ArcticPro ADZ24F1

ArcticPro 24-inch FHD 120Hz Monitor

Model: ADZ24F1 - User Instruction Manual

1. Introduction

Thank you for choosing the ArcticPro 24-inch FHD 120Hz Monitor. This monitor is designed to provide a superior visual experience with its Full HD 1080p resolution, 120Hz refresh rate, IPS panel for wide viewing angles, and Adaptive Sync technology. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new monitor. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

- Do not expose the monitor to rain or moisture to prevent fire or shock hazards.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

3. Package Contents

Please check the package contents carefully. If any items are missing or damaged, contact your retailer.

- ArcticPro 24-inch FHD 120Hz Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- User Manual

4. Setup

4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping the screen protected.
2. Attach the stand neck to the monitor's rear panel. Ensure it clicks securely into place or is fastened with screws if provided.
3. Attach the stand base to the neck and tighten the screw at the bottom of the base.
4. Place the assembled monitor on a stable, flat surface.

4.2 VESA Wall Mount Installation (Optional)

The monitor supports a 75x75mm VESA mount pattern. If you choose to wall mount the monitor, please follow the instructions provided with your VESA mounting kit.



Image: Rear view of the monitor highlighting the VESA mount compatibility and tilt range.

4.3 Connecting to Devices

Connect your computer or other devices to the monitor using the appropriate cables.

- **HDMI Connection:** Connect one end of the HDMI cable to the HDMI port on your computer/device and the other end to the

HDMI port on the monitor.

- **VGA Connection:** Connect one end of the VGA cable to the VGA port on your computer/device and the other end to the VGA port on the monitor.

