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> ArcticPro 27-inch 120Hz FHD Monitor (Model ADZ27F1) Instruction Manual

ArcticPro ADZ27F1

ArcticPro 27-inch 120Hz FHD Monitor Instruction Manual

Model: ADZ27F1

[Setup](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty &
Support](#)

1. SETUP

1.1 Unpacking the Monitor

Carefully remove all components from the packaging. Ensure the following items are present:

- ArcticPro 27-inch Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- User Manual (this document)



Figure 1: ArcticPro 27-inch Monitor and included accessories.

1.2 Assembling the Stand

1. Attach the stand neck to the monitor panel. Ensure it clicks securely into place.
2. Connect the stand base to the stand neck. Tighten any screws if provided, usually located at the bottom of the base.

1.3 Mounting the Monitor (Optional)

The ArcticPro ADZ27F1 monitor supports VESA mounting (75x75mm). To mount the monitor:

1. Remove the stand if already attached.
2. Secure the VESA-compatible mount (not included) to the four screw holes on the back of the monitor.
3. Follow the instructions provided with your VESA mount for installation.

1.4 Connecting Cables

Connect the necessary cables to the monitor and your computer/device:

- **Power Cable:** Connect the power adapter to the monitor's power input and then to a power outlet.
- **HDMI Cable:** Connect one end of the HDMI cable to the monitor's HDMI port and the other end to your computer's HDMI output.
- **VGA Cable:** (Optional) If using a VGA connection, connect one end of the VGA cable to the monitor's VGA port and the other end to your computer's VGA output.



Figure 2: Rear ports of the ArcticPro monitor, including HDMI and VGA inputs.

1.5 Initial Power On

Press the power button on the monitor. The power indicator light will illuminate, and the display will turn on. If no image appears, ensure all cables are securely connected and the correct input source is selected.

2. OPERATION

2.1 Power On/Off

To power on or off the monitor, press the power button located on the monitor's frame (refer to the physical layout for exact placement).

2.2 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Use the control buttons (typically located on the back or bottom right of the monitor) to navigate:

- Press a button to open the OSD menu.
- Use directional buttons to move through options.
- Press an 'Enter' or 'OK' button to select an option.
- Use a 'Back' or 'Exit' button to return to the previous menu or exit the OSD.

2.3 Picture Settings

Adjust display characteristics for optimal viewing:

- **Brightness:** Controls the overall luminance of the screen.
- **Contrast:** Adjusts the difference between light and dark areas.
- **Color Temperature:** Selects preset color warmth (e.g., Warm, Cool, User).
- **Aspect Ratio:** Sets the display ratio (e.g., 16:9, 4:3).

