

# Patriot<sup>®</sup> VR**M**12

Viewer/Reader/**M**ultimedia



User Manual

1-800-364-16**08**

## Introduction

Congratulations on your purchase of the Patriot® VR**M12** system (herein referred to as Patriot®). Patriot® has been designed for the vision challenged to regain increased independence and access to information, news, print, **and** daily tasks. With your Patriot® you can explore adaptive access to whatever level you desire.

First, we start with stunning optics producing brilliant contrast magnification assisting you to read and write with reduced eye strain and increased comfort.

Second, with built-in Reader feature you have the option to listen while the printed text on the page is spoken aloud. Sometimes a lengthy documents **s** or a large volume of text is just easier to hear, while giving your eyesight a rest.

## What's in The Box?

Included is a 12.**4**" high definition touchscreen system that is mounted on a custom **folding** stand with adjustable torque positioning **hinges**, **a carrying case**, a power adapter for the Patriot®, **a USB powering cable**, and this User Manual.

## **The Metal Stand**

**The Patriot® has a custom stand that has multi positioning to allow for adjustments to suit your comfortability. The stand allows for folding until nearly flat and also has a handle on top for easy carrying and protection.**

## **Power Cable**

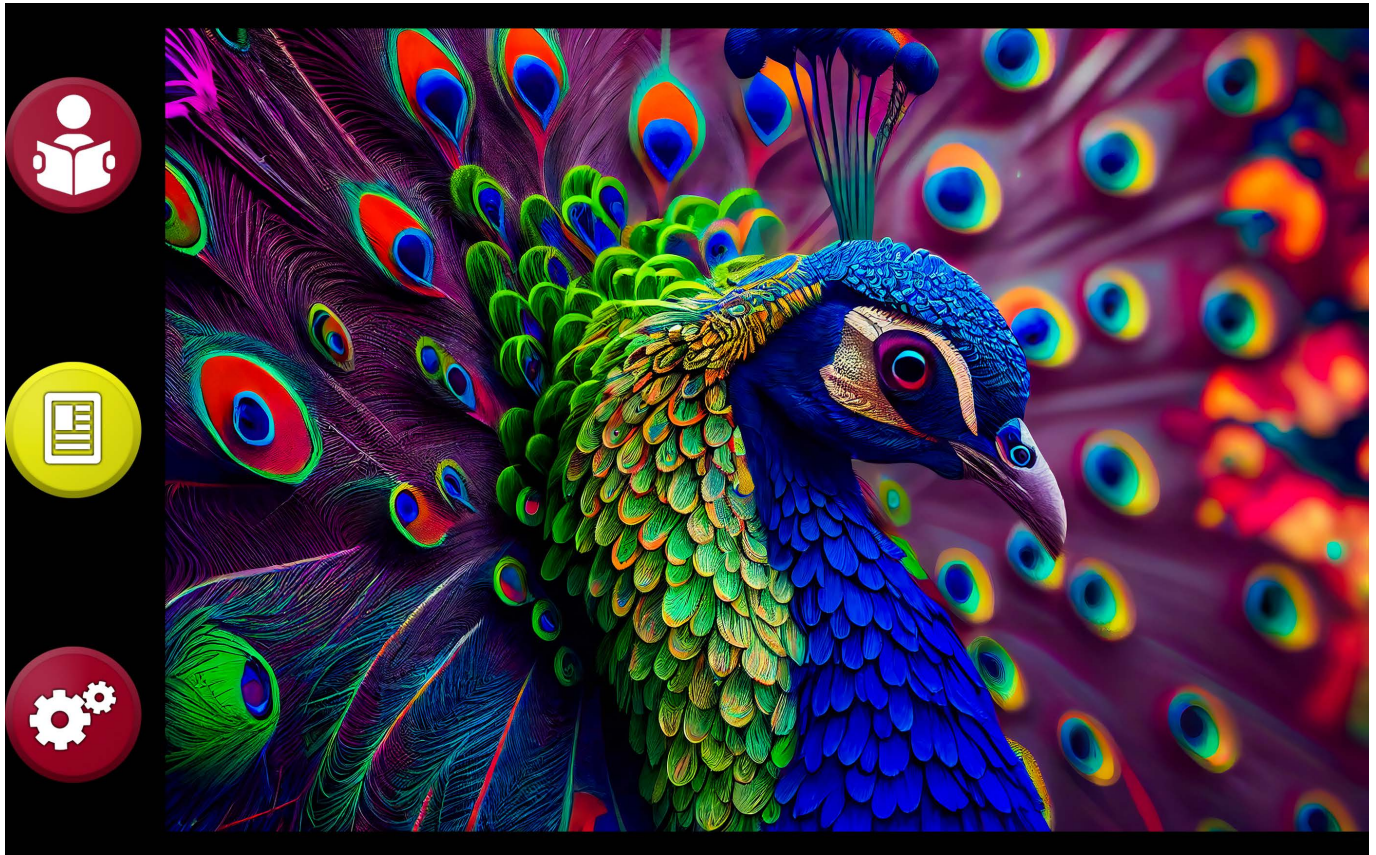
**One power cable is all that is required to use the Patriot®. It is a SAMSUNG® USB cable with SAMSUNG® power block. The power adapter is black with a white USB cable for charging your Patriot®. It is labeled SAMSUNG®.**

