ArcticPro AD24ZFA

ArcticPro 24-inch FHD 100Hz Monitor User Manual

Model: AD24ZFA

1. Introduction

Thank you for choosing the ArcticPro 24-inch FHD 100Hz Monitor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new monitor. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

This monitor features a 24-inch Full HD (1920x1080p) display with a 100Hz refresh rate, offering smooth visuals for both office work and gaming. It includes a 4ms response time, 3-sided frameless design, ultra-slim profile, VESA mount compatibility, and an Anti-Blue Light design for eye comfort. Connectivity options include HDMI and VGA.



Figure 1.1: ArcticPro 24-inch FHD 100Hz Monitor

2. Safety Information

To ensure safe operation and prolong the life of your monitor, please observe the following safety precautions:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Do not attempt to disassemble or repair the monitor yourself. Refer all servicing to qualified personnel.
- Clean the monitor with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Position the monitor on a stable, level surface to prevent it from falling.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

3. Package Contents

Please check the box for the following items:

- ArcticPro 24-inch FHD 100Hz Monitor
- Monitor Stand (Base and Neck)
- Power Adapter

- HDMI Cable
- User Manual (this document)

If any items are missing or damaged, please contact your retailer or ArcticPro customer support.

4. Setup

4.1. Assembling the Monitor Stand

1. Carefully remove the monitor from its packaging, keeping it protected on a soft surface (e.g., foam packaging or a soft cloth) to prevent screen damage.
2. Attach the stand neck to the back of the monitor by aligning the mounting points and gently pushing until it clicks into place or securing with screws if provided.
3. Attach the stand base to the stand neck, securing it with the thumb screw located at the bottom of the base.
4. Carefully place the assembled monitor on a stable, flat desk.

4.2. Connecting Your Monitor

Your ArcticPro monitor supports both HDMI and VGA inputs.



Figure 4.1: Versatile Connectivity Options

1. **Power Connection:** Connect the power adapter to the DC input port on the monitor, then plug the other end into a power outlet.
2. **Video Connection (HDMI):** Connect one end of the HDMI cable to the HDMI port on your computer (or other device) and the other end to the HDMI port on the monitor.
3. **Video Connection (VGA):** Alternatively, connect one end of the VGA cable to the VGA port on your computer (or other device) and the other end to the VGA port on the monitor.

4.3. Initial Power On

After connecting all necessary cables, press the power button on the monitor. The monitor should power on and display an image from your connected device. If no image appears, ensure your device is powered on and check cable connections.

5. Operating Your Monitor

5.1. Power On/Off

To turn the monitor on or off, press the power button located on the monitor. A short press will typically turn it on, and a longer press will turn it off.

5.2. On-Screen Display (OSD) Menu Navigation

The monitor's settings can be adjusted using the On-Screen Display (OSD) menu. Based on user feedback, the power button often doubles as the primary control for accessing and navigating the OSD menu. Press the power button to bring up the OSD menu, then use subsequent presses or directional movements (if available) to navigate through options and confirm selections.

5.3. Input Selection

If you have multiple devices connected (e.g., one via HDMI, one via VGA), you can switch between inputs using the OSD menu. Navigate to the 'Input Source' or 'Source' option within the OSD and select your desired input.

5.4. Display Settings

Within the OSD menu, you can adjust various display settings:

- **Brightness:** Adjusts the overall luminance of the screen.
- **Contrast:** Adjusts the difference between the lightest and darkest areas of the image.
- **Color Temperature:** Selects preset color temperatures (e.g., Warm, Cool, User) or allows manual adjustment of RGB values.
- **Aspect Ratio:** Changes the display ratio (e.g., 16:9, 4:3).
- **Sharpness:** Adjusts the clarity of image details.



Figure 5.1: Full HD 1080p Resolution

5.5. Performance Features (100Hz Refresh Rate)

This monitor boasts a 100Hz refresh rate, providing smoother motion and reduced input lag compared to standard 60Hz monitors. Ensure your computer's display settings are configured to output at 100Hz for the optimal experience.



Figure 5.2: 100Hz Refresh Rate for Smooth Performance

5.6. Eye Care Features (Anti-Blue Light & Flicker-Free)

The ArcticPro monitor incorporates Anti-Blue Light technology and is Flicker-Free to reduce eye strain during prolonged use. These features help minimize harmful blue light emissions and eliminate screen flickering, contributing to a more comfortable viewing experience.