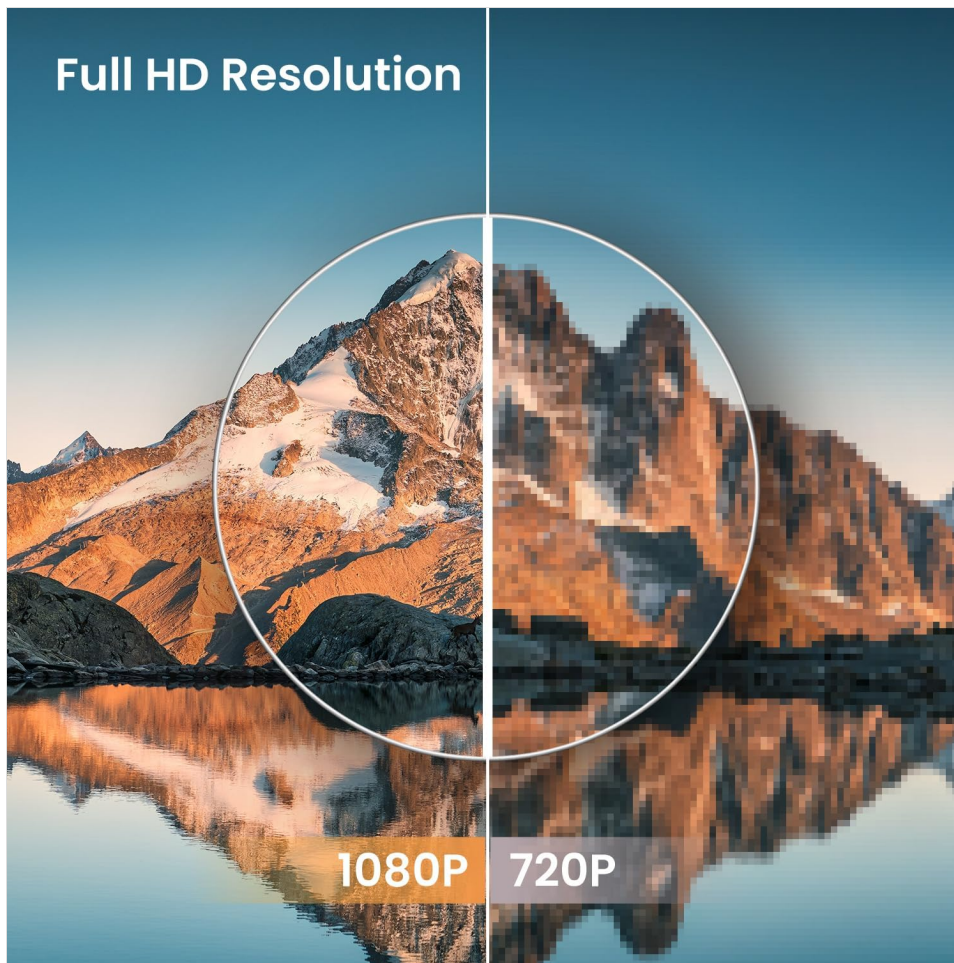


Figure 3: Visual representation of Full HD (1080p) resolution clarity.

2.4 Input Selection

If multiple devices are connected, use the OSD menu to switch between HDMI and VGA input sources.

2.5 Refresh Rate (120Hz)

This monitor supports a 120Hz refresh rate for smoother visuals. Ensure your computer's display settings are configured to output at 120Hz for the best experience.



Figure 4: Demonstrating the visual difference between 120Hz and 60Hz refresh rates.

2.6 Adaptive Sync Technology

Adaptive Sync synchronizes the monitor's refresh rate with your graphics card's frame rate, reducing screen tearing and stuttering. This feature is automatically enabled when compatible hardware is detected.

Adaptive Sync

Effectively solve picture lagging and tearing problems

Adaptive Sync ON

Adaptive Sync OFF



Figure 5: Illustrating the effect of Adaptive Sync on display smoothness.

2.7 IPS Panel and Color Gamut

The In-Plane Switching (IPS) panel technology provides wide viewing angles and accurate color reproduction (99% sRGB). This ensures consistent image quality from various perspectives.



Figure 6: Visual representation of IPS panel technology and wide color gamut.

2.8 Anti-Blue Light and Flicker-Free Technology

The monitor incorporates Anti-Blue Light and Flicker-Free technologies to reduce eye strain during prolonged use. These features work to minimize harmful blue light emissions and eliminate screen flickering.

