

GNV34DBE4

CURVED MONITOR

USER MANUAL



In order to continue serving our customers and providing the best products, our product information including our user manuals may receive updates from time to time. Please check our website for the latest user manuals and product materials.

Table of Contents

Section 1: Safety Precautions	4
Section 2: Box Contents	5
Section 3: Product Overview	6
3.1 – Monitor Buttons	6
3.2 – Monitor Ports	6
Section 4: Stand Installation	7
Section 5: VESA Mounting	8
Section 6: Basic Operation	9
Section 7: Indicator Light	9
Section 8: OSD	10
8.1 – OSD Menu Functions	11
Section 9: Shortcut Keys	12
Section 10: Troubleshooting & Info	13
10.1 – General Problems	13
10.2 – PBP (Picture by Picture) Resolution Information	14
10.3 – Hardware & System Requirements	14
Section 11: Cleaning	14
Section 12: Specifications	15
Section 13: 3-Year Limited Hardware Warranty	16

Section 1: Safety Precautions

Read and observe the following warnings and information below.

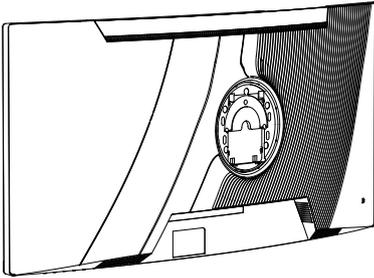
1. Before cleaning, always unplug your monitor. It is recommended that you use a dry cloth or a lightly damp cloth to clean your monitor. A dry cloth is, however, the safest. If using damp cloth, wait for your monitor to completely dry before plugging it in again.
2. Do not use alcohol or ammonia-based cleaner and/or liquids to clean your monitor.
3. This monitor features ventilation openings on the back of the unit. Avoid blocking these openings to prevent the monitor from overheating.
4. Avoid placing this monitor near any heat sources, e.g., portable heaters or heating vents, as this may cause damage to your monitor.
5. Do not spray cleaner and or any kind of liquid directly onto the monitor's screen or any part of the monitor.
6. Do not insert anything into any part of the monitor, especially the ventilation openings.
7. Always make sure your monitor is placed on a secure, level surface to prevent it from falling and sustaining damage.
8. Unplug your monitor during any extended periods of non-use.
9. Do not place heavy items on the monitor or monitor cables.
10. Do not attempt to disassemble or remove parts from the monitor. Any disassembly or modification etc. not performed by an authorized technician can result in damage to the monitor and/or possible exposure to high-voltage electricity, which may lead to serious injury or death.

VIOTEK shall not be held responsible for injury or damage of products or persons due to failure to adhere to the aforementioned precautions or any others noted hereafter.



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

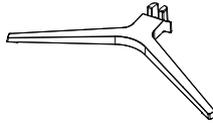
Section 2: Box Contents



Monitor x 1



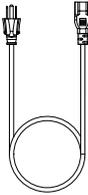
Stand Stem x 1
(with Attached Bracket)