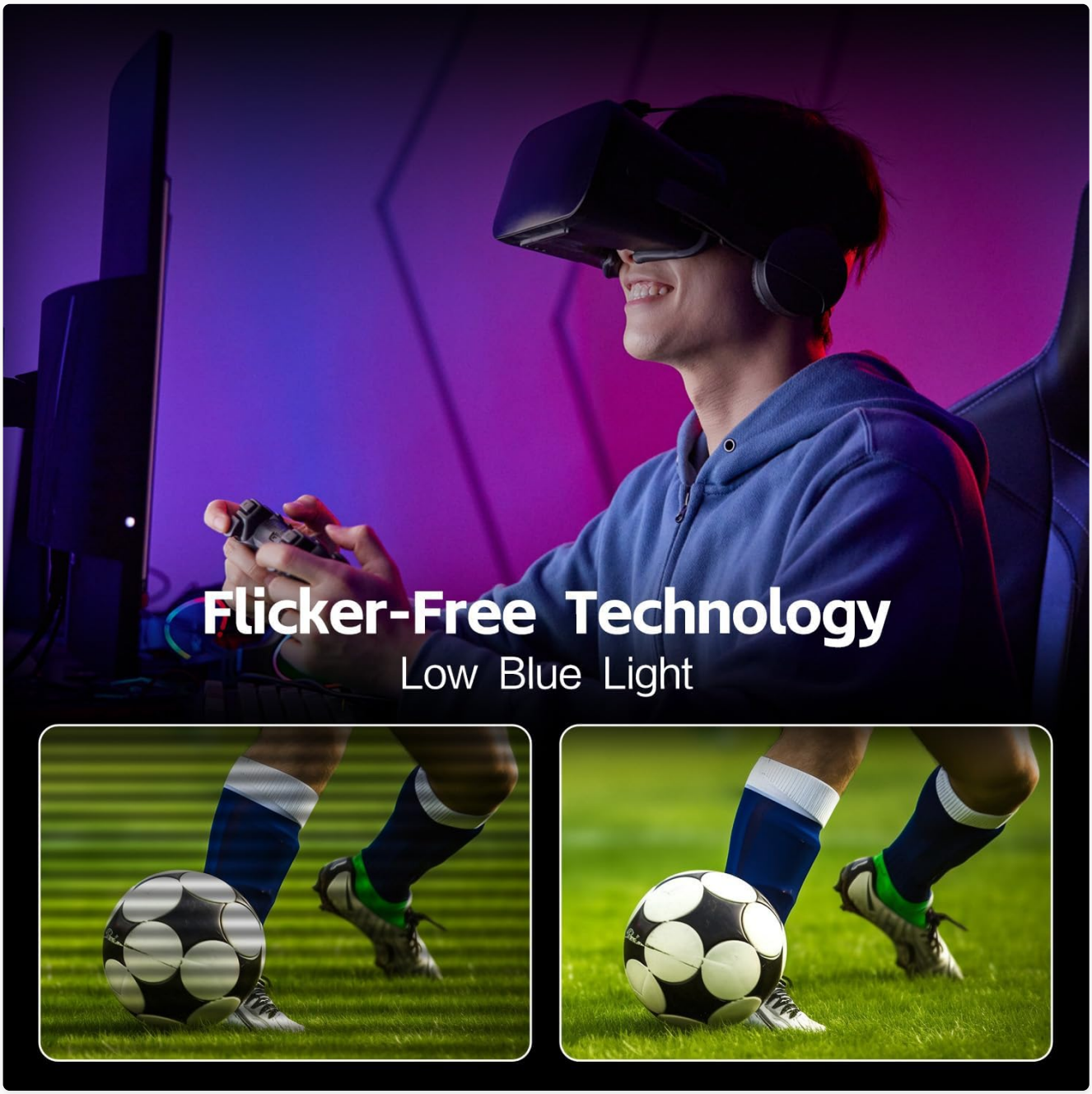


Figure 5.3: Eye Care Features

5.7. Wide Viewing Angles & Tilt

The VA panel offers 178° horizontal and vertical viewing angles, ensuring consistent image quality from various perspectives. The monitor also supports tilt adjustments (-5° to +15°) for ergonomic viewing.

