

SIDEWINDER

27" GAMING MONITOR



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Monitor

ARDOR GAMING SIDEWINDER 27" AQ27H1U

User Manual

Dear Customer,

Thank you for your trust!

Our team fully shares your passion for computer games, which is why we put all our efforts into making your gaming experience unforgettable with our accessories for gamers. Wishing you new victories and the brightest impressions ahead!

Intended Use

The monitor is designed to display information from a personal computer.

Safety Precautions

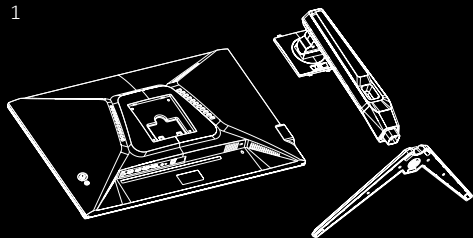
- Use only appropriate types of power outlets. Before connecting the monitor, ensure that the electrical source voltage matches the monitor's power specifications.
- Place the device only on flat, stable surfaces.
- Avoid using the monitor near devices that generate magnetic fields (e.g., electric motors, televisions, etc.).
- Do not place heavy objects on the video cable or power cord, and do not route cables through high-traffic areas.
- Protect the device's cables from mechanical stress (pinching, cutting, twisting, etc.).
- Do not touch the device, plug, or power cord with wet hands.
- Position the monitor in a location that avoids reflections and glare on the screen.
- Do not disassemble the device yourself to avoid electric shock. This device contains no user-serviceable parts. Maintenance and repairs should only be performed by qualified technicians at an authorized service center.
- Do not block the ventilation openings of the monitor or insert any objects into them.
- Protect the device from moisture, dust, and extreme temperatures.
- Always disconnect the device from the power source before cleaning or during an extended period of non-use.
- For cleaning the screen, use only a soft, dry cloth. Do not use liquids or chemical agents.
- Immediately disconnect the device from the power source and contact an authorized service center in the event of any of the following issues:
 - Damage to the power cord.
 - The monitor has been dropped and/or damaged.
 - A malfunction occurs with the monitor.
- If any malfunction is detected during operation, immediately stop using the device and contact an authorized service center.
- This device is not intended for commercial use.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.

Assembly and Placement

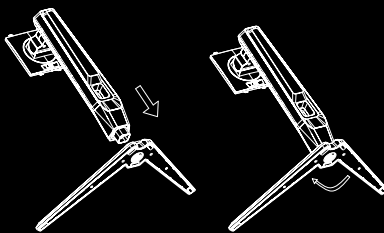
Assembling and Installing the Monitor Stand

- Remove the monitor from the packaging and place it screen-down on a flat, soft, stable surface.
- Assemble the device following the images below.