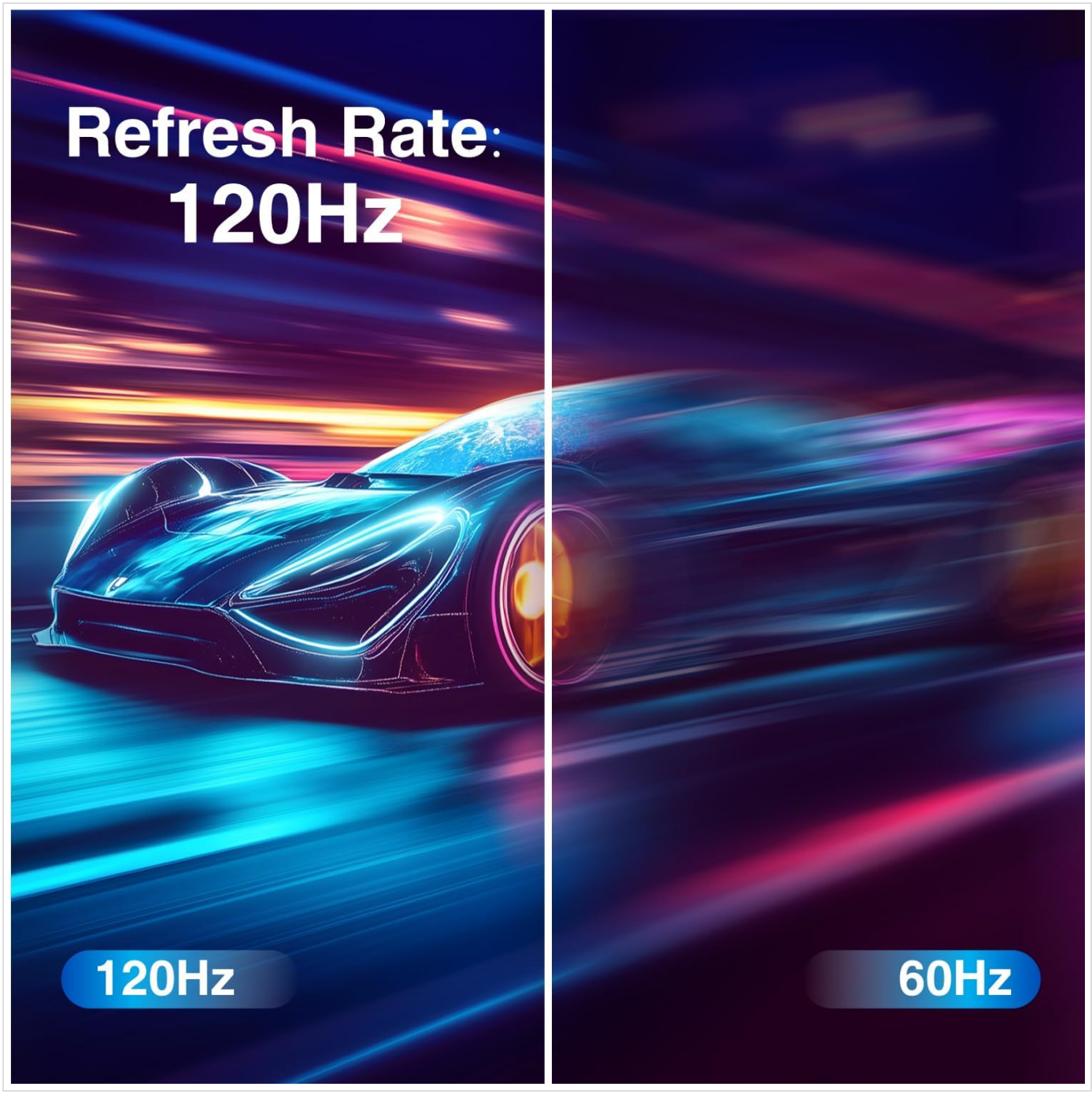


Image: Detailed view of the monitor's input ports, including HDMI and VGA.

4.4 Power Connection

Connect the power adapter to the monitor's power input, then plug the power adapter into a wall outlet.

5. Operating the Monitor

5.1 Power On/Off

Press the power button located on the monitor to turn it on or off.



Image: Front view of the monitor, showing the overall design and typical button placement.

5.2 On-Screen Display (OSD) Menu

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

- Press a button to activate the OSD menu.
- Use the navigation buttons (up/down/left/right) to move through options.
- Press the select/enter button to confirm a selection.
- Press the exit button to close the OSD menu.

5.3 Adjusting Settings

Key settings you can adjust include:

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **Input Source:** Manually select between HDMI and VGA inputs.
- **Adaptive Sync:** Enable or disable Adaptive Sync for smoother gaming visuals. This technology helps eliminate screen tearing and stuttering by synchronizing the monitor's refresh rate with the graphics card's frame rate.



Image: Visual demonstration of Adaptive Sync technology, showing the difference between enabled and disabled states in terms of screen tearing.

- **Refresh Rate:** The monitor supports a 120Hz refresh rate for smoother motion. Ensure your connected device is configured to output at 120Hz for optimal performance.

