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## ADVANCED DIGITAL VISIONWEAR

***"We have raised the bar from smart to pure genius. From the moment you wear this modern day miracle, you'll ask yourself as you smile....."What just happened!!?"***

***John Palmer, President***

## **User Manual v3.7**



### **WHAT IS IN THE BOX?**

- **Headset**
- **AC Adapter**
- **Charging Cord**
- **Owners Manual**
- **Carrying Case**



### **Optimal Battery Usage Environment**

Patriot ViewPoint is designed to perform best at 32° - 95°F (0° - 35°C).

Continuous use or charging in extreme temperatures may accelerate battery deterioration.

Temporary exposure to extreme temperatures will activate the device's safeguards to minimize damage, and charging will be limited to protect the battery from overheating.

### **Examples**

Do not use or place your device in hot environments, like a hot car, for extended periods of time.

Do not place or store your device in cold environments, like below-zero temperatures.

DO NOT EXPOSE THE PATRIOT VIEWPOINT TO DIRECT SUNLIGHT WITHOUT BEING WORN AS THE LENSES ARE MAGNIFIERS AND WILL BURN THE SCREEN. THIS IS NOT COVERED UNDER WARRANTY.

# INTRODUCTION

## Cleaning Instructions for your Patriot Viewpoint:

### Microfiber cloth

Your best friend when it comes to keeping your Patriot View Point clean is a microfiber cloth. Since most headsets are made of a combination of plastic and fabric, in many cases a simple wipe down will clean off the worst of the dust or grime. All you need to do is wipe down your headset, being careful to give special attention to any vents, crevices, or ports. They are where dust is going to hide, but your microfiber cloth ought to pick them up without much of a problem.

### Compressed air

Dust and hair can settle into just about any crevice without much help at all. Nobody wants to put their headset on and realize that there is dog hair stuck in the lenses. By keeping a can of compressed air around you can ensure that you never have anything stuck in your headset. All you need to do is point the nozzle of the compressed air about six inches away from the dust and squeeze in short controller burst. This should easily dislodge anything that is stuck, and helps to make sure that you aren't accidentally touching or smearing anything over the lenses of your headset.

### Put it away

One of the biggest issues in keeping your headset is avoiding dust and detritus. This is why we suggest storing your headset in a safe place that isn't in your way when you aren't using it. Dust, animal hair, and other detritus can easily settle onto or inside of your headset when it isn't being used. Particularly keeping your headset stored up high on a shelf or inside its case for storage. By keeping your headset put up and away, you can ensure that what dust does built up will happen at a much slower rate.

**Congratulations on your purchase of the Patriot ViewPoint. We created this remarkable product by combining advanced state-of-the-art high-quality materials with our custom developed software to produce an unprecedented and unparalleled visual sensory experience. Weighing a little over one pound, your Patriot ViewPoint is lightweight and may be comfortably worn for extended periods of time. We immerse your vision, eliminate external glare, and compound your periphery field of view.**

**We did not stop there. We raised the bar even further providing you the benefit of hearing print read aloud. This results in reduced eyestrain and provides for quicker comprehension.**

**You can use your Patriot ViewPoint to see television, theatre, sporting events, museums, cruises, safaris, your family, work on art projects, distance tasks, menus, signs, see sheet music, play an instrument, read computer screens, tablets, smart phones, and more. Imagine the possibilities!**

**DO NOT EXPOSE THE PATRIOT VIEWPOINT TO DIRECT SUNLIGHT WITHOUT BEING WORN AS THE LENSES ARE MAGNIFIERS AND WILL BURN THE SCREEN. THIS IS NOT COVERED UNDER WARRANTY.**

## **SAFETY WARNING**

**We designed the Patriot ViewPoint to be used by wearing it while seated or standing still and motionless.**

**To avoid accidental tripping, or falling, it is imperative to not move while wearing the headset as it encompasses your complete visual field. Do not even attempt to walk while wearing the Patriot ViewPoint headset.**

**DO NOT USE AS A  
MOBILITY DEVICE**  
**DO NOT MOVE, WALK OR  
PUT YOURSELF INTO  
MOTION**  
**DO NOT ATTEMPT TO  
DRIVE WHATSOEVER.**