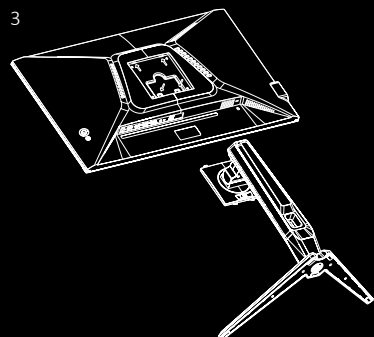
1



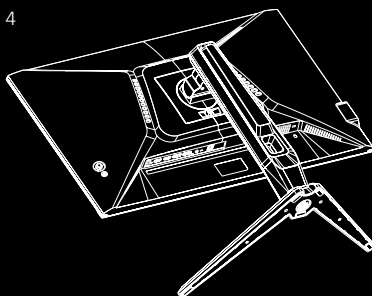
2



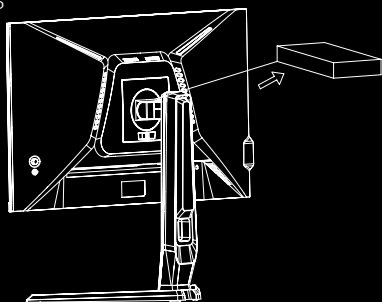
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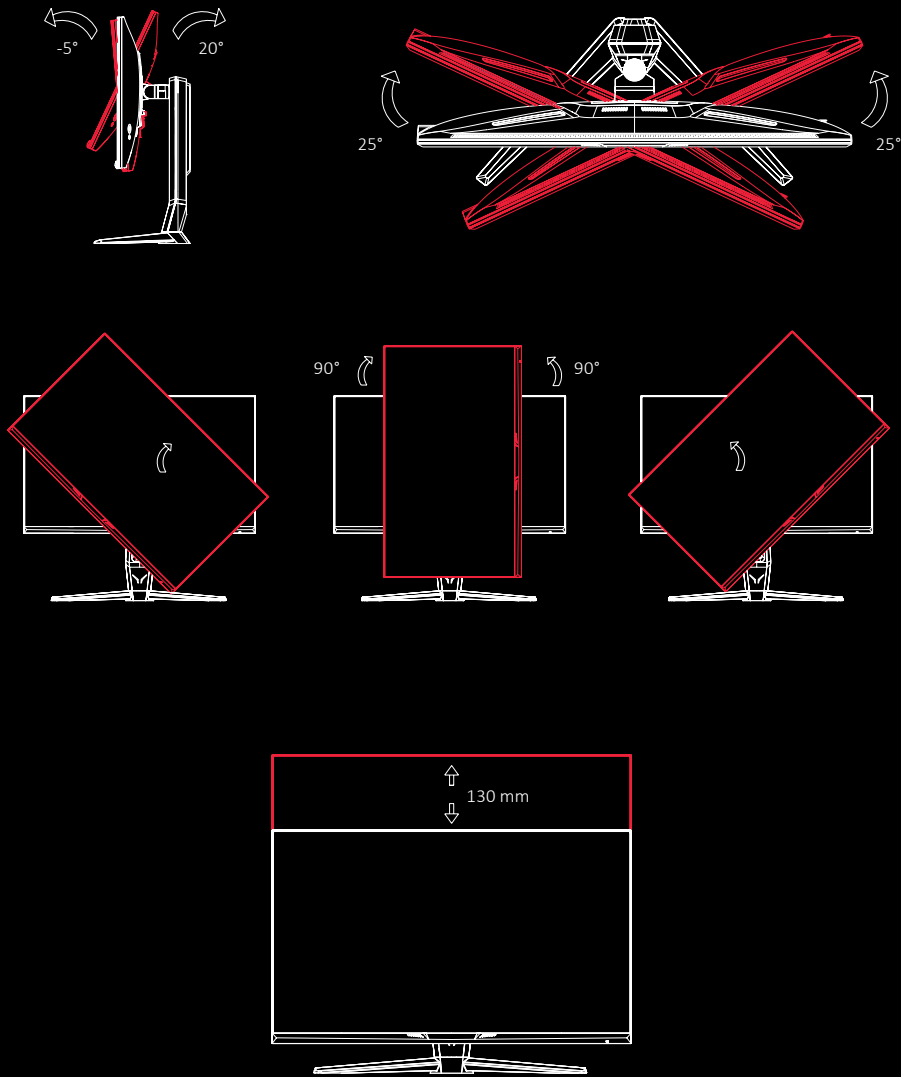


5



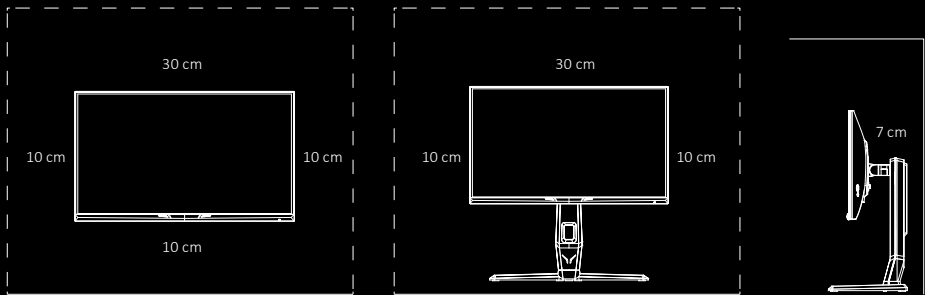
Adjusting the Monitor's Tilt Angle and Orientation

CAUTION! Be careful not to touch the screen while adjusting the monitor's tilt angle and orientation.