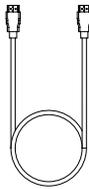
Stand Base x 1



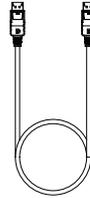
Stand Screw x 1



Power Cable x 1



HDMI Cable x 1



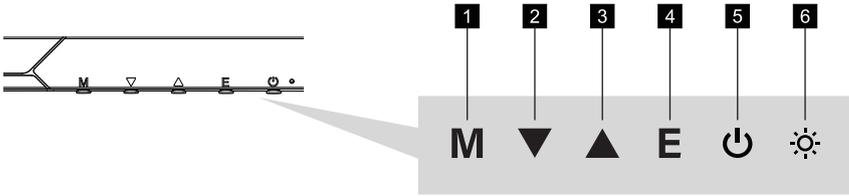
DP Cable x 1



User Manual x 1

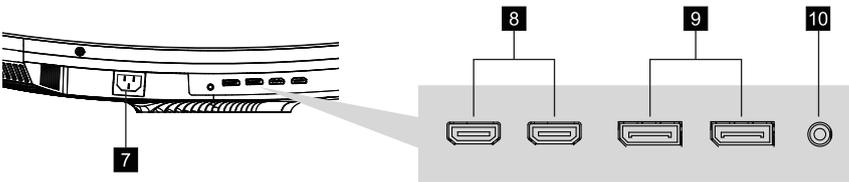
Section 3: Product Overview

3.1 - Monitor Buttons



- 1 M Menu Button:** Press to enter the OSD menu or enter sub-menus.
- 2 ▼ Down Button:** Press to move down in the menus. (Or be used as shortcut key to change Gameplus mode, refer to Section 9.)
- 3 ▲ Up Button:** Press to move up in the menus. (Or be used as shortcut key to change Picture mode, refer to Section 9.)
- 4 E Exit Button:** Press to exit menu. (Or be used as shortcut key to change video input source, refer to Section 9.)
- 5 ⏻ Power Button:** Press to turn the monitor on/off.
- 6 ☀️ LED Indicator:** Displays the monitor status. Refer to Section 7.

3.2 - Monitor Ports

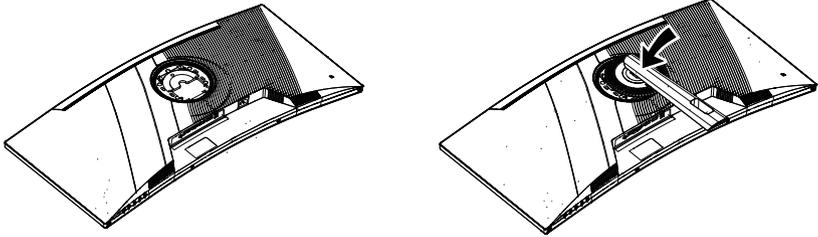


- 7 AC Power Input:** Insert the power cable to supply power to the monitor.
- 8 HDMI Connectors:** Insert one end of the HDMI cable into the computer's HDMI output and connect the other end to the monitor's HDMI port.
- 9 DP Connectors:** Insert one end of the DP cable into the computer's DP output and connect the other end to the monitor's DP port.
- 10 Audio Output:** Insert the audio cable for output of audio signals.

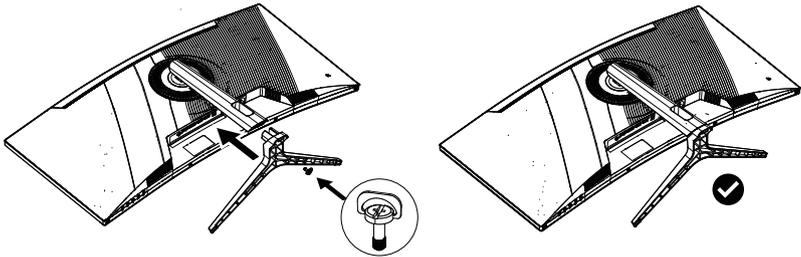
Section 4: Stand Installation

 Keep the foam underneath the monitor before attaching the stand.

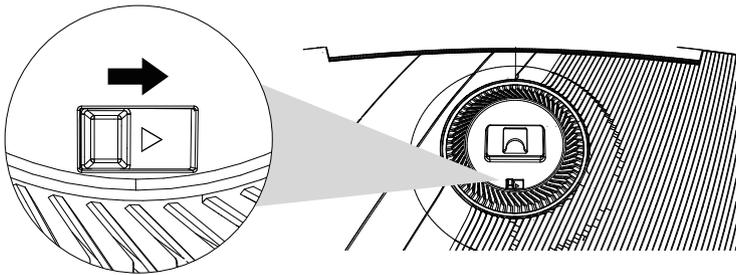
1. Open the package and take out the monitor with the foam still attached. Gently place it face-down on a desktop or table. And remove the upper foam.
2. Take out the stand stem and align its bracket with the opening on the back of the monitor and carefully insert the bracket. The pieces should click into place.



3. Take out the stand base, then use the included tool-free screw to fasten the base to the stem.



4. If needed, the stand can easily be detached from the monitor by toggling the button on the bracket. Gently place the monitor face-down on a flat surface, then unscrew the stand to remove it.



