

aceline

User Manual

Monitor
CQ27N1S

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Dear Customer,

Thank you for choosing our products.

We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

Intended Use

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

Safety Precautions

- Before connecting the monitor, ensure that the electrical source voltage matches the monitor's power specifications.
- Always unplug the device when not in use and before assembling, disassembling, replacing accessories or cleaning.
- Do not use accessories that are not recommended by the manufacturer.
- 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.).
- To avoid electric shock, do not touch the power plug 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, and prevent foreign objects from entering the device.
- Protect the device from moisture, dust, and extreme temperatures.
- Do not use this device after it has been dropped, or if there is visible damage to the cord or the appliance itself. Contact an authorized service center.
- 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.
- If a malfunction occurs, immediately discontinue use of the device and contact an authorized service center.
- This device is not intended for commercial use.

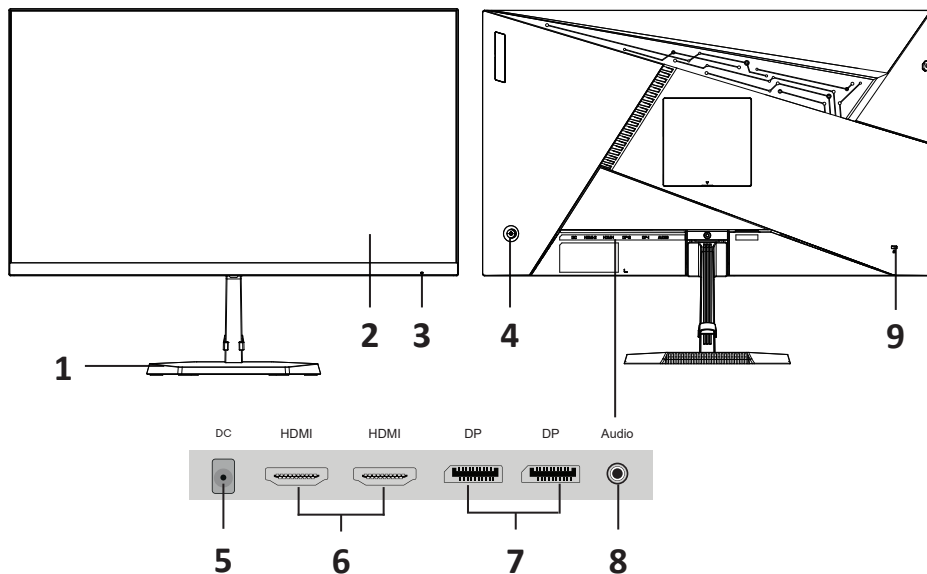
Specifications

- Model: CQ27N1S.
- Trademark: Aceline.
- Power adapter specifications:
 - Input: 100–240 V ~ 50–60 Hz;
 - Output: 12 V = 4 A.
- Device power supply: 12 V = 4 A.
- Power consumption: 48 W.
- Power consumption in standby mode: 0.5 W.
- Screen size: 27".
- Maximum refresh rate: 200 Hz.
- Maximum resolution: 2560 × 1440.
- Panel technology: IPS.
- Luminance: 300 cd/m².
- Contrast ratio: 1000:1.
- Maximum colors: Over 1 billion.
- Viewing angle (vertical/horizontal): 178°.
- Pixel response time (GtG): 1 ms.
- Pixel response time (MPRT): 1 ms.
- Low Blue Light technology.
- Flicker-Free technology.
- Backlight type: LED.
- Aspect ratio: 16:9.
- Connectors: DisplayPort × 2; HDMI × 2; AUDIO OUT.
- Pixel density: 109 ppi.
- Pixel size: 233 μm.
- Protection class (adapter): II.
- Protection class (device): III.
- IP code: IP20.
- Speaker power: 2 × 3 W.
- VESA Mount Standard: 100 × 100.
- Cord type: X.
- Scope of application: Domestic.

Package Contents

- Device.
- Stand.
- DP cable.
- Power adapter.
- Screwdriver.
- Cable clip.
- Assembly screws.
- Cleaning cloth.
- User manual.