Positioning the Monitor

Do not place the monitor in poorly ventilated areas. Ensure adequate air circulation (as shown in the figure below).
CAUTION! Images are provided for reference only and may differ slightly from the actual device.

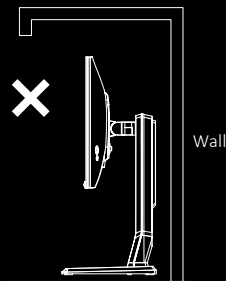


Wall mounting (VESA 100 x 100 mm)

Stand mounting



Airflow obstruction



Airflow obstruction

Connecting the Monitor

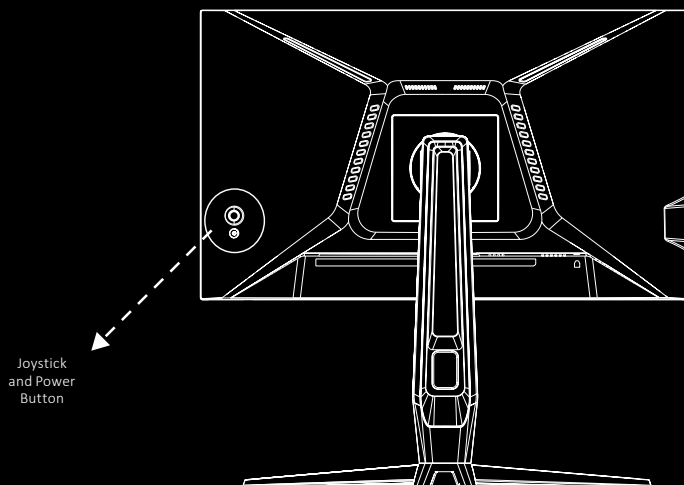
- Make sure both devices (the monitor and the PC) are disconnected from power.
- Connect the HDMI/DP cable to the corresponding port on the monitor, and the other end to the port on the computer's graphics card.
- To connect the monitor to a grounded outlet, plug the power cord into the outlet, and the other end into the monitor's power connector (DC).
- Set the resolution and refresh rate under "Screen Resolution" (for Windows OS).

Device Ports



1. Power connector
2. HDMI ports
3. DisplayPort ports
4. Headphone jack
5. USB-B 3.0 port

Control Panel



Joystick Up

- Move up
- Adjust picture

Joystick Down

- Move down
- Game Mode

Joystick Left

- Confirm
- Open menu

Joystick Right

- Exit
- Select input source

Power Button

- Turn the monitor on/off
- Standby mode

CAUTION! If the computer's video signal exceeds the screen's frequency range, the synchronization signal will be disabled automatically to protect the display. To restore normal operation, set the computer's video output frequency within the supported range.

On-Screen Menu

Menu Item	Description	
Signal Source	DP 1	Selects the video signal source
	DP 2	
	HDMI 1	
	HDMI 2	
Brightness/Contrast	Brightness	Adjusts image brightness and contrast
	Contrast	
	Black Level	Adjusts the image's black level
	DCR	Turns the function on/off. DCR (Dynamic Contrast Ratio) is the ratio between the brightest white and the darkest black the monitor screen can display
Color Settings	Gamma	Adjusts the color gamma
	Picture Mode	Switches between display modes
	Color Mode	Adjusts the color palette (red, green, blue)
	Low Blue Light	Adjusts blue light intensity
	Hue	Adjusts color hue
	Saturation	Adjusts color saturation
Picture Quality	Sharpness	Adjusts image detail by enhancing object edge definition
	Response Time	Adjusts response time
	Noise Reduction	Adjusts noise reduction to improve picture quality
	Dynamic Luminous Control	Turns dynamic brightness adjustment on/off
	MPRT	Adjusts the function. Reduces motion blur and improves response speed
Screen	Aspect Ratio	Adjusts the aspect ratio
	Backlight Mode	Selects the backlight mode
Sound	Mute	Turns sound on/off
	Volume	Adjusts sound volume
	Audio Source	Selects the audio signal source
Multi-Window Mode	PIP/PBP Mode	Switches between Picture-in-Picture and Picture-by-Picture modes
	Signal Source	Selects the video signal source
	PIP Size	Adjusts the size of the picture-in-picture window
	PIP Position	Adjusts the position of the picture-in-picture window
	Window Swap	Swaps the monitor's primary window
On-Screen Menu	Language	Selects the menu language
	Horizontal Position	Adjusts the horizontal position of the on-screen menu
	Vertical Position	Adjusts the vertical position of the on-screen menu
	Transparency	Adjusts the transparency of the on-screen menu
	Menu Timer	Sets automatic on-screen menu shutoff
	Menu Rotation	Adjusts the rotation of the on-screen menu
Other	Adaptive-Sync	Turns adaptive sync on/off
	HDR	Turns the function on/off. HDR (High Dynamic Range) is a technology that expands the brightness, contrast, and color range of the on-screen image, making it appear more natural through richer colors, deeper shadows, and more natural transitions between bright and dark areas
	Reset	Resets all settings to factory defaults

