

# User Manual

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Monitor  
DF22N1K

**DEXP**

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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.

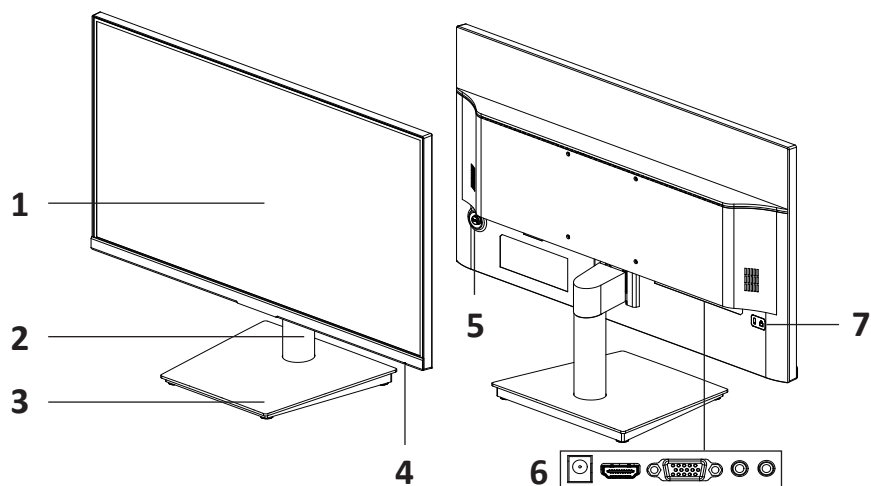
## Intended Use

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

## Safety Precautions

- Before connecting the device to the power source, ensure that the voltage of your household electrical network matches its technical specifications.
- Do not use accessories that are not recommended by the manufacturer.
- Do not block the ventilation openings on the back and bottom of the monitor or insert any objects into them.
- Do not press on the screen surface with your fingers or any hard objects.
- To avoid electric shock, do not touch the power adapter with wet hands.
- To reduce eye strain when using the monitor, take regular breaks every hour. The viewing distance between the monitor and your eyes should be 45–50 cm. Maintain proper posture with your back straight when working with the monitor.
- Always turn off the device before unplugging it. To disconnect, grasp the plug — do not pull the cord itself.
- 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.
- 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.
- 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.

## Device Diagram

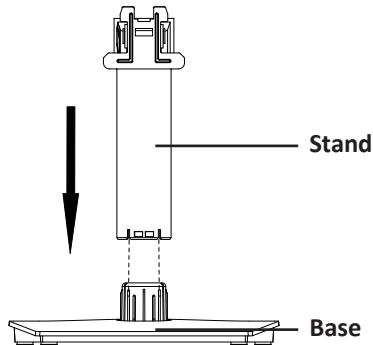


1. Screen.
2. Stand.
3. Base.
4. Power indicator.
5. Joystick / Control button.
6. Interface (DC, HDMI, VGA, Audio In, Audio Out).
7. Kensington security lock slot.

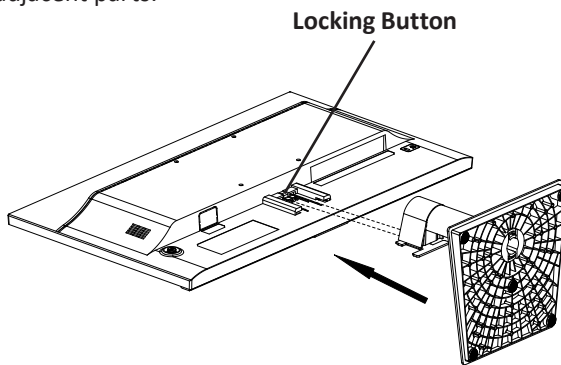
# Assembly and Placement

## Monitor Stand Assembly and Installation

1. Unpack the device and verify that all components are included. If any items are missing, contact the place of purchase.
2. Place the monitor face down on a flat, soft, and stable surface.
3. Assemble the stand parts by aligning the two protrusions on the base with the corresponding slots on the stand column.