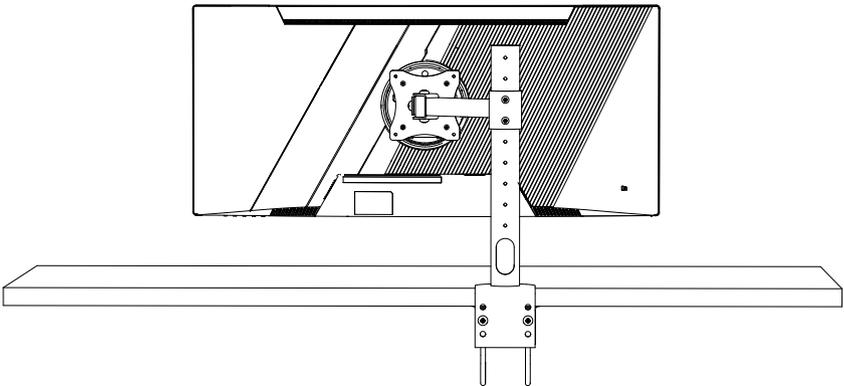
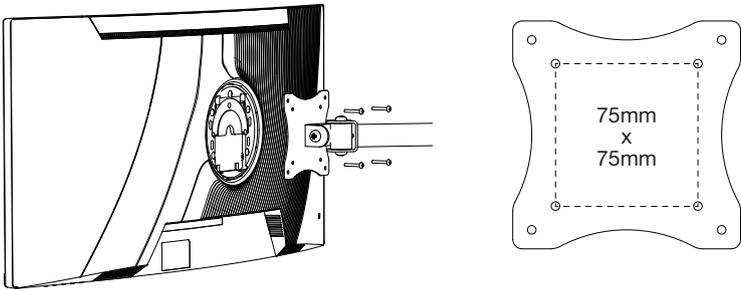
 To avoid damage, do not touch the screen when moving the monitor.

Section 5: VESA Mounting

The GNV34DBE4 monitor supports 75mm x 75mm VESA mounting. You can mount it to a wall or third-party VESA mount.

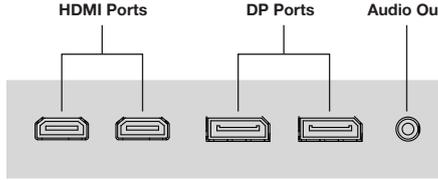
! VESA mounting screws and accessories are **NOT INCLUDED**.

- 1. Check Compatibility:** Ensure your mount has a 75mm x 75mm VESA mount pattern.
- 2. Assemble Mount:** Put together the VESA mount according to the manufacturer's instructions.
- 3. Position Mount:** Align the mount with the monitor's mounting holes on the back.
- 4. Attach Monitor:** Securely fasten the mount to the monitor using appropriate screws.
- 5. Adjust and Test:** Adjust the monitor's position as desired, then power on to test the setup.



Section 6: Basic Operation

1. Insert one end of the DP cable into your PC's graphics card. An HDMI cable may also be used. HDMI cable is not included.
2. Connect the other end of the cable to the corresponding connector on your monitor.



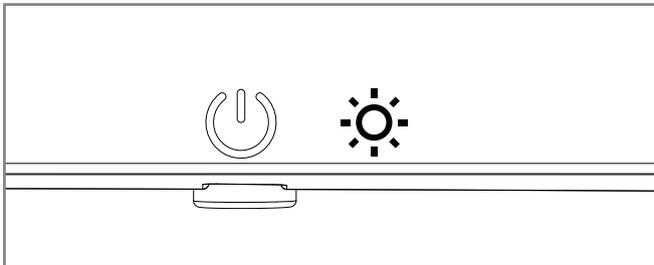
3. Connect the power cable to your monitor then connect the other end to your power source. It is recommended that you use a surge protector with adequate voltage if a wall outlet cannot be reached directly.
4. Locate the power button on the monitor and press it to turn the monitor on.

