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AOC 27B1H

AOC 27B1H 27" Full HD Monitor User Manual

MODEL: 27B1H

Brand: AOC

Product Overview

The AOC 27B1H is a 27-inch Full HD 1920x1080 monitor designed for a clear and immersive viewing experience. It features an elegant 3-sided borderless design and an ultra-slim profile, making it suitable for various environments. The IPS panel ensures wide viewing angles and vivid imagery, while Flicker-Free and Low Blue Light technologies help protect your eyes during extended use.



Figure 1: Front view of the AOC 27B1H monitor.

Key Features:

- 27-Inch Full HD (1920x1080) LED display.
- IPS panel for wide viewing angles and vibrant colors.
- 20,000,000:1 Smart Contrast Ratio.
- 3-Sided frameless design with ultra-slim bezels.
- Connectivity: HDMI 1.4 and VGA inputs with earphone output.
- AOC Flicker-Free technology for reduced eye strain.
- AOC Clear Vision for enhanced image clarity from various sources.
- Integrated Kensington slot for security.

What's in the Box

Please ensure all the following components are present in your package:

- AOC 27" Monitor
- Power Cord
- Power Adapter
- HDMI Cable

- Quick Start Guide

Setup Instructions

Follow these steps to set up your AOC 27B1H monitor:

1. **Assemble the Stand:** Carefully attach the monitor stand to the back of the display panel. Ensure it clicks securely into place or is fastened with the provided screw(s).
2. **Connect Video Cable:** Connect one end of the provided HDMI cable to the HDMI port on your computer's graphics card and the other end to the HDMI input port on the back of the monitor. Alternatively, you can use a VGA cable if your computer supports it.



Figure 2: Rear ports of the AOC 27B1H monitor, including HDMI and VGA inputs.

3. **Connect Power:** Connect the power adapter to the monitor's power input port, then plug the power cord into the power adapter and a wall outlet.
4. **Power On:** Press the power button on the monitor (usually located on the bottom right bezel) to turn it on.

Power on your computer. The monitor should automatically detect the input signal.

5. **Adjust Display Settings:** Once the display appears, you may need to adjust your computer's display settings (resolution, refresh rate) to match the monitor's optimal settings (1920x1080 resolution).



Figure 3: Side profile of the AOC 27B1H monitor, demonstrating its slim design.

Operating the Monitor

The AOC 27B1H monitor is designed for user-friendly operation. The control buttons are typically located on the bottom right side of the monitor bezel.

Basic Functions:

- **Power On/Off:** Press the power button to turn the monitor on or off.
- **Input Selection:** Use the input selection button (often labeled with an arrow or 'Input') to cycle through available video inputs (HDMI, VGA).

- **OSD Menu:** Access the On-Screen Display (OSD) menu to adjust various settings such as brightness, contrast, color temperature, and picture modes. Navigate the menu using the directional buttons.

Eye Care Features:

- **Flicker-Free Technology:** This technology reduces screen flickering, which can cause eye strain and fatigue during prolonged use.
- **Low Blue Light Mode:** Activate this mode through the OSD menu to reduce harmful blue light emissions, promoting more comfortable viewing, especially in low-light conditions.

Image Enhancement:

- **AOC Clear Vision:** This feature enhances the clarity and sharpness of images, particularly beneficial for content from analog or standard definition (SD) sources.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-abrasive screen cleaner. Avoid spraying liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Do not use strong detergents or abrasive cleaners.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked to prevent overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to conserve energy and prolong its lifespan.

Troubleshooting

If you encounter issues with your AOC 27B1H monitor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input selected.	Check power connections; Ensure video cable is securely connected to both monitor and computer; Select correct input source using monitor buttons.
Image is blurry or distorted	Incorrect resolution; Loose video cable.	Set computer's display resolution to 1920x1080; Re-seat video cable.
Screen flickering	Interference; Graphics card issue.	Ensure no strong electromagnetic devices are near; Update graphics drivers; Utilize monitor's Flicker-Free feature.

Problem	Possible Cause	Solution
No sound from earphone output	Volume too low; Incorrect audio output selected on computer.	Adjust monitor volume via OSD; Check computer's audio output settings.

For more detailed troubleshooting or complex issues, please refer to the official [AOC 27B1H User Manual \(PDF\)](#).

Specifications

Feature	Detail
Standing screen display size	27 Inches
Screen Resolution	1920x1080
Max Screen Resolution	1920 x 1080 Pixels
Brand	AOC
Series	B1 Series
Item model number	27B1H
Item Weight	7.05 pounds
Product Dimensions	24.13 x 7.87 x 18.11 inches
Item Dimensions LxWxH	24.13 x 7.87 x 18.11 inches
Color	Black
Voltage	240 Volts
Manufacturer	Envision Peripherals
ASIN	B07D1L3XGL
Is Discontinued By Manufacturer	No
Date First Available	April 20, 2018
Customer Reviews	4.5 out of 5 stars (898 ratings)
Best Sellers Rank	#474,349 in Electronics, #9,027 in Computer Monitors
Screen Size	27 Inches
Resolution	FHD 1080i
Aspect Ratio	16:9
Screen Surface Description	Glossy

Warranty and Support

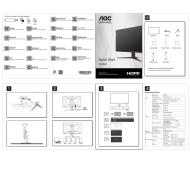
For detailed warranty information and technical support, please refer to the official documentation included with your product or visit the AOC support website.

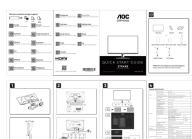
A digital copy of the user manual is available here:[AOC 27B1H User Manual \(PDF\)](#).

The monitor includes a Kensington slot for added physical security. This allows you to attach a compatible security cable (sold separately) to deter theft.

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Related Documents - 27B1H

	<p>AOC 22B2H LED Monitor User Manual and Specifications</p> <p>Detailed user manual and technical specifications for the AOC 22B2H 21.5-inch Full HD LED monitor. Learn about setup, OSD menu adjustments, connectivity options (VGA, HDMI), software features (i-Menu, e-Saver, Screen+), and compliance.</p>
	<p>AOC 24G2ZE Gaming Monitor Quick Start Guide</p> <p>This guide provides essential information for setting up and using the AOC 24G2ZE gaming monitor, including connection instructions, OSD controls, and technical specifications.</p>
	<p>AOC 22B2HM2 LCD Monitor User Manual</p> <p>Comprehensive user manual for the AOC 22B2HM2 LCD Monitor, covering safety, setup, adjustments, OSD settings, troubleshooting, and specifications.</p>
	<p>AOC C24G2/C24G2U LCD Monitor User Manual</p> <p>User manual for the AOC C24G2/C24G2U LCD Monitor, covering safety, installation, setup, adjustments, troubleshooting, and specifications.</p>



[AOC 27G4XE Gaming Monitor Quick Start Guide](#)

Concise guide to setting up and using the AOC 27G4XE gaming monitor, including specifications, connections, and OSD navigation.



[AOC CQ32G4E Gaming Monitor User Manual - Setup, Features, and Troubleshooting](#)

Comprehensive user manual for the AOC CQ32G4E gaming monitor. Covers setup, installation, features like Adaptive-Sync and HDR, troubleshooting, and technical specifications. Get the most out of your AOC gaming display.