Device Diagram

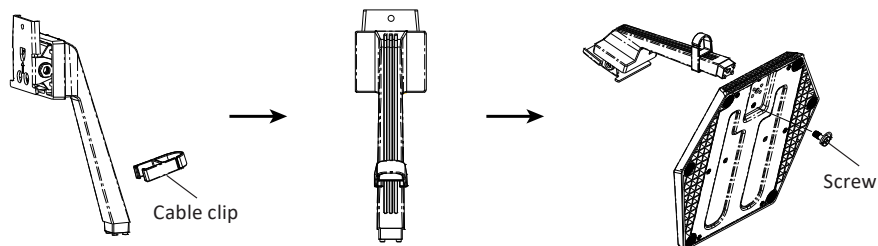


1. Stand.
2. Screen.
3. LED indicator.
4. Joystick / control button.
5. Power connector.
6. HDMI connector.
7. DisplayPort connector.
8. Audio output connector.
9. Kensington security lock slot.

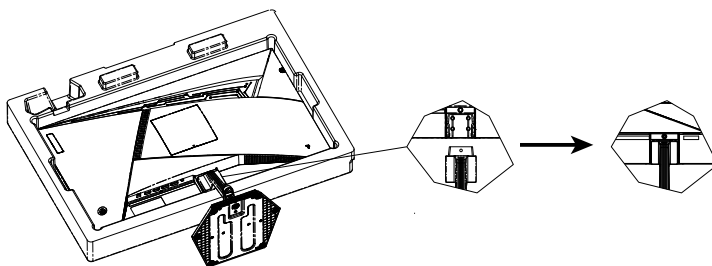
Assembly and Placement

Monitor Stand Assembly and Installation

1. Unpack the monitor and place it on a flat, soft, and stable surface with the screen facing down.
2. Install the cable clip on the stand column, then align the stand column with the base as shown in the figure. Tighten the screw fully to ensure the stand column is securely fastened to the base.



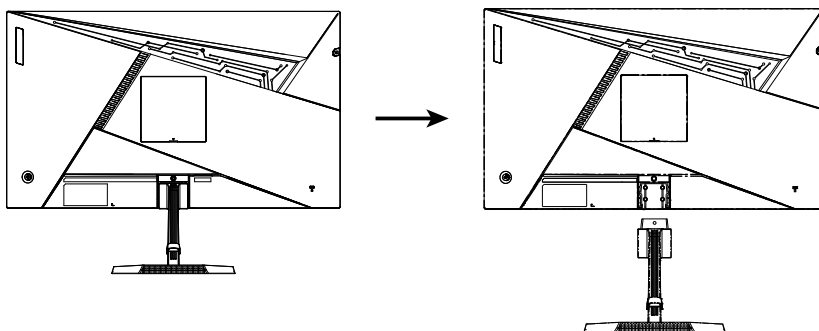
3. Insert the assembled stand into the dedicated slot on the back of the monitor and ensure it is securely locked in place.



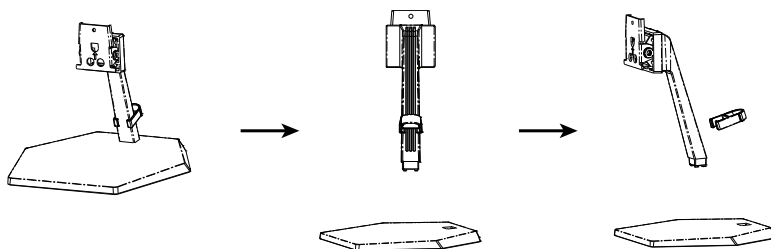
4. Stand assembly is complete.

Monitor Stand Disassembly

1. Place the monitor on a flat, soft, stable surface with the screen facing down.
2. Carefully remove the stand column and base from the monitor's mounting slot.