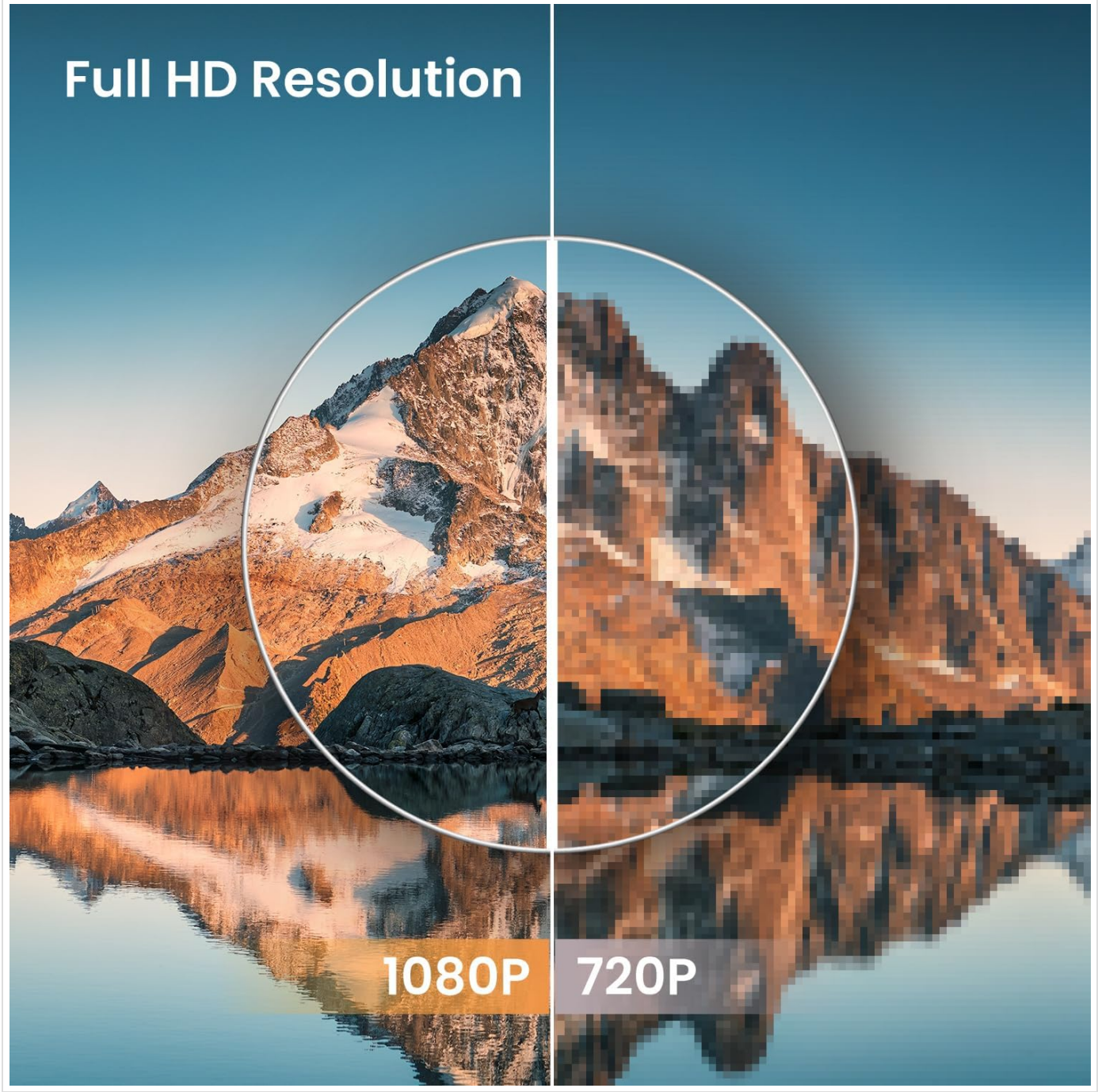


Image: Illustrates the difference in motion clarity between 120Hz and 60Hz refresh rates.

- **Full HD Resolution:** The monitor operates at a native resolution of 1920x1080p, providing clear and detailed images.

