MONOPRICE

32" 4K HDR IPS Ultra Slim Desktop Monitor

User's Manual

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This monitor is intended for indoor use only.

- Do not expose this monitor to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet and allow it to fully dry before reapplying power.

- Do not touch the monitor, the power cord, or any other connected cables with wet hands.

- Do not place the monitor on an unstable surface where it could fall and cause either personal injury or damage to the monitor and/or other equipment.

- Do not subject the monitor to extreme force, shock, or fluctuations in temperature or humidity.

- Do not block the ventilation holes in the monitor's casing. Do not place the monitor in a confined space with inadequate ventilation. Periodically check the ventilation holes to ensure they do not become clogged with dust, debris, or nearby items.

- Do not place the monitor near a heat source, such as a fireplace, heating vent, radiator, etc.

- Do not place or install this monitor in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.

- Prior to operation, check the monitor and power cord for physical damage. Do not use if physical damage has occurred.

- Unplug this monitor from the power source when not in use.

- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.

- Never unplug the monitor by pulling on the power cord. Always grasp the connector head or adapter body.

- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.

- This monitor has no user serviceable parts. Do not open the case or otherwise attempt to modify this monitor.

- Do not leave a single image on the display for a long period of time. Doing so could cause "burn-in" of the image. It is recommended to use a variable desktop background and to use a screen saver to prevent "burn-in". Alternatively, ensure that the monitor is powered off for at least 2 hours out of every 12.

FEATURES

- 3840 x 2160p @ 60Hz maximum resolution

- Two HDMI® 2.0 and two DisplayPort 1.3 video inputs

- Supports the AMD® FreeSync™ dynamic refresh rate feature

- Support for more than 1.07 billion colors (10 bits / channel, 30 bits total)

- 2ms response time

- 500000:1 dynamic contrast ratio

- Soft matte screen finish

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website **www.monoprice.com** during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at **support@monoprice.com**

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x 32" monitor	1x High Speed HDMI® Cable
1x Stand neck	1x AC power adapter
1x Stand base	1x AC power cord
3x M4x10 screws	1x User's manual
3x M4x7 screws	

PRODUCT OVERVIEW

Connections

Controls

Note that the Left and Right directions referred to below are from the perspective of the front of the monitor.

1. **Power:** Press the joystick in to turn the monitor on or to put it into standby mode.

2. **Up:** If the OSD or Input Select menu is not displayed, push the joystick **Up** to display the OSD menu. If the OSD menu is displayed, push the joystick **Up** to select or edit the highlighted menu entry. If editing an entry in the OSD menu, push the joystick **Up** to save your changes. If the Input Select menu is displayed, push the joystick **Up** to select the highlighted input.

3. **Left:** If the OSD or Input Select menu is not displayed, push the joystick to the **Left** (from in front of the monitor) to turn the Low Blue Ray feature on or off. If the OSD or Input Select menu is displayed, push the joystick to the **Left** to move the highlight to the left or down. If editing an entry, push the joystick to the **Left** to decrease the value or to cycle backwards through the available options.

4. **Down:** If the OSD or Input Select menu is not displayed, push the joystick **Down** to display the Input Select menu. If the OSD or Input Select menu is displayed, push the joystick **Down** to back up one menu level or to exit the menu. If editing a value, push the joystick **Down** to cancel editing without saving your changes.

5. **Right:** If the OSD or Input Select menu is not displayed, push the joystick to the **Right** (from in front of the monitor) to cycle through the HDR settings. If the OSD or Input Select menu is displayed, push the joystick to the **Right** to move the highlight to the right or up. If editing an entry, push the joystick to the **Right** to increase the value or to cycle forwards through the available options.

OSD MENU SYSTEM

The On-Screen Display (OSD) menu system allows you to change basic and advanced settings. Use the joystick control to navigate the menu and select and edit entries.

Picture Menu

Brightness: Adjusts the overall screen brightness. The adjustment range is **0-100** in 1 point increments.

Contrast: Adjusts the amount of contrast between the bright and dark areas of the displayed image. The adjustment range is **0-100** in 1 point increments.

Sharpness: Adjusts the amount of edge enhancement on the image. The adjustment range is **0-4** in 1 point increments.

Aspect Ratio: Adjusts the image aspect ratio. The available options are **Full, 16:9, 4:3,** and **1:1.** The Full options uses the aspect ratio output by the connected video source, while the other three options force the individual aspect ratios.

Ultra Vivid: Adjusts the amount of color saturation used. The available options are **Off, Low, Middle,** and **High.**

DCR: Enables or disables the Dynamic Contrast Ratio (DCR) features, which uses the backlighting to artificially increase the overall image contrast. DCR is not well suited for use with the fast moving images found in action movies and video games. DCR cannot be enabled when the HDR feature is set to On or Auto. The available options are **On** and **Off.**

HDR: Enables or disables the High Dynamic Range (HDR) feature. The available options are **On, Off,** and **Auto.**

Color Menu

Color Effect: Selects one of the image color presets designed for use with different applications. The available options are **Standard, FPS, RAC, RTS,** and **Movie.** The FPS,

RAC, and RTS options are designed for use with First Person Shooter, Racing, and Real Time Strategy games.