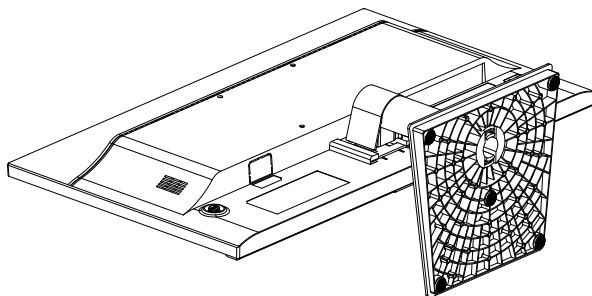
4. Insert the assembled stand into the designated slot on the back of the monitor and press down until it clicks into place, making sure the locking button is parallel to the two adjacent parts.



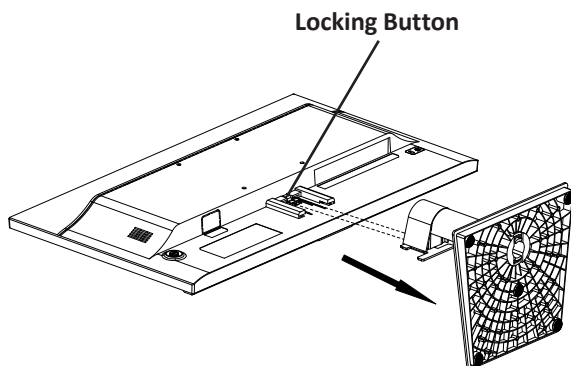
5. Stand assembly is complete.

## Monitor Stand Disassembly

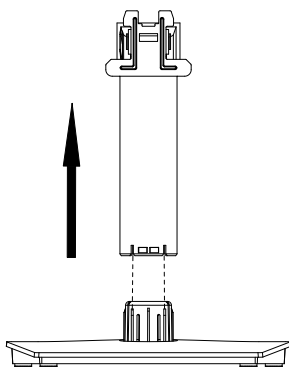
1. Place the monitor horizontally.



2. Detach the stand by pulling it in the direction indicated by the arrow.

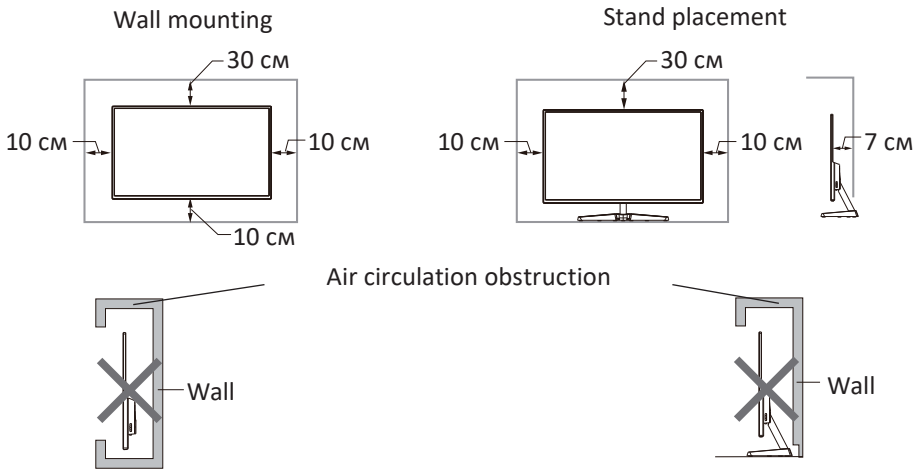


3. Remove the stand column in the direction shown in the figure.



# Monitor Placement

- For safety reasons, place the monitor on a flat and stable surface using the stand provided.
- For wall mounting, use a bracket that is compatible with the monitor specifications (not included). The wall must be able to support the weight of the monitor together with the mounting hardware. For wall mounting, consult a qualified technician.
- Place the monitor in a dry, well-ventilated area.
- The power outlet must be easily accessible.
- The device must be inaccessible to insects.
- Ensure free space from the monitor to the nearest objects in accordance with the figure:



- Do not place this device:
  - near sources of heat and moisture;
  - in locations subject to mechanical vibrations;
  - on a bed, sofa, carpet, or other unstable surfaces;
  - in front of an air conditioner (to prevent condensation damage);
  - near sources of magnetic fields (audio systems, TVs, etc.);
  - in enclosed spaces (for example, in a bookshelf), except for spaces with adequate ventilation.

# Operating Instructions

## Joystick / Control Button

- Joystick Up: Select input source.
- Joystick Down: Open main menu.
- Joystick Left: Decrease volume.
- Joystick Right: Increase volume.
- Center Button: Turn off the monitor (press and hold for 3 seconds).