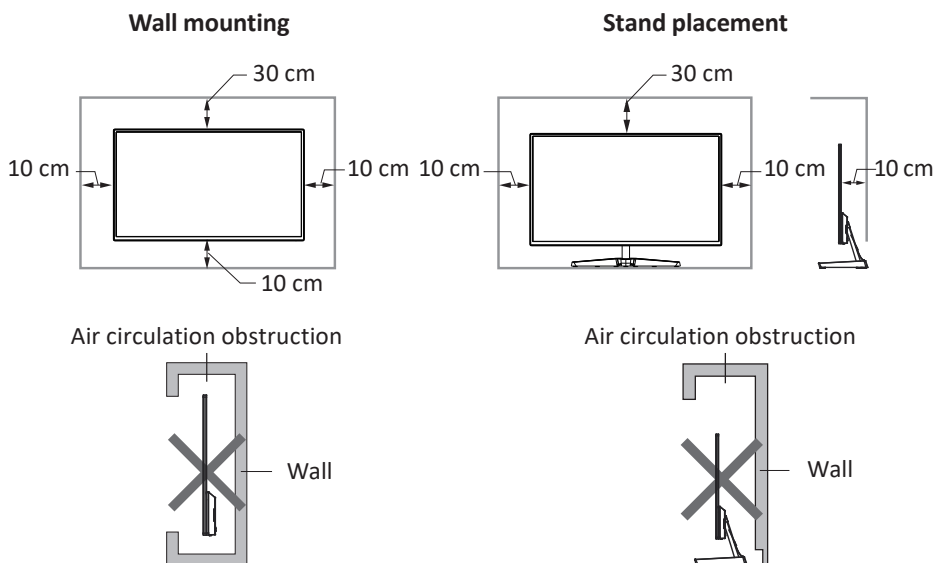
3. Loosen and completely unscrew the screw that secures the stand to the base. Carefully separate the stand column from the base.



Monitor Placement

Do not place the monitor in poorly ventilated areas. Ensure adequate air circulation (as shown in the figure below).

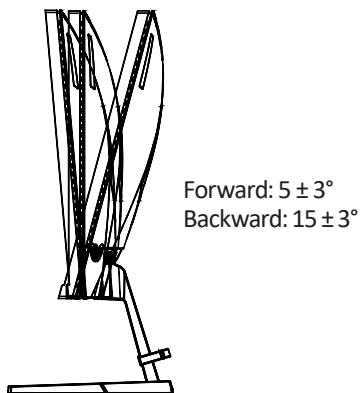
Note: All images are for illustrative purposes only and may differ from the actual product.



Adjusting the Screen Position

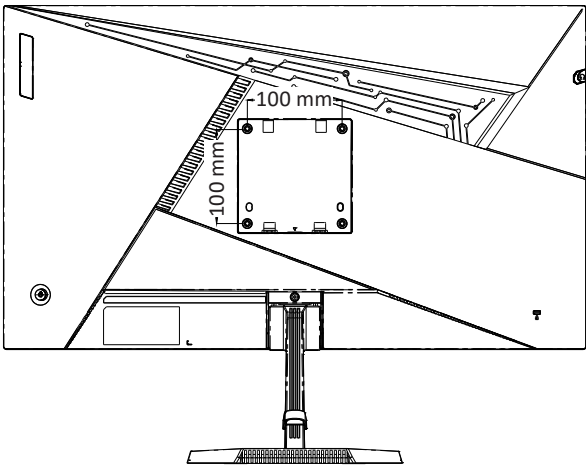
You can tilt the screen forward or backward within the angle shown in the diagram to achieve maximum comfort during use.

CAUTION: When adjusting the tilt angle, carefully hold the monitor by the frame and do not touch the screen itself to avoid damaging or smudging its surface. Do not apply excessive force when adjusting the tilt angle.



VESA Mount Specifications

Note: The VESA mount and its mounting screws are not included in the package and must be purchased separately.



VESA Mount Standard:
100 × 100 mm.
Screws: M4 × 6 mm (4 psc).