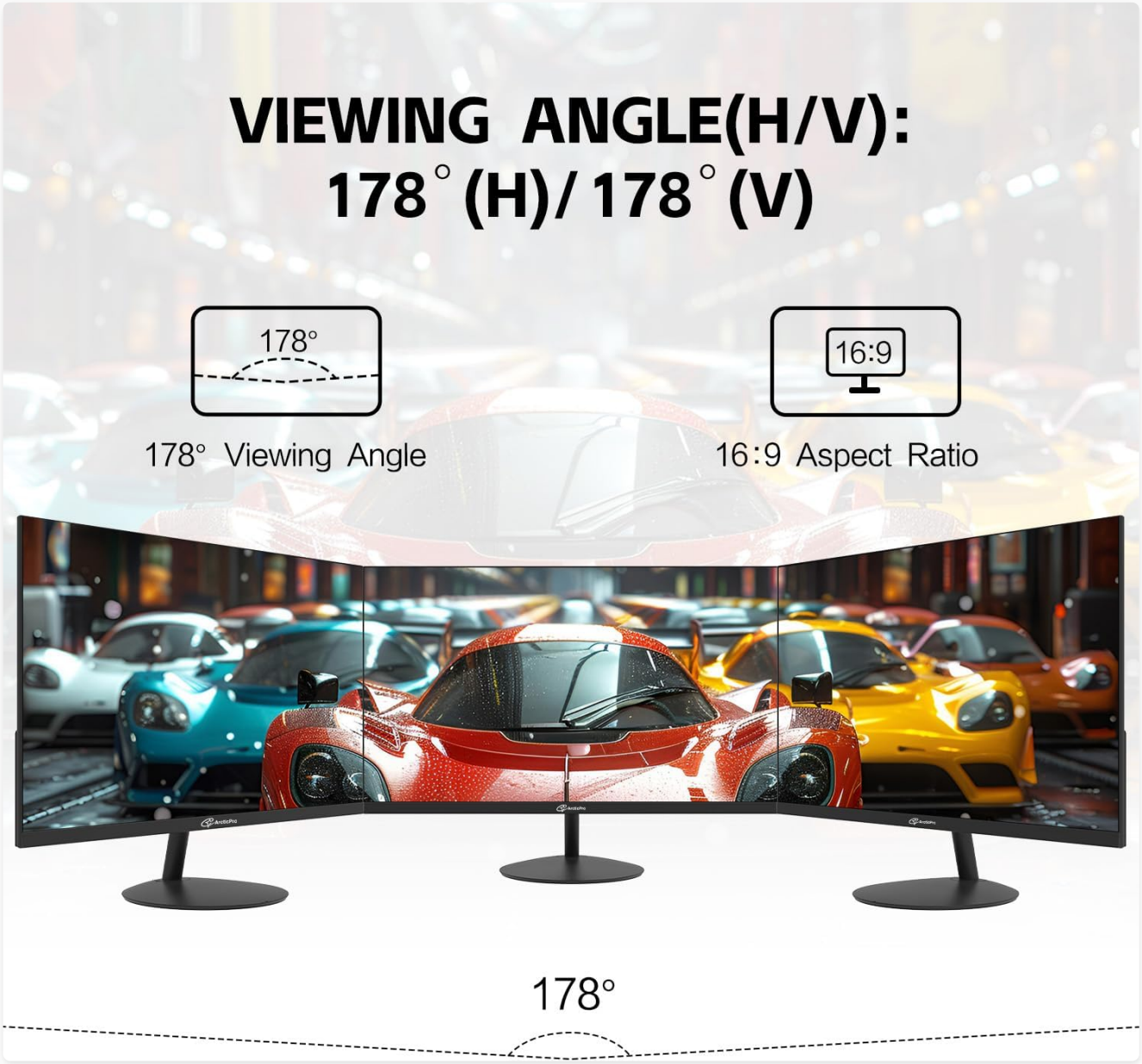


Figure 5.4: Wide Viewing Angles

6. Maintenance

6.1. Cleaning the Monitor

- Always unplug the monitor before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a specialized screen cleaner to wipe the screen. Do not spray liquid directly onto the screen.
- For the monitor casing, use a soft, dry cloth. Avoid harsh chemicals or abrasive materials.

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, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image / "No Signal" message	Loose video cable, incorrect input source, computer not powered on.	Ensure video cables (HDMI/VGA) are securely connected to both the monitor and the computer. Check if the computer is powered on and awake. Use the OSD menu to select the correct input source.
Monitor does not power on	Power cable not connected, power outlet issue, faulty power adapter.	Verify the power adapter is securely connected to the monitor and a working power outlet. Try a different outlet.
Image is too dark/bright or colors are off	Incorrect display settings.	Adjust Brightness, Contrast, and Color Temperature settings via the OSD menu.
Image is blurry or distorted	Incorrect resolution, faulty cable.	Ensure your computer's display resolution is set to 1920x1080. Try replacing the video cable.
Buttons (other than power) not responding	OSD lock, specific button functionality.	Some monitors have an OSD lock feature. Refer to the OSD menu for an unlock option. Note that on this model, the power button often serves as the primary OSD control.

8. Specifications

Feature	Specification
Model Number	AD24ZFA
Screen Size	24 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Refresh Rate	100Hz
Response Time	4ms
Aspect Ratio	16:9
Viewing Angles (H/V)	178° / 178°
Tilt Angles	-5°±2° / 15°±2°
Screen Surface Description	Matte
Connectivity	HDMI, VGA
VESA Mountable	75x75mm
Product Dimensions	1.9 x 22 x 13 inches
Item Weight	7.93 pounds

Feature	Specification
Manufacturer	Hangzhou Yulian Technology Co., Ltd

9. Warranty and Support

ArcticPro monitors come with a standard manufacturer's warranty. Please refer to the warranty card included with your product or visit the official ArcticPro website for detailed warranty terms and conditions.
For technical support, troubleshooting assistance, or warranty claims, please contact ArcticPro customer service through their official website or the retailer from whom you purchased the product. You may also find helpful resources on the ArcticPro Store on Amazon.

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