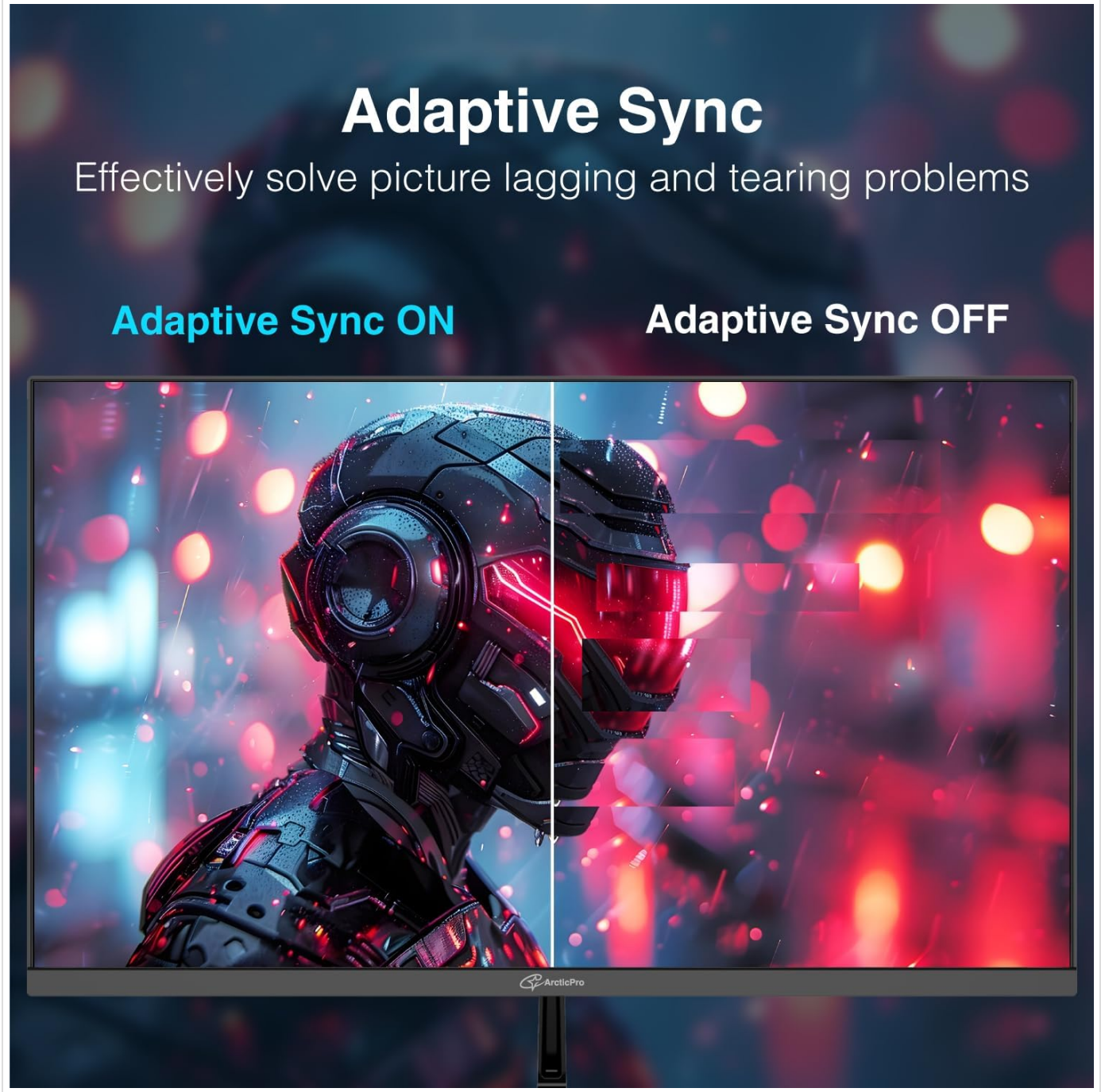


Image: Demonstrates the clarity of Full HD (1080p) resolution compared to 720p.

- **IPS Panel:** The IPS (In-Plane Switching) panel technology ensures wide viewing angles (178° horizontal & vertical) and consistent color reproduction from almost any perspective.

