Samsung P2770HD

Samsung P2770HD 27-Inch LCD HDTV Monitor User Manual

1. Introduction

This manual provides essential information for the safe and efficient use of your Samsung P2770HD 27-Inch LCD HDTV Monitor. Please read these instructions thoroughly before operating the device and retain them for future reference. This monitor combines the functionality of a high-definition television with a computer monitor, offering versatile connectivity and a clear viewing experience.

2. Safety Information

Always observe the following safety precautions to prevent electric shock, fire, or damage to the unit:

- Do not expose the monitor to rain or moisture.
- Do not open the monitor casing. Refer all servicing to qualified personnel.
- Ensure proper ventilation; do not block ventilation openings.
- Use only the power cord supplied with the unit or an approved replacement.
- Place the monitor on a stable, level surface to prevent it from falling.
- Unplug the monitor during lightning storms or when unused for long periods.

3. Package Contents

Verify that your package contains the following items:

- Samsung P2770HD Monitor
- Power Cable
- Remote Control
- HDMI Cable
- Stand Components (Base and Neck)

Note: Additional cables (e.g., VGA, Component) may be sold separately.

4. Product Overview

The Samsung P2770HD is a 27-inch LCD HDTV monitor designed for both computer and television use. It features a built-in digital TV tuner, multiple input options, and integrated speakers.



Figure 4.1: Front view of the Samsung P2770HD monitor, showcasing its display and sleek design.

Key features include:

- **Display:** 27-inch Full HD (1920x1080) LCD panel with a 16:9 aspect ratio.
- **Connectivity:** Multiple inputs including 1 HDMI, 1 VGA, 1 Component, 1 Composite, and 1 D-sub (15 pin) for versatile device connections.
- **Audio:** Integrated 3Wx2 stereo speakers, Dolby Digital Plus, SRS TruSurround HD, and 5.1 optical SPDIF out.
- **TV Tuner:** Built-in digital TV tuner for receiving broadcast television signals.
- **Design:** Features a glossy finish and a stable stand.







Figure 4.2: Side profile of the Samsung P2770HD monitor, illustrating its slim design and stand.

5. Setup

5.1. Assembling the Stand

1. Carefully place the monitor face down on a soft, clean cloth to prevent scratches.
2. Attach the stand neck to the monitor's rear panel, ensuring it clicks securely into place.
3. Connect the stand base to the stand neck, aligning the tabs and securing with the provided screw.
4. Gently lift the monitor and place it upright on a stable surface.

5.2. Connecting Devices

The P2770HD offers various input ports on its rear panel:

- **HDMI:** Connect a Blu-ray player, game console, or computer for high-definition digital video and audio.
- **VGA (D-sub):** Connect a computer for analog video input.
- **Component (YPbPr):** Connect devices like DVD players or older game consoles for high-quality analog video.
- **Composite (AV):** Connect older video devices using RCA cables.
- **Audio In:** For analog audio input when using VGA or Component connections.
- **Antenna/Cable In:** Connect an antenna or cable TV coaxial cable for TV reception.

Ensure all cables are securely connected to both the monitor and the external device.

5.3. Power Connection

After connecting all necessary input devices, plug the power cable into the monitor's power input, then plug the other end into a grounded electrical outlet.

6. Operating the Monitor

6.1. Power On/Off

Press the **POWER** button on the monitor's front panel or on the remote control to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

6.2. Using the Remote Control

The remote control provides full functionality for navigating menus, changing inputs, adjusting volume, and more.




TV
TV/외부입력
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이전 채널
음량
채널
조용히
채널관리
메뉴
방송안내
간편메뉴
복귀
정보표시
종료
Factory
자막선택
음성다중
선호채널
동시화면
화면크기
자동조정
BN59-00727A
SAMSUNG



Figure 6.1: Remote control for the Samsung P2770HD monitor. Buttons include power, numerical keys, volume, channel, menu, and source selection.

Key Remote Functions:

- **POWER:** Turns the monitor on or off.
- **SOURCE:** Cycles through available input sources (HDMI, VGA, Component, TV).
- **MENU:** Opens the On-Screen Display (OSD) menu.
- **Navigation Buttons (Up/Down/Left/Right):** Used to navigate menu options.
- **ENTER/OK:** Confirms selections in the menu.
- **VOLUME (+/-):** Adjusts the sound level.
- **CHANNEL (+/-):** Changes TV channels (when in TV mode).

6.3. Input Selection

Press the **SOURCE** button on the remote control or the monitor's touch controls to switch between connected devices (e.g., PC, HDMI, Component, TV).

6.4. On-Screen Display (OSD) Menu

Press the **MENU** button on the remote to access the OSD. Use the navigation buttons to select and adjust settings for Picture, Sound, Channel, Setup, and Support.

- **Picture Settings:** Adjust brightness, contrast, sharpness, color, tint, and picture mode (e.g., Standard, Movie, Dynamic).
- **Sound Settings:** Control volume, sound mode (e.g., Standard, Music, Clear Voice), and balance.
- **Channel Settings:** Auto program channels, manually add/delete channels, and set up favorite channels (for TV mode).
- **Setup:** Configure language, time, sleep timer, and other general system settings.

7. Maintenance

7.1. Cleaning the Monitor

- Always unplug the monitor before cleaning.
- For the screen, gently wipe with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Do not spray cleaner directly onto the screen.
- For the cabinet, use a soft, dry cloth. Avoid abrasive cleaners or solvents.

7.2. 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.

8. 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 the monitor and a working electrical outlet. Press the power button on the monitor or remote.
No picture / "No Signal" message	Verify that the video cable (HDMI, VGA, Component) is securely connected to both the monitor and the source device. Select the correct input source using the **SOURCE** button. Ensure the source device is powered on.
No sound	Check the volume level on the monitor and the source device. Ensure the audio cable is connected if using VGA or Component. If using HDMI, verify the source device is sending audio. Check monitor sound settings in the OSD.
Remote control not working	Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the monitor's IR receiver.
Picture is distorted or incorrect colors	Adjust picture settings (brightness, contrast, color) in the OSD menu. If using a PC, ensure the display resolution and refresh rate are set correctly (1920x1080 at 60Hz is recommended).

9. Specifications

Technical specifications for the Samsung P2770HD 27-Inch LCD HDTV Monitor:

Feature	Specification
Brand	Samsung
Model Number	P2770HD
Screen Size	27 Inches
Display Type	LCD
Resolution	1920 x 1080 (FHD 1080p)
Aspect Ratio	16:9
Response Time	5 Milliseconds
Refresh Rate	120 Hz
Contrast Ratio	1000:1
Viewing Angle	170 Degrees
Connectivity Technology	HDMI, VGA
Hardware Connectivity	D-Sub, HDMI, VGA

Feature	Specification
Total Number of HDMI Ports	1
Number of Component Outputs	2
Additional Features	Built-In Speakers, Digital TV Tuner
Item Weight	18.1 Pounds
Color	Black

10. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Samsung support website. You can find detailed support resources, driver downloads, and contact information for customer service.

Samsung Customer Service: Please visit www.samsung.com/support for assistance.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question