## **TECHNICAL SPECIFICATIONS**

**Size: 7.95" x 4.58" x 3.65"**

- **101 degrees field of view (widest in world)**
- **2960 x 1440 Pixel SuperAMOLED**
- **Pixels per inch (PPI) 570**
- **Weight: 1.2 pounds**
- **12-megapixel Camera (f/1.7, 26mm, 1/2.5", 1.4  $\mu$ m, Dual Pixel PDAF), phase detection autofocus, OIS, face/smile detection, Auto HDR, panorama**
- **3400 mAh battery, 3.8 volt, Lithium Ion**
- **2.7 gig Octa-Core Processor**
- **Android Operating System 9.0 or higher**
- **Proximity sensor**
- **Accelerometer**
- **Ambient light sensor**
- **Gyroscope**
- **Interpupillary Distance Coverage 54-70mm**
- **Focus Adjustment Wheel**
- **Adjustable Cross Straps**
- **Patriot suite of adaptive augmentative software with embedded gesture points, magnification, digital and optical font enhancements, word wrap, digital voice synthesizer, intelligent character recognition for conversion to speech**
- **Custom proprietary software for power functionality controls for guidance and battery operational management software**
- **Battery Operating Time: Depends on Brightness level. Full brightness = About 1.5 Hours of use**
- **One Year Warranty**

## EDGE MODE Sub-Menu

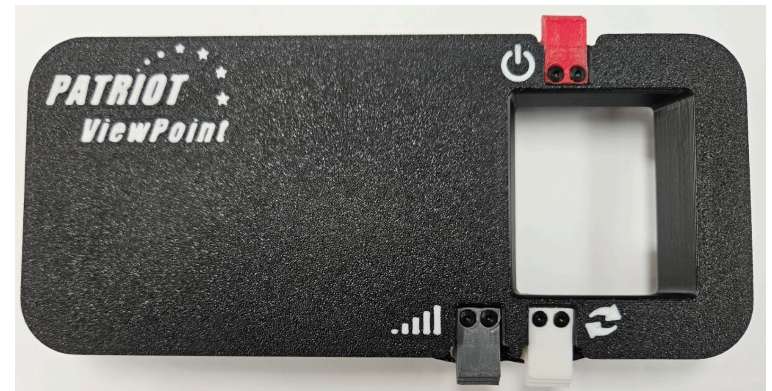
This section of the menu will allow you to add or remove some of the color modes while using the Patriot Viewpoint. The color modes in this menu outline all letters, objects, and people with an outline, providing a possibility of seeing better! There are checkboxes for each Edge Color mode. Select by swiping up or down on the TOUCHPAD and press the READ button to select which Edge Mode colors that you would like enabled or disabled. The top option "Off" will disable all of the Edge Color Modes. The COLORS button will back out of this menu.



## USING YOUR PATRIOT VIEWPOINT

Before powering unit on, please take a moment to place the Patriot ViewPoint on your head, over your eyes, pull on the elastic straps GENTLY to avoid stretching and over extending or breaking straps. Adjust them using the velcro tabs, making sure its comfortably snug on your face and evenly balanced on the top of your head and sides. Note: If you wear corrective eyeglasses, please keep them on and wear the Patriot ViewPoint OVER your corrective eyeglasses. In the unlikely event your eyeglasses are too large to fit into the system, we recommend smaller corrective eyeglasses suitable to fit within the unit.

Power device on by pressing and holding down on the red button on top until it vibrates, then release.



**(OPTIONAL FEATURE)** In the event your Patriot ViewPoint has a white button, pressing the white button will display the TV signal directly into the Patriot ViewPoint. If the Patriot Multimedia Transmitter Box is not installed, the unit will only show a black screen. To get out of this black screen, please wait 10 seconds and push the white button again.

## Upon booting up, warning screen

You will arrive on a **WARNING** message (pictured below), it is imperative for your safety and safety of others that you use this device only when seated or standing still. Do not

walk, move, or attempt to drive.

# WARNING

The Patriot<sup>®</sup> ViewPoint  
is not intended for driving or mobility.

Press any button to continue

While viewing this **WARNING** message, reach above the visor and locate the pupillary distance wheel, adjust it to obtain the optimal clearest view while looking at the screen image. Note: Unit will not require readjustment if you are the only user.

