Samsung P2350-1

Samsung P2350-1 23-Inch Widescreen LCD Monitor User Manual

Model: P2350-1

1. Introduction

Thank you for purchasing the Samsung P2350-1 23-inch Widescreen LCD Monitor. This manual provides essential information for the safe and efficient use of your monitor. Please read it thoroughly before operating the device and retain it for future reference.

The Samsung P2350-1 features a 23-inch Full HD (1920x1080) display, a 50,000:1 dynamic contrast ratio, and a rapid 2ms response time, designed to deliver clear and vibrant visuals for various applications.

2. Safety Information

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

- Do not place the monitor on an unstable cart, stand, or table.
- Do not block ventilation openings.
- Do not expose the monitor to rain or moisture to avoid fire or electric shock.
- Use only the power cord and adapter supplied with the monitor.
- Disconnect the power plug from the wall outlet if the monitor will be unused for a long period.
- Refer all servicing to qualified service personnel.

3. Package Contents

Verify that all items are present in your product package:

- Samsung P2350-1 LCD Monitor
- Power Cable
- VGA Cable (may vary by region)
- DVI Cable (may vary by region)
- User Manual (this document)

- Installation CD (may vary by region)

4. SETUP

4.1. Assembling the Stand

Carefully attach the monitor stand to the display panel. Ensure it is securely fastened according to the instructions provided in the quick setup guide (if included). Place the monitor on a stable, flat surface.
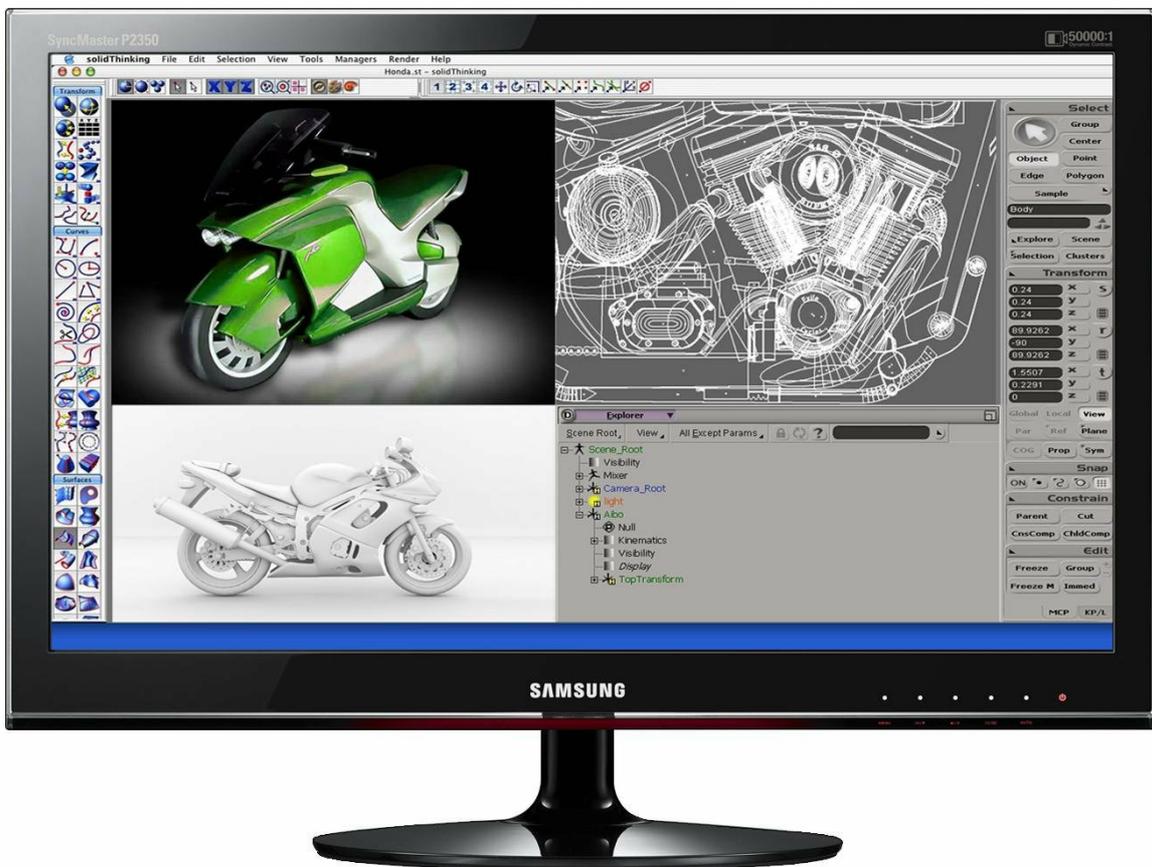

Figure 4.1: Samsung P2350-1 monitor with its stand, displaying a graphical interface.