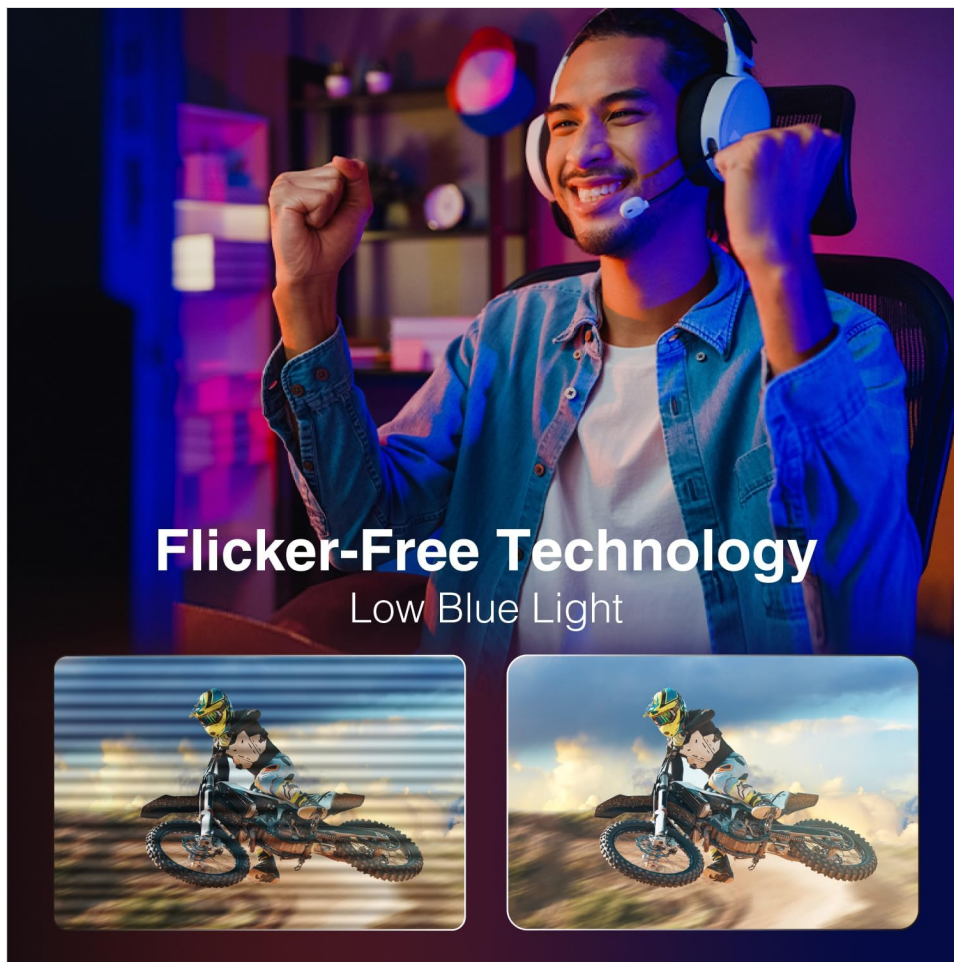


Figure 7: Demonstrating the benefits of Flicker-Free technology and Low Blue Light for eye comfort.

2.9 Tilt Adjustment

The monitor stand allows for tilt adjustment from -5° to $+15^{\circ}$ to optimize your viewing angle.



Figure 8: The monitor's tilt adjustment capability.

3. MAINTENANCE

3.1 Cleaning the Screen

To clean the monitor screen:

1. Turn off the monitor and unplug the power cord.
2. Gently wipe the screen with a soft, lint-free cloth.
3. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner (avoid harsh chemicals).
4. Do not spray liquid directly onto the screen.

3.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Keep the monitor away from direct sunlight, heat sources, and excessive moisture.
- Ensure proper ventilation around the monitor.

4. 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 not working	Ensure power cable is securely connected. Test power outlet with another device.
No signal	Video cable not connected; Incorrect input source selected	Check video cable connections (HDMI/VGA). Select the correct input source via the OSD menu.
Poor image quality	Incorrect resolution; Picture settings need adjustment	Set display resolution to 1920x1080. Adjust brightness, contrast, and color settings in the OSD.
Screen flickering	Refresh rate mismatch; Cable issue	Ensure graphics card output matches monitor's 120Hz refresh rate. Try a different video cable.

5. SPECIFICATIONS

Key technical specifications for the ArcticPro 27-inch 120Hz FHD Monitor (Model ADZ27F1):

Feature	Detail
Model Number	ADZ27F1
Screen Size	27 Inches

Feature	Detail
Panel Type	IPS
Resolution	1920 x 1080 (FHD 1080p)
Refresh Rate	120Hz
Response Time	1ms
Aspect Ratio	16:9
Color Gamut	99% sRGB, 72% NTSC
Viewing Angles	178° (Horizontal) / 178° (Vertical)
Connectivity	HDMI, VGA
VESA Mount Compatible	75x75mm
Special Features	Adaptive Sync, 3-Sided Frameless, Ultra Slim, Anti-Blue Light Design
Product Dimensions	1.7 x 24.21 x 14.31 inches
Item Weight	10.08 pounds

6. WARRANTY & SUPPORT

6.1 Product Warranty

ArcticPro monitors are covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration. Keep your proof of purchase for warranty claims.

6.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact ArcticPro customer support. Contact details can typically be found on the official ArcticPro website or on the product packaging.

When contacting support, please have your monitor's model number (ADZ27F1) and serial number ready.