VIPER™

Gaming Headset
V360

User Manual

Introduction

Thank you for purchasing the Viper V360 gaming headset. This headset comes equipped with a 7.1 virtual surround sound engine that brings true-to-life 360° audio to immerse you deep into in the game. Additionally, each earcup comes equipped with it's own separate 20mm bass driver with UBR (Ultra Bass Response) technology that provides incredible low frequencies for a thunderous bass experience.

An omnidirectional microphone that folds away into the left earcup when not in use offers exceptional signal-to-noise ratio to transmit a loud and crystal clear signal that is unmatched by traditional microphones.

All of the controls for the headset are located directly on the left earcup for quick access and to eliminate the need for a bulky and heavy control unit on the headset cord.

Finally the earcups are made from a high-quality fabric mesh that repels sweat and are comfortable to wear for long periods of time.

Features / Technical Specifications:

- 7.1 Virtual surround sound
- Built-in foldable microphone
- Ultra Bass Response (UBR) system
- USB interface
- Convenient on-ear sound controls
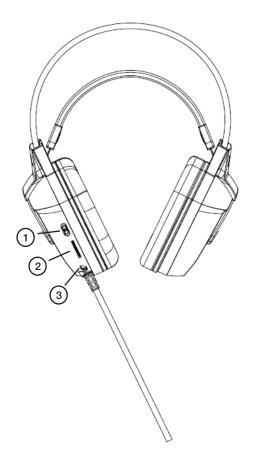- LED illumination

Speaker:
- Frequency response: 20Hz - 20KHz
- Impedance: 32 Ω at 1kHz
- Sensitivity: 97dB ± 3dB
- Input power: 100mW
- Main drivers: 40mm Neodymium magnet
- Sub-drivers: 20mm
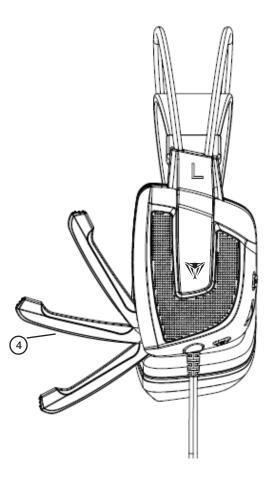- Cable length: 2.2 meters / 7 feet
- Net weight: 385 g

Microphone:
- Frequency response: 100Hz - 10KHz
- Signal-to-noise ration: 93dB
- Sensitivity: 44dB ± 3dB
- Pick-up pattern: omnidirectional

Package Contents:

- Viper V360 gaming headset
- Carrying bag
- Quick Start Guide
- Viper Sticker

1. Ultra Bass Response (UBR) switch
2. Volume wheel
3. LED switch
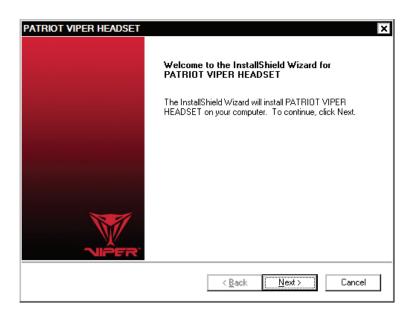4. Foldable Microphone

1. Hardware Installation

Connect the headset to computers USB port.
Wait 5~10 seconds for the headset to be recognized by the computer.

2. Software Installation

Please download the headset software from the product page at http://www.patriotmemory.com to adjust the headset, surround sound, sound effects, profiles and more.
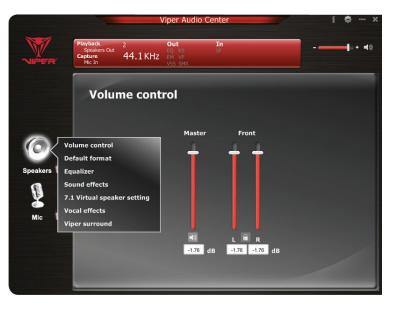
Software Installation Instructions

Once downloaded, double click on the software to start the installation. Follow the onscreen instructions to fnish the process.

Launch the Viper Audio Center

Double click the ⚡ icon system tray to launch the headset software.

Right-click or double click on the Speaker or Microphone icon to access the sub-menus and settings.
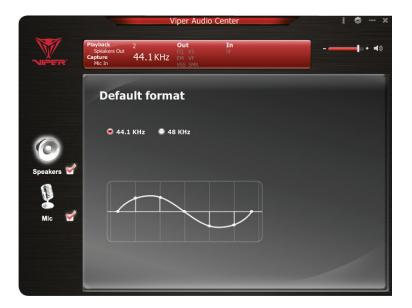

Speaker Settings

Volume Controls

Adjust master volume, front volume and the sensitivity for left and right channels.

Default Format

Adjust the default format between 44.1KHz (CD quality) or 48KHz (DVD quality).

Equalizer

Select from a number of equalizer presets or create your own unique pattern and save it.

Sound Effects

Choose between various environments.

7.1 Surround Sound

Click "Enable" to turn on the 7.1 virtural surround sound settings. Individual adjustments can be made on any of the 7 channels to increase or decrease the volume and position of each speaker.

Vocal Effects

Key shifting - When enabled, this effect allows changes to the pitch of the sound.

Vocal fading - When enabled, this effect fades vocals relative to the background sounds.

Viper Surround

When checked, this effect allows changes the pitch of the surround.

Microphone Settings

Adjust and monitor the mic-in and sensitivity levels.

Default Format

Adjust the default format between 44.1KHz (CD quality) or 48KHz (DVD quality).

Vocal Effects

Change the voice to resemble favorite animals, male or female voices.

Microphone Boost

When enabled, this will increase the microphone volume and sensitivity.

General Settings

Change various settings such as:
- System tray icon status.
- Software background transparency.
- Enabling/disabling popup messages.

FCC and Legal:

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 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.

FCC NOTICE:
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 CAUTION:
• Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
• This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Safety Guidelines:

In order to achieve maximum safety while using your Viper V360 headset, we suggest that you adopt the following guidelines:

1. Turn the volume to its lowest setting before putting on the headset. Once the headset is on, slowly adjust the volume to a comfortable level.

2. Keep the volume at the lowest level possible during use. If increased volume is necessary, adjust the volume slowly.

3. Ringing in the ears may indicate that the sound levels are too high. If you experience any ringing or discomfort, discontinue use of the headset immediately.

4. Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and go to www.patriotmemory.com for support. Do not attempt to service or fix the device yourself at any time.

5. Do not take apart the device (doing so will void your warranty) and do not attempt to operate it under abnormal current loads.

6. Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 0°C (32°F) to 40°C (104°F). Should the temperature exceed this range, unplug and switch off the device in order to let the temperature stabilize to an optimal level.