VIOTEK Adaptive Sync

Adaptive sync eliminates image tearing, stuttering, and ghosting by adjusting of a monitor's vertical refresh rate to the frame rate of the graphics card. It is compatible with GPUs that use AMD® FreeSync™ or NVIDIA® G-Sync™. The feature is off on VIOTEK monitors by default and must be manually enabled in the monitor's OSD (see **Section 8: OSD**). To use this feature, the connecting device must be compatible with adaptive sync (FreeSync and/or G-Sync); and be connected to the monitor using a DisplayPort (DP) cable.

Section 7: Indicator Light

Solid blue light indicates power is on and the monitor is operating normally. Red flashing light indicates the monitor is in standby/ power saving mode, or no video source has been detected. Please ensure your computer is on and all video cables are fully inserted and/or connected.

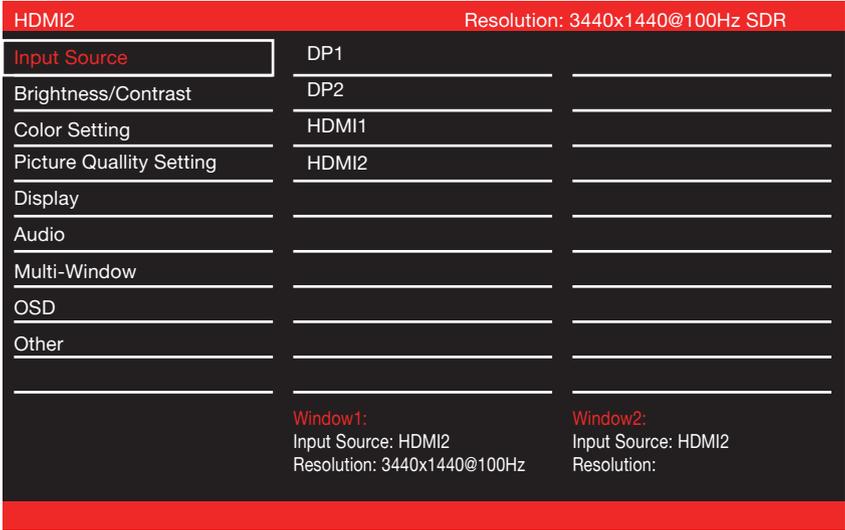


Section 8: OSD

The On-Screen Display (OSD) Menu may be used to adjust your monitor's settings and appears on the screen after turning on the monitor and pressing the **M** button.

 When using the monitor for the first time, settings will automatically adjust to optimal settings according to your computer's configuration.

1. Press M button to enter the OSD menu.



2. Press ▲ or ▼ to navigate settings.
 - Highlight the desired settings and then press **M** to enter the sub-menu.
 - Press ▲ or ▼ to navigate sub-menus then press **M** to highlight the desired function.
 - Press ▲ or ▼ to highlight an option and then press **M** to confirm the settings and exit the current screen.
3. Press **E** to exit the OSD menu.

8.1 – OSD Menu Functions

OSD Menu	Options		Description
Input Source	DP1		Use the▲/▼to select the desired input source.
	DP2		
	HDMI1		
	HDMI2		
Brightness/Contrast	Brightness	0~100	Adjust image brightness level
	Blacklevel	0~100	Adjust image black level
	Contrast	0~100	Adjust image contrast level
	DCR	On/Off	Turn on or off DCR
Color Setting	Gamma	1.8/2.0/2.2/2.4/2.6	Change Gamma
	Picture Mode	Standand/Photo/ Movie/Game/FPS/RTS	Change picture dode
	Color Temperature	Normal/Cool/Warm/USER	Adjust color temperature
	Low Blue Light	0~100	Set low blue light level
Picture Quality Setting	Shanpness	0~100	Set sharpness level
	Response Time	Off/High/Middle/Low	Adjust sensitivity
	MPRT	On/Off	Set MPRT
Display	Aspect Ratio	Wide Screen/4:3	Set display ratio
Audio	Mute	ON/OFF	Mute or unmute
	Volume	0~100	Adjust the volume level
	Audio Source	AudioSource	
Multi-Window	Multi-Window	Off/PIP Mode /PBP 2Win	Select the window mode for your monitor
	Sub Win2 Input	DP2	
	PIP Size	Medium	
	PIP Position	TopRight	
	Swap		
OSD	Language	English, Español, Deutsch, Français, 简体中文,日本語, 한국어	Set OSD language
	OSD H-Positon	0~100	Move the image left or right
	OSD-V-Positon	0~100	Move the image up or down
	OSD-Transparency	0~100	Sets menu transparency
	OSD Time Out	5~30	Set the display time of the menu
	OSD Rotation	Normal/90/180/270	Adjust the menu rotation angle
Other	Adaptive-Sync	On/Off	Turn on or off Adaptive-Sync
	HDR	On/Off/Auto Detect	Turn on or off HDR
	Rest		Reset monitor configurations