4.2. Connecting Cables

Connect the necessary cables to the monitor and your computer or video source.

1. **Power Cable:** Connect the power cable to the monitor's power input port, then plug the other end into a grounded electrical outlet.

2. **Video Cable:** Choose one of the following video connections:

- **HDMI Connection:** Connect an HDMI cable from your computer's HDMI output to the monitor's HDMI input.
- **DVI-D Connection:** Connect a DVI-D cable from your computer's DVI output to the monitor's DVI-D input.
- **VGA Connection:** Connect a VGA cable from your computer's VGA output to the monitor's VGA input.

4.3. Powering On

Press the power button on the monitor. Turn on your computer or video source. The monitor should automatically detect the input signal. If not, you may need to manually select the input source using the OSD menu.

5. OPERATING THE MONITOR

5.1. On-Screen Display (OSD) Menu

The monitor features touch-sensitive OSD control buttons, typically located on the bottom right bezel. These buttons allow you to navigate and adjust various monitor settings.

Figure 5.1: The Samsung P2350-1 monitor displaying a detailed graphical interface, highlighting the screen's clarity and color reproduction.

Common OSD menu options include:

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **MagicBright:** Select preset picture modes (e.g., Text, Internet, Game, Sport, Movie, Custom).
- **Color:** Adjust color temperature, red, green, and blue levels.
- **Image:** Fine-tune horizontal/vertical position, clock, and phase for analog (VGA) signals.
- **Input:** Manually select the input source (HDMI, DVI, VGA).
- **Setup & Reset:** Access language settings, OSD display time, and factory reset options.

5.2. Picture Settings

Optimize your viewing experience by adjusting the following settings:

- **Resolution:** The optimal resolution for this monitor is 1920 x 1080 (Full HD). Ensure your computer's display settings are configured to this resolution.
- **Refresh Rate:** The monitor supports a 60 Hz refresh rate.
- **Dynamic Contrast Ratio:** The monitor features a 50,000:1 dynamic contrast ratio for enhanced detail in dark and bright scenes. This feature is typically enabled by default or through specific MagicBright modes.
- **Response Time:** With a 2 Milliseconds (G to G) response time, the monitor minimizes motion blur in fast-moving images.

6. MAINTENANCE

6.1. Cleaning the Monitor

To clean the monitor screen and cabinet:

- Always unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a specialized screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using abrasive cleaners, waxes, or solvents.

6.2. Storage

If storing the monitor for an extended period, disconnect all cables, pack it in its original packaging (if available), and store it in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

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

Problem	Possible Solution
No Power	Ensure the power cable is securely connected to both the monitor and a working electrical outlet. Check if the power indicator light is on.
No Signal / Blank Screen	Verify that the video cable (HDMI, DVI, or VGA) is properly connected to both the monitor and the computer. Ensure the computer is powered on. Use the OSD menu to manually select the correct input source.
Image is blurry or distorted (VGA only)	Adjust the 'Clock' and 'Phase' settings in the OSD menu. Ensure the display resolution is set to 1920x1080 on your computer.
Colors are incorrect	Reset the color settings in the OSD menu to factory defaults or adjust individual RGB levels. Check your computer's graphics card settings.
Monitor flickers	Ensure the video cable is securely connected. Check the refresh rate setting on your computer; it should be 60 Hz.

8. SPECIFICATIONS

Feature	Specification
Model Number	P2350-1
Screen Size	23 Inches
Display Type	LCD
Resolution	FHD 1080p (1920 x 1080)
Aspect Ratio	16:9
Contrast Ratio	50,000:1 (Dynamic)
Refresh Rate	60 Hz
Response Time	2 Milliseconds (G to G)
Connectivity	HDMI, DVI-D, VGA
Screen Finish	Glossy
Item Weight	10.6 Pounds
Color	Rose Black
Mounting Type	Wall Mount (VESA compatible, adapter not included)
Additional Features	Touch-sensitive OSD controls, Touch of Color (ToC) design

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This Samsung P2350-1 monitor is covered by a **1-year warranty** which includes parts, labor, and backlight. Please retain your proof of purchase for warranty claims. The warranty period begins from the date of original purchase.

9.2. Customer Support

For technical assistance, service inquiries, or further information, please visit the official Samsung support website or contact Samsung customer service in your region. Contact details can typically be found on the Samsung website or in your product's warranty card.