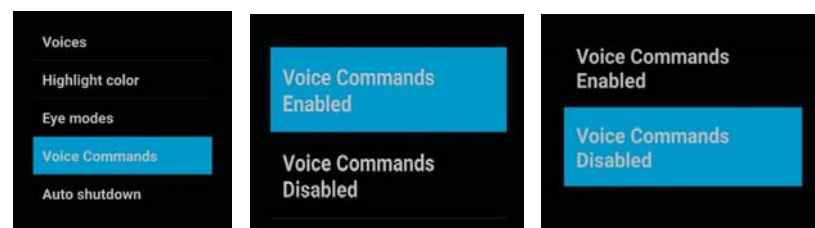
To continue beyond the warning message, click the **COLORS** button on the right side above **CONTROLPAD**.

### Color Modes



## VOICE COMMANDS Sub-Menu

FOR EXAMPLE, YOU MAY WISH TO ACTIVATE THE VOICE COMMANDS FEATURE. SIMPLY SWIPE TO THE OPTION PREFERRED AND PRESS AND HOLD THE READ BUTTON TILL IT BEEPS. THIS OPTION IS SAVED WHEN EXITING OUT OF THE MENU BY PRESSING THE COLORS BUTTON REPEATEDLY.



IN ORDER TO INVOKE THE FOUR VOICE COMMANDS WHICH ARE LISTED BELOW YOU MUST SPEAK THE WORD "PATRIOT" AND THEN THE COMMAND. PLEASE NOTE: YOU MUST COMPLETE ALL VOICE COMANDS WITHIN 20 SECONDS. IF NOT, YOU MUST REPEAT THE WAKE-UP WORD "PATRIOT". (If it is easier to remember, then you can always say "Patriot" followed by your desired command every time).

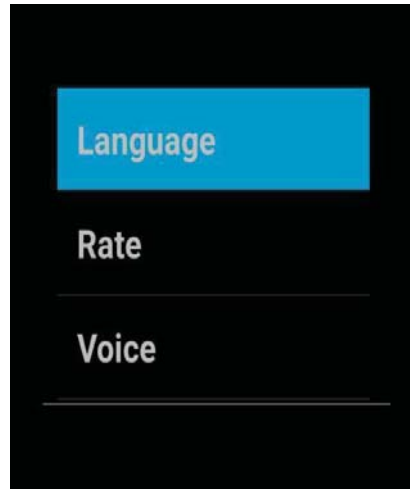
FOUR VOICE COMMANDS (FIRST SPEAK "PATRIOT"), THEN...

MAKE BIGGER  
MAKE SMALLER  
CHANGE COLOR  
TAKE PICTURE

\*VOICE COMMANDS ONLY AVAILABLE IN ENGLISH.

# ADVANCED SETTINGS MENU

Advanced Settings Menu is accessed by pressing and holding down the READ button for a full 15 seconds until a chime rings aloud and the MAIN MENU screen appears, pictured here



Swipe up or down on the CONTROLPAD for choosing which option desired, then select the option desired by pressing the READ button.



LANGUAGE sub-menu

RATE sub-menu

VOICE sub-menu

**NOTE: ESCAPE BACKWARD TO A PREVIOUS MENU BY PRESSING THE COLORS BUTTON. REPEATED PRESSING COLORS BUTTON WILL EXIT MENU COMPLETELY. CHANGES MADE ARE AUTOMATICALLY SAVED.**

# HEADSET CONTROLPAD

Located on the right side of the Patriot ViewPoint are all the necessary controls.



There is a CONTROLPAD that consists of a smooth surface with a dimple in the very center. When in LIVE MODE, you can swipe forward for increased zoom, swipe rearward for decreased zoom.

Swipe up for increased brightness and swipe down for decreased brightness.

When in READ MODE, you can still swipe forward for increased zoom and rearward for decreased zoom. Swiping up and down, however, changes in READ MODE. Swipe up to skip backward a sentence, swipe down to skip forward a sentence.

## Color Modes



You can press the **COLORS** button to change between the various contrasting color combinations as follows:

original (color)

high contrast (color)

black on white, white on black, black on yellow, yellow on black,

black on green, green on black, yellow on blue, blue on yellow,

grayscale

## USING YOUR PATRIOT VIEWPOINT

To get past the **WARNING** screen, press the **COLORS** button to activate the **LIVE MODE**. You will notice the surroundings appear brighter, clearer, bigger, and closer, and better than ever!

### ZOOM

On the right side there is a dimple at the center of the control pad to assist you in determining the center of the control pad. It is not a button. Swipe your finger forward quickly from the rear, it is a "flicking forward" motion to zoom in. "Flicking rearward" zooms out.