## Main Menu

- Joystick Up: Navigate up in menu / Increase parameter value.
- Joystick Down: Navigate down in menu / Decrease parameter value / Confirm current settings.
- Joystick Left: Return to previous menu level.
- Joystick Right: Go to the next menu level.
- Center Button: Turn off the monitor (press and hold for 3 seconds).

**Caution:** If the PC display refresh rate exceeds the monitor's supported frequency range, vertical and horizontal lines may appear on the screen. Set a refresh rate that is supported by the monitor on your PC.

## Using the Device

1. Ensure that the monitor and PC are disconnected from the power source.
2. Connect the HDMI cable (included) or VGA cable (not included) to the corresponding monitor port, and connect the other end to the graphics card port on your PC.
3. To connect the monitor to the power source, insert the power cord plug into the power outlet and the connector into the monitor's power input port (DC).
4. Turn on the PC.
5. The monitor is ready for use.

**Note:** When first connected to the power source, the monitor will turn on automatically. For subsequent power-on (as well as power-off), press and hold the center joystick button for 3 seconds.

## Cleaning and Maintenance

- Always disconnect the monitor from the power source before cleaning.
- Do not use liquid or aerosol cleaners.
- Wipe the monitor with a soft, damp cloth. To remove stubborn stains, use a specialized LCD screen cleaner.

# Troubleshooting Guide

| Issue                                                 | Solution                                                                                                                                                                                                       |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power indicator does not light up                     | Check that the monitor is properly connected to the power source                                                                                                                                               |
| Image is blurry, too large/small, etc.                | Enter the «Reset» section of the On-Screen Display (OSD) menu and select «Auto Image Adjust».<br><b>Note:</b> This function is only available when using a VGA input signal                                    |
| Poor detail in dark areas of the image                | Go to the "Brightness" menu to adjust the brightness and contrast                                                                                                                                              |
| Device overheating                                    | Remove objects from the monitor and/or increase the clearance between the monitor and nearby objects (see the "Monitor Placement" section)                                                                     |
| Dark/light spots appear when the device is powered on | This is normal. This effect is caused by uneven backlight illumination during startup due to temperature differences. The dark/bright spots will disappear after the monitor has been operating for 20 minutes |
| Image is flickering, shaking, etc.                    | Check your PC's graphics card settings and set the recommended resolution and refresh rate for this monitor                                                                                                    |
| Noise when powering off                               | This is normal                                                                                                                                                                                                 |

## Specifications

- Model: DF22N1K.
- Trademark: DEXP.
- Speaker power:  $2 \times 2$  W.
- Power consumption in standby mode: 0,5 W.
- Power consumption in operating mode: 24 W.
- Power adapter specifications:
  - Input: 100–240 V ~ 50–60 Hz.
  - Output: 12 V = 2 A.
- Power supply: 12 V = 2 A.
- Energy efficiency class: E.
- Luminance: 250 cd/m<sup>2</sup>.
- Contrast ratio: 3000:1.
- Screen size: 21,45".
- Aspect ratio: 16:9.
- Pixel response time (GtG): 4,3 ms.
- Panel technology: VA.
- Maximum resolution: 1920 × 1080.
- Maximum refresh rate: 100 Hz.
- Viewing angle (horizontal/vertical): 178°.
- Interface: Audio In, Audio Out, HDMI, VGA (D-sub).
- Technologies: Low Blue Light, Flicker Free.
- Weight: 2.2 kg.
- VESA Mount Standard: 100 × 100.
- Dimensions (W × D × H): 49,2 × 17,6 × 37,4 cm.
- Built-in speaker.
- Protection class (adapter): II.
- Protection class (device): III.
- IP code: IP20.
- Cord type: X.
- Scope of application: domestic.

## Package Contents

- Monitor.
- Screwdriver.
- Cleaning Cloth.
- Base.
- HDMI Cable.
- Power adapter.
- Cable clip.
- User Manual.



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# 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:** HONG KONG OVERVIEW INDUSTRY CO., LIMITED.

ROOM 20 UNIT B3, 07/FL TUEN MUN INDUSTRIAL CENTRE, NO. 2 SAN PING CIRCUIT, TUEN MUN, HONG KONG.

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.

