AOC 27B35HM

AOC 27B35HM Full HD 27-inch Monitor User Manual

Model: 27B35HM

1. INTRODUCTION

Thank you for choosing the AOC 27B35HM Full HD 27-inch monitor. This display is designed to provide a high-quality visual experience with features such as a 120 Hz refresh rate, 1ms MPRT response time, and Adaptive Sync technology for smooth, responsive images. It also incorporates eye-care technologies like Low Blue Light and Flicker-Free to enhance viewing comfort during extended use. This manual will guide you through the setup, operation, and maintenance of your new monitor.

Figure 1: Front view of the AOC 27B35HM monitor, showcasing its 27-inch screen, 120Hz refresh rate, 1ms MPRT, Adaptive Sync, 3-sided frameless design, and Low Blue Light mode.

2. SAFETY INFORMATION

Please read all instructions carefully before using this product. Keep this manual for future reference.

- Do not place the monitor near water or in humid environments.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Avoid placing heavy objects on the power cord.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

3. PACKAGE CONTENTS

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

- AOC 27B35HM Monitor

- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- D-Sub (VGA) Cable (may vary by region)
- User Manual and Warranty Card

4. SETUP

4.1 Assembling the Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor's rear panel. Secure it with the provided screws.
3. Attach the stand base to the stand neck. Tighten the thumb screw at the bottom of the base.

4.2 Connecting to a Computer

The AOC 27B35HM monitor supports HDMI and D-Sub (VGA) connections.

1. **HDMI Connection:** Connect one end of the HDMI cable to the HDMI port on your computer's graphics card and the other end to the HDMI 1.4 port on the monitor.
2. **D-Sub (VGA) Connection:** Connect one end of the D-Sub cable to the VGA port on your computer's graphics card and the other end to the D-Sub port on the monitor.

Figure 2: Rear view of the monitor, illustrating the location of the HDMI and D-Sub input ports.

Figure 3: Detailed view of the monitor's connectivity options, specifically highlighting the HDMI 1.4 and D-Sub ports.

4.3 Power Connection

1. Connect the power cable to the monitor's power input.
2. Plug the other end of the power cable into a grounded electrical outlet.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

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

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the buttons or joystick (if applicable) on the monitor's bezel to navigate the menu.

Key OSD Functions:

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.
- **Input Select:** Manually switch between HDMI and D-Sub input sources.
- **Picture Mode:** Select from preset display modes (e.g., Standard, Text, Game, Movie).
- **Adaptive Sync:** Enable or disable Adaptive Sync for tear-free gaming (requires a compatible graphics card).
- **Low Blue Light Mode:** Reduce blue light emission to minimize eye strain.
- **Flicker-Free Technology:** This monitor features flicker-free technology to reduce eye fatigue during prolonged use.
- **HDR10:** The monitor supports HDR10 for enhanced color and contrast, providing a more vivid visual experience.

6. MAINTENANCE

6.1 Cleaning the Screen

Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of screen cleaner (non-ammonia based) and wipe gently. Do not spray cleaner directly onto the screen.

6.2 Cleaning the Exterior

Wipe the monitor's exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Power	Power cable not connected; Power outlet faulty.	Ensure power cable is securely connected to monitor and outlet; Test outlet with another device.
No Signal	Video cable not connected; Incorrect input selected.	Check video cable connections (HDMI/D-Sub); Use OSD menu to select correct input source.
Image is too dark/bright	Brightness/Contrast settings incorrect.	Adjust Brightness and Contrast settings via the OSD menu.
Image is distorted/blurry	Incorrect resolution; Faulty cable.	Set display resolution to 1920 x 1080; Try a different video cable.
Flickering screen	Refresh rate mismatch; Graphics card issue.	Ensure graphics card drivers are updated; Check monitor refresh rate settings in OS.

8. SPECIFICATIONS

Detailed technical specifications for the AOC 27B35HM monitor:

Feature	Specification
Brand	AOC
Model Number	27B35HM
Screen Size	27 inches (68.6 cm)
Resolution	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Refresh Rate	120 Hz
Response Time	1 ms (MPRT)
Panel Type	LED LCD
Surface Description	Matte
Contrast Ratio	1000:1 to 3000:1

Feature	Specification
Connectivity	1 x HDMI 1.4, 1 x D-Sub (VGA)
Special Features	Eye Care (Low Blue Light, Adaptive Sync), HDR10
Color	Black
Manufacturer	AOC International
Country of Origin	China

8.1 Energy Information

For detailed energy efficiency information, please refer to the EPREL database:
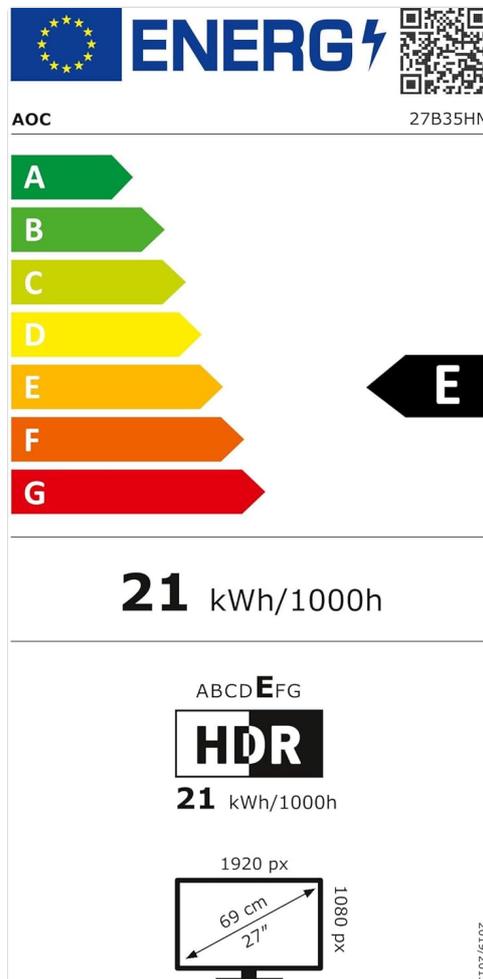
- EPREL Registration Number: 2046639
- EPREL Link: https://eprel.ec.europa.eu/qr/2046639

Figure 4: EU Energy Label for the AOC 27B35HM monitor, showing its energy efficiency class E and consumption of 21 kWh/1000h.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This product comes with a minimum guaranteed product support period of 8 years and a minimum guarantee period of 3 years offered by the supplier.

9.2 Customer Support

For technical assistance, warranty claims, or other inquiries, please contact AOC International (Europe) B.V. using the following information:

- **Website:** https://eu.aoc.com
- **Email:** kevin.yang@tpv-tech.com
- **Telephone:** +31 (0)20 504 6962
- **Address:** Prins Bernhardplein 200 1097 JB Amsterdam, Netherlands