**Note:** This one finger swipe does not require heavy pressure (do not press on control pad), however, it does require fast swipes.

### BRIGHTNESS

Swipe up for brightness, swipe down to darken. Remember to swipe fast, a slow swipe will not operate the control pad.

### COLORS

Pressing the **COLORS** button located above the control pad changes colors.

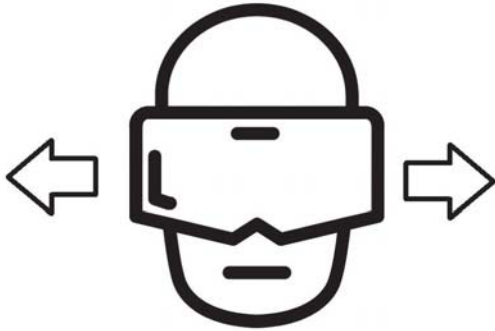
### READ

Pressing the **READ** button located to the rear of the **COLORS** button will take a picture of print and read aloud. Press this button again to return to **LIVE MODE**.

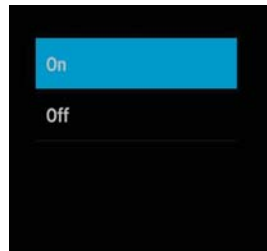
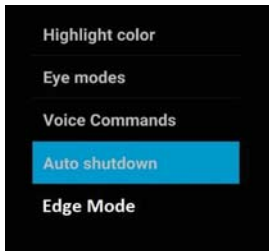


## AUTO SHUT-DOWN CAN BE SHUT OFF

The Patriot Viewpoint is set to automatically shut down if the unit is turned on and remain still for 15 minutes. This feature is to prevent you from accidentally leaving your unit turned on. If you have this feature turned on, then be sure to move your head at least once every 14 minutes, otherwise you will get a audible beeping sound and the following photo on the screen for one minute, and then the unit will shutdown if you do not move your head.



This feature can be disabled by entering the menu by holding down the READ button for 7 seconds, then navigate with swiping down on the trackpad. Once you highlight "Auto shutdown" then simply press the READ button. Then swipe up or down and press the READ button to select your preference. The COLORS button will navigate backwards in the menu. Keep pressing the COLORS button until you exit the menu.



## READ MODE



To read printed text aloud, aim at the text and press the READ button to take a picture of the printed material causing unit to enter READ MODE. Unit begins to read aloud and presents the text onto the screen. In READ MODE, swipe up will read previous sentence, swipe down will read next sentence, swipe rearward will decrease zoom and swiping forward will increase zoom. Pressing COLORS button changes color. Double tapping the center of the trackpad will PAUSE reading and doing this again will RESUME reading. Pressing the READ button again exits you from READ MODE and returns you to the LIVE MODE.

# QUICK REFERENCE GUIDE

## HEADSET FEATURES - ILLUSTRATED



**CONTROL PAD    EARBUD PORT    CHARGER & CORD**

### POWER BUTTON



**VOLUME BUTTON**



**COLORS BUTTON**



**READ BUTTON**



**CHARGING PORT**



**PUPIL DISTANCE WHEEL**

**READ - PRESS TO HAVE PRINT READ ALOUD**

**COLORS - PRESS TO CHANGE COLOR CHOICES**

**ZOOM INCREASE MAGNIFICATION - SWIPE FORWARD ZOOM**

**DECREASE MAGNIFICATION - SWIPE REARWARD**

**BRIGHTER - SWIPE UP**

**DARKER - SWIPE DOWN**

**BATTERY STATUS REPORT - LONG PRESS DOWN ON CONTROLPAD FOR 20 SECONDS UNTIL BATTERY REMAINING IS ANNOUNCED**

**ACCESS SETTINGS MENU - LONG PRESS DOWN READ BUTTON FOR 7 SECONDS**

The picture below depicts the location of the USB-C fast charging port. This can be plugged into the AC charger included to charge the unit. Please note: The Patriot ViewPoint can be used while charging, however the battery will deplete quicker than it is able to charge, therefore the unit will need to be powered off to fully charge.

**DO NOT CHARGE THE VIEWPOINT IN ANY OTHER USB PORT**



**UNIT MUST BE CHARGED WITH THE PROVIDED CHARGING CORD AND ADAPTER**