Section 9: Shortcut Keys

Use these shortcut keys to adjust monitor settings without accessing the OSD menu:

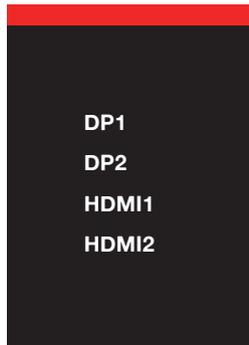
1. Press ▲ button to cycle through Picture Modes: Standard, Photo, Movie, Game, FPS and RTS.



2. Press ▼ button to cycle through Gameplus Modes. Select the crosshair icon that best suits your gameplay needs. These icons are tailored to enhance aiming accuracy in shooting games, but can also be beneficial in other scenarios.



3. Press E button to open the video input menu. Then, press ▲ or ▼ button to select the desired video input source.



Section 10: Troubleshooting & Info

10.1 – General Problems

The screen is blank

- Press the power button to turn the monitor on.
- Confirm the brightness and contrast settings are set normally.
- Check if the indicator light is flashing. If so, there is no signal from your video source.
- If your source is a notebook or laptop, make sure it's powered on and set to mirror or extension mode.

The image is out of focus

- Make sure the video cable is inserted properly at both ends.

The screen is flashing

- Try an alternative power source. Insufficient power can cause this issue.
- Make sure devices such as non-shielded speakers, fluorescent lighting, AC transformers, table fans, etc., are a safe distance away from your screen to avoid magnetic disturbances.

The color bleeds or visual effects appear unusual.

- If your screen is all red or blue, or any colors disappear, check to see that the cable is properly inserted. A loose connection can cause a bad signal.
- Try connecting to another video source for comparison.

The screen appears to be scrolling, rolling, or moving unusually.

- Check that your source frequency is within 165Hz.
- Reconnect and ensure your video cable is secure.

The indicator light does not work

- Check if the power is on.
- Make sure the power cable is properly connected to the monitor and power source.

Cannot plug and play.

- Check PC requirements to make sure it is compatible with the monitor.
- Check graphics card requirements to make sure it is compatible with the monitor.

Dim image

- Adjust the brightness and contrast ratio.

Image jitter/moire pattern

- Nearby electric equipment may be interfering with the monitor.

Light indicator is on or flashing, but there is no image displayed on the screen

- Check if the monitor power is on.
- Check if the graphics card is installed properly.
- Make sure the power cable is properly connected to the monitor and power source.

Image position is not centered/the size is not right

- Please adjust Clock or Auto settings.

Color difference (colors are not optimized)

- Adjust RGB color settings or reset color temperature.

10.2 – PBP (Picture by Picture) Resolution Info

While using this feature and in order to obtain an optimal viewing experience, it is recommended to set the panels to the same resolution. At this resolution, image tearing and other visual artifacts should be minimized.

<p>1</p> <p>It is recommended to set the first panel to 1720 x 1440 @ 60Hz resolution.</p>	<p>2</p> <p>It is recommended to set the second panel to 1720 x 1440 @ 60Hz resolution.</p>
---	--

10.3 – Hardware & System Requirements

The below requirements are the minimum for your GNV34DBE4 monitor. These requirements are recommended in order to properly use all of the monitor's features and ensure high-quality picture.

Minimum Requirements

Operating System: Windows® 7 / Windows® 8 / Windows® 10 64-bit (latest service pack) or higher

Processor (CPU): Intel® Core™ i5 or AMD Phenom™ II X3 or higher

Graphics Card: NVIDIA® GeForce® GTX 950 or AMD Radeon™ R9 380 or higher

Memory: 6 GB RAM

All trademarks and registered trade names are the property of their respective owners.

