Check if the power cable is securely connected to both the monitor and the power outlet. Ensure the power outlet is functional.
- **No Signal:** Verify that the video cable (DisplayPort, HDMI, DVI) is correctly connected to both the monitor and your computer. Ensure the correct input source is selected on the monitor.
- **Flickering Screen:** Check the video cable connection. Try adjusting the refresh rate or resolution settings on your computer.
- **Image Quality Issues:** Adjust brightness, contrast, and color settings via the OSD menu. Ensure your computer's display drivers are up to date.
- **USB Ports Not Working:** Ensure the USB 3.0 upstream cable is connected from the monitor to your computer.

If problems persist after attempting these steps, consult the full manual on the provided installation CD or contact Samsung customer support.

9. WARRANTY AND SUPPORT

Your Samsung SD850 monitor is covered by a manufacturer's warranty. Please refer to the warranty information provided on the installation CD or visit the official Samsung website for details regarding warranty terms, conditions, and service procedures.

For technical assistance, product registration, or to find authorized service centers, please visit the Samsung support website or contact their customer service hotline. Keep your purchase receipt and product serial number handy when seeking support.