Saturation: Adjusts the amount of color saturation. The adjustment range is **0-100** in 1 point increments.

Gamma: Selects one of the available gamma options. The available options are **Off, 1.8, 2.0, 2.2,** and **2.4.**

Temperature: Selects one of the color temperature values. The available options are **sRGB, User, 9300, 7500, 6500,** and **5400.**

R: Adjusts the amount of red color in the image. The adjustment range is **0-255** in 1 point increments. This option is only available when the Temperature option is set to User.

G: Adjusts the amount of green color in the image. The adjustment range is **0-255** in 1 point increments. This option is only available when the Temperature option is set to User.

B: Adjusts the amount of blue color in the image. The adjustment range is **0-255** in 1 point increments. This option is only available when the Temperature option is set to User.

Advance Menu

Volume: Adjusts the volume level. The adjustment range is **0-100** in 1 point increments.

Mute: Enables or disables audio muting. The available options are **On** and **Off.**

Over Drive: Adjusts how quickly the monitor is able to switch colors for anti-ghosting purposes. The available options are **On** and **Off.**

Free Sync: Enables or disables the AMD® FreeSync™ feature, which uses a dynamic refresh rate aimed at reducing screen tearing. The available options are **On** and **Off.**

Low Blue Ray: Adjusts the amount of blue light contained in the image. The available options are **Off, Low, Middle,** and **High.**

Los: The Los feature puts a crosshair overlay on the middle of the screen for use with FPS games. There are three different styles available. The available options are **Off, Los 1, Los 2,** and **Los 3.**

OSD Menu

Language: Selects one of the available languages for the OSD menu system. The available languages are **English, Chinese, Korean, French, German, Italian, Spanish, Russian, Dutch, Japanese,** and **Polish.**

Menu Time: Adjusts the amount of time that the OSD menu will remain on screen without any control input. The adjustment range is **10-60** seconds in 1 second increments.

OSD H Position: Sets the horizontal position of the OSD menu on the screen. The adjustment range is **0-100** in 1 point increments.

OSD V Position: Sets the vertical position of the OSD menu on the screen. The adjustment range is **0-100** in 1 point increments.

Transparency: Adjusts the amount of transparency of the OSD menu. The adjustment range is **0-255** in 1 point increments.

Reset: Resets all monitor settings to the factory default values.

Information Menu

This screen displays the firmware version, active input, screen resolution, horizontal refresh rate, and the pixel clock.

SPECIFICATIONS

Model	27772, 30678, 30679
Screen Size	32"
Screen Type	IPS
Screen Finish	Soft matte
Backlighting	LED
Video Inputs	2x HDMI® 2.0 and 2x DisplayPort 1.3 with AMD® FreeSync™ support
Aspect Ratio	16:9
Maximum Resolution	3840 x 2160 @ 60Hz
Pixel Pitch	0.1845 x 0.1845
Brightness	250 cd/m^2
Contrast Ratio	1000:1
Dynamic Contrast Ratio	500000:1
Response Time	2ms
Viewing Angles	178° horizontal, 178° vertical
Maximum Colors	More than 1.07 billion (10 bits/channel, 30 bits total)
Input Power	19 VDC, 3.42A
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Maximum Power Consumption	65 watts
Dimensions (without stand)	28.3" x 16.6" x 1.6" (720 x 422 x 42 mm)
Dimensions (with stand)	28.3" x 20.5" x 7.5" (720 x 520 x 191 mm)
Weight	12.8 lbs. (5.8 kg)

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website www.monoprice.com during regular business hours, 7 days a week. You can also get assistance through email by sending a message to tech@monoprice.com

REGULATORY COMPLIANCE

Notice for FCC

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

C E

EU Declaraton of Conformity

Monoprice, Inc. declares the product described within this user guide or manual is in compliance with below applicable directives. The full text of the EU Declaration of Conformity is available at the following internet address:

https://www.monoprice.com/product?c_id=113&cp_id=11320&cs_id=1130703&p_id=27772&seq=1&format=2

or the CE DoC can be found within this user manual.

- EMC Directive 2004/108/EC

- Low Voltage Directive 2014/35/EU

- RoHS2 Directive 2011/65/EU

- WEEE Directive 2012/19/EC

- Packaging & Packaging Waste Directive 94/62/EC

- REACH Directive 1907/2006/EC

WEEE Information

User information for consumer products covered by EU Directive 2012/19/EU on Waste Electric and Electronic Equipment (WEEE).

This document contains important information for users with regards to the proper disposal and recycling of Monoprice products. Consumers are required to comply with this notice for all electronic products bearing the following symbol:

For Consumers in the European Union: This EU Directive requires that the product bearing this symbol and or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electrical and electronics products via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your unwanted product, please contacts your local authorities, waste disposal service, or the shop where you purchased the product.

Safety Notice

WARNING: Do not use this product near water, for example, in a wet basement or near swimming pool or in an area where accidental contact with water or liquid might occurs.

WARNING: Avoid using this product during an electrical storm. There may be a remote risk of electric shock from the surge caused by lightning.

WARNING: The external power adapter or AC power cord is the equipment's disconnection device. The power outlet must be located nearby the equipment and its access must be easy.