1. Place the monitor on a flat, soft, and stable surface with the screen facing down.
2. Attach the mounting bracket to the back panel using the 4 assembly screws.

Operating Instructions

Connecting the Monitor

1. Ensure that both devices (the monitor and the PC) are disconnected from the power source.
2. 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.
3. To connect the monitor to a grounded mains supply, plug the power cord into an electrical outlet, and the other end into the corresponding power connector (DC) on the monitor.
4. Check the connection of the power cord and cables. Turn on the PC.
5. Set the resolution and refresh rate in the «Screen Resolution» settings (for Windows OS).

LED Indicator

LED Status	Monitor Status
LED is off	Power is off
LED is solid on	The device is operating normally
LED is flashing	No input signal

Joystick Control

Central Button

- When the on-screen menu is off — brings up the OSD menu.
- In OSD menu mode — confirms selection, moves to the next menu level, and saves the selected parameter.
- When held for 3–5 seconds — turns the power on or off.

Joystick Up

- When the OSD menu is off — adjusts brightness.
- In OSD menu mode — moves up through menu items.

Joystick Down

- When the OSD menu is off — activates Game mode.
- In OSD menu mode — moves down through menu items.

Joystick Right

- When the OSD menu is off — selects the input signal source.
- In OSD menu mode — navigates through menus or increases the value of the selected parameter.

Joystick Left

- When the OSD menu is off — activates ECO mode.
- In OSD menu mode — navigates through menus or decreases the value of the selected parameter.

Maintenance and Care

- To clean the screen and the frame, use only a dry, soft cloth. Do not use liquids or chemical agents.
- Protect the device from direct sunlight.
- Install the monitor only in a well-ventilated area.
- Do not place heavy objects on top of the monitor.
- Install the monitor in a dry and dust-free location.
- Do not place the device near sources of magnetic fields (audio systems, televisions, etc.).

CAUTION

- If unusual sounds or odors occur, immediately disconnect the monitor from the power source and contact an authorized service center.
- Do not remove the cover or the back panel of the monitor. This may cause electric shock or fire. There are no user-serviceable parts inside. Servicing must be performed exclusively by qualified technical personnel at an authorized service center.

Troubleshooting Guide

Issue	Cause	Possible Solution
Power indicator does not light up	Monitor is not connected to the power source or is turned off	Check the monitor's connection to the power source and ensure it is turned on
No image on the screen	Signal cable is not connected or connected incorrectly	Ensure that all cables are firmly connected
	Incorrect signal source selected	Change the signal source using the on-screen menu
Image is blurry or displayed incorrectly/ incompletely	Incorrect refresh rate	Adjust the refresh rate
	Poor quality or damaged cable	Replace the cable
	Incorrect resolution selected	Set the appropriate resolution
	Monitor cannot recognize the signal	Use the auto-adjustment function in the on-screen menu
Color distortion	Damaged monitor port or video cable connector / cable not fully inserted	Insert the cable correctly. Replace it if necessary
	Incorrect color settings	Adjust colors using the on-screen menu or reset settings to default
Dark/light spots on the screen when the monitor is turned on	Normal phenomenon due to uneven backlight warm-up	Wait a while — the backlight will warm up and the spots will disappear
Distortion, flickering, or trembling image	Incorrect resolution or refresh rate	Adjust the refresh rate and resolution
Monitor does not detect the connected device	Connector is damaged	Try using a different connector. If the problem persists, contact an authorised service center
	Device is incompatible with the monitor	Make sure that the device supports the monitor connectors
Stripes on image, distorted image	Signal cable is damaged or connected incorrectly	Ensure the cable is firmly connected or replace it
	Graphics card is faulty	Check the graphics card for proper operation
	Driver issue	Update or reinstall the drivers

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: 12 months.

Service Life: 36 months.

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

Additional Information

Manufacturer: Yibin Jiaxin Electronic Technology Co., Ltd.
No.136, West Section of Xinggang Road, Lingang Economic Development Zone, Yibin City, Sichuan Province, China.

Made in China.

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

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

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



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