Section 11: Cleaning

The monitor requires regular cleaning. Take the following steps to carefully and safely clean the monitor. Do not press the monitor display with hands or other objects; otherwise, there is a risk of damaging the screen.

1. Power off the monitor and PC.
2. Disconnect the power cord from the monitor.

 Do not touch any cords or cables with hands. Electric shock may result.

3. Use a dry, non-abrasive cloth to gently remove dust and debris.
4. Lightly wet another soft cloth in water. Ring the cloth out well. Gently wipe the exterior of the monitor.

 Never use alcohol, solvent, surfactant or ammonia-based cleaning solutions. Do not spray water or detergent directly on the monitor.

5. Connect power cord to the monitor when cleaning is finished and when monitor is fully dry.
6. Power on the monitor and PC.

Section 12: Specifications

Item	Detail
Model Number	GNV34DBE4
Panel Type	VA
Screen Size	34-inch
Curvature	1500R
Viewing Angle	H178° / V178°
Aspect Ratio	21:9
Resolution	3440 x 1440
Backlight	E-LED
LED Indicator	Solid Blue: Power On; Flashing Red: Standby
Typical Brightness	220cd/m2
Default Color Temp.	6500k
Color Gamut	sRGB 140%; NTSC 102%
Contrast Ratio	4000:1 (Typical); 1000000:1 (Dynamic)
Pixel Pitch	0.07725mm(H) x 0.23175mm(V)
Response Time	OD 6ms/ MPRT 1ms
Refresh Rate	144Hz Max
Ports	HDMI 2.1 x2, DP 1.4 x2, Audio Output x1
Speaker	3W x2
Power	AC 100-240V~, 50/60Hz, 1.5A
Power Consumption	Max: 40W, Typical: 36W, Standby ≤ 0.5W
OSD Language	English, 简体中文, 한국어, Русский, Español, 日本語, Français
	Operating temperature: 32°F to 104°F
Usage Temp.	Storage temperature: -4°F to 140°F
	Operating relative humidity: RH 10% to 85%
Title Angle	Forward 5°, Backward 15°
VESA Mounting	75mm x 75mm
Dimension (With Stand)	31.9 x 7.8 x 18.6 in (812 x 197 x 473 mm)
Net Weight	12.6 lb. / 5.72 KG

Section 13: 3-Year Limited Hardware Warranty

Your VIOTEK® GNV34DBE4 Curved Gaming Monitor (“Product”) includes a Three-Year Limited Hardware Warranty (“Warranty”). The Warranty covers product defects in materials and workmanship under normal use. This Warranty is limited to residents of the United States and Canada only and is available only to original purchasers. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state. This Warranty starts on the date of your purchase and lasts for three years (the “Warranty Period”). The Warranty Period is not extended if the Product is repaired or replaced. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive. Warranty services are provided by Viotek Warranty Pro (“WP”). If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, WP will: (1) repair the hardware defect by using new or refurbished parts that are equivalent to new in performance and reliability; or (2) exchange the Product with a new product or a refurbished one that is substantially equivalent to the original product. This Warranty is for one replacement only of like-items and does not cover items out of production if the product is no longer made or stocked. This Warranty is not assignable or transferable. The original purchaser may contact us for service requests via our website: www.viotek.com. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes WP’s property. This warranty only covers technical hardware defectiveness during the warranty period and under normal use conditions. WP does not warrant the uninterrupted or error-free operation of this Product. This Warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; (h) overclocking; or (i) external causes such as accidents, abuse, or other actions or events beyond our reasonable control.

Important: Do not disassemble the Product. Disassembling the Product will void this Warranty. Only WP or a party expressly authorized by WP should perform service on this Product.

DISCLAIMER OF WARRANTY: THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

DECLARATION OF CONFORMITY

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC RELATED INFORMATION:

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

VIOTEK®

COPYRIGHT © 2024 VIOTEK. ALL RIGHTS RESERVED.