Maintenance and Care

- Before cleaning, turn off the monitor and unplug it from the outlet.
- Wipe the housing with a soft, damp cloth.
- Wipe dust off the screen using a soft, clean, dry cloth. Use specialized monitor cleaning wipes. Do not use any liquids for cleaning, as this may damage the screen.
- Do not immerse the monitor in water or any other liquid.
- Do not use abrasive or chemical cleaning agents.

CAUTION!

- If you notice any unusual sounds or odors, immediately disconnect the monitor from the power source and contact an authorized service center.
- Do not remove the monitor's cover or rear panel. This may cause electric shock or fire. The internal components are not user-serviceable. Servicing must be performed only by qualified technical personnel at an authorized service center.

Troubleshooting Guide

The monitor does not turn on, no power	Check that it is correctly connected to power. Make sure the power cord is securely connected
	Check whether the power cord is damaged. Replace the power cable if necessary
Power is on, but there is no image	Make sure the corresponding cables are securely connected
	Check that the graphics card is properly seated
	Make sure the monitor's ports and cable connectors are not damaged
Color distortion, black-and-white image	Adjust the brightness and contrast
	Make sure the monitor's port and the video cable connector are not damaged. Replace the cable if necessary
	Make sure the graphics card is firmly seated in the motherboard slot
	Adjust the brightness and contrast

Package Contents

- Monitor
- Stand
- HDMI cable
- DP cable
- Power adapter
- Power cable
- Cable clip
- Screen cleaning cloth
- USB cable
- User manual

Specifications

- Model: AQ27H1U
- Trademark: ARDOR GAMING
- Power supply:
 - Input: 100–240 V ~ 50–60 Hz
 - Output: 12 V = 5 A
- Power consumption in standby mode: 0.5 W
- Power consumption in operating mode: 60 W
- Screen size: 27"
- Pixel response time (GtG): 5 ms
- Pixel response time (MPRT): 1 ms
- Contrast ratio: 1000:1
- Pixel density: 82 ppi
- VESA Mount Standard: 100 × 100
- Low Blue Light technology: Yes
- Pixel size: 233 μm
- Luminance: 300 cd/m²
- Panel technology: IPS
- Aspect ratio: 16:9
- Backlight technology: LED
- Maximum resolution: 2560 × 1440
- Refresh rate at maximum resolution: 240 Hz
- Ports: AUDIO OUT, DisplayPort, HDMI, USB 3.0
- Viewing angle: Horizontal — 178°, Vertical — 178°
- Built-in speakers: Yes
- Speaker power: 2 × 2 W, 4 Ω
- Cord type: X
- Protection class (adapter): III
- IP code: IP20
- Net weight: 5.1 kg
- Scope of application: Domestic

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- The installation and mounting conditions for the device are described in the «Assembly and Placement» section of this user manual.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 36 months

Service Life: 48 months

For the up-to-date list of authorized service centers, please visit: <https://www.dns-shop.ru/service-center/>

Additional Information

Manufacturer: EXPRESS LUCK INDUSTRIAL (ZHONGSHAN) LIMITED.

No.16, Langyuan Road, Jieyuan Administrative Village, Minzhong Town, Zhongshan, GuangDong, China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

Production date (mm.yyyy): _____ V.1