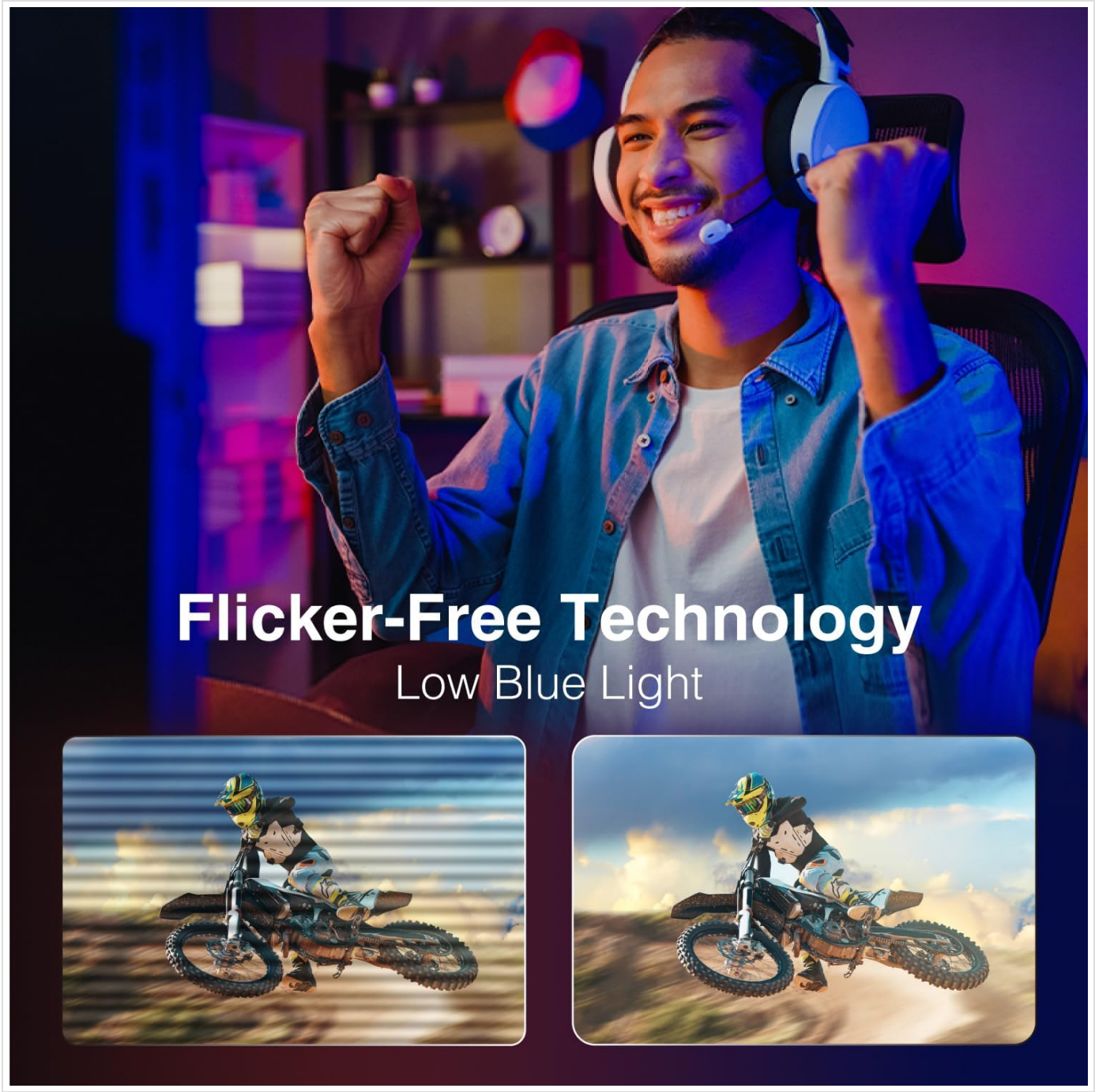


Image: Represents the benefits of IPS technology, including wide viewing angles and vibrant colors.

- **Low Blue Light & Flicker-Free:** These features are designed to reduce eye strain during prolonged use. Low Blue Light filters harmful blue light emissions, and Flicker-Free technology eliminates screen flickering.

6. Maintenance

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of non-ammonia, non-alcohol based glass cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Keep the ventilation openings clear to prevent overheating.
- **Storage:** If storing the monitor for an extended period, unplug it and store it in a cool, dry place.

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	Input cable not connected; Incorrect input source selected.	Check HDMI/VGA cable connection. Select correct input source via OSD menu.
Image is blurry or distorted	Resolution setting incorrect; Cable issue.	Set display resolution to 1920x1080p. Try a different HDMI/VGA cable.
Screen Flickering	Refresh rate mismatch; Cable issue.	Ensure refresh rate is set to 120Hz in your device's display settings. Check cable connection.
Adaptive Sync not working	Feature not enabled; Graphics card not compatible.	Enable Adaptive Sync in the OSD menu. Ensure your graphics card supports Adaptive Sync.

8. Specifications

Feature	Specification
Model Number	ADZ24F1
Screen Size	24 Inches
Resolution	1920 x 1080 Pixels (Full HD 1080p)
Refresh Rate	120Hz
Response Time	1ms (MPRT, typical)
Panel Type	IPS
Color Gamut	99% sRGB, 72% NTSC
Aspect Ratio	16:9
Viewing Angles	178° (H) / 178° (V)
Connectivity	HDMI 1.4 x 1, VGA x 1
VESA Mount	75 x 75mm
Tilt Angles	-5°±2° to 15°±2°
Product Dimensions (L x W x H)	21.34 x 1.74 x 12.61 inches
Item Weight	7.83 pounds

9. Warranty Information

ArcticPro monitors typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your

product packaging or visit the official ArcticPro website for detailed warranty terms and conditions specific to your region. Keep your purchase receipt as proof of purchase for warranty claims.

10. Support

For technical support, troubleshooting assistance, or general inquiries, please contact ArcticPro customer service through the following channels:

- **Website:** Visit the official ArcticPro website for FAQs, driver downloads, and support contact information.
- **Email:** Refer to your product packaging or the ArcticPro website for customer support email addresses.

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