## **Using your new Patriot**

**Step One – Plug the power adapter for Patriot® into a properly grounded wall outlet and the other end into the USB port located on the left side of your Patriot®.**

**Step Two – Power up your Patriot® by long pressing the power button. The power button is a thin button located two inches from the lower right corner of the touchscreen. It is used to switch power on or off. Otherwise, it can be quick pressed to place the Patriot® in sleep mode or quick pressed again to awake it from sleep mode if it is in sleep mode.**

**The Patriot® will boot directly into the magnifier, pictured below along with the image in view of what you have placed beneath the camera.**



## **Using the Magnifier:**

**Hold your reading material under the screen with one hand. With your other hand, use one finger and single tap onto the screen to set the focus onto your reading material.**

Next, using three fingers single tap in succession will change the color mode as follows:

Full Color

Brighter Full Color

Positive (Black text on white background)

Negative (White text on black background)

Black text on Yellow background

Yellow text on Black background

Black text on Green background

Green text on Black background

Blue text on Yellow background

Yellow text on Blue background

Next, using your thumb and pointer finger pinch them together and spread apart will zoom text size bigger or smaller.

The lower left corner has a red settings button to make changes to the Magnifier features. These have been set at a typical configuration for most clients but can be explored with double tapping each option on each menu.

Close the Magnifier by double tapping the X button on the upper left side.



## Magnifier Buttons:

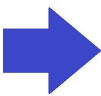
Switch to Reader



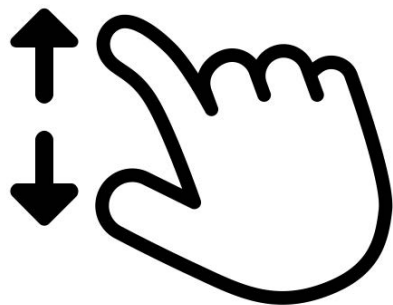
Freeze Image



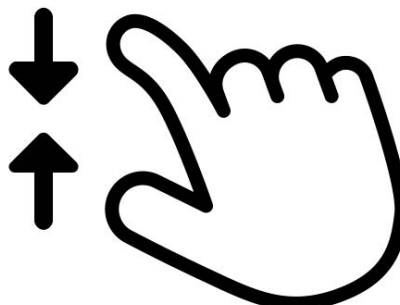
Settings Menu



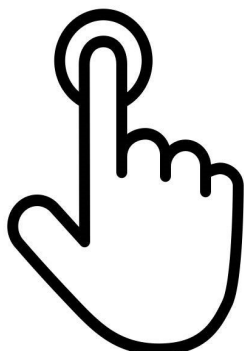
## Hand gestures:



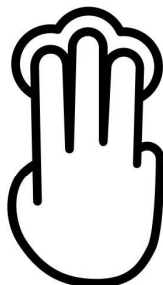
Use two fingers and place them on to the screen and spread them apart to zoom in



Use two fingers and place them on to the screen and squeeze them together to zoom out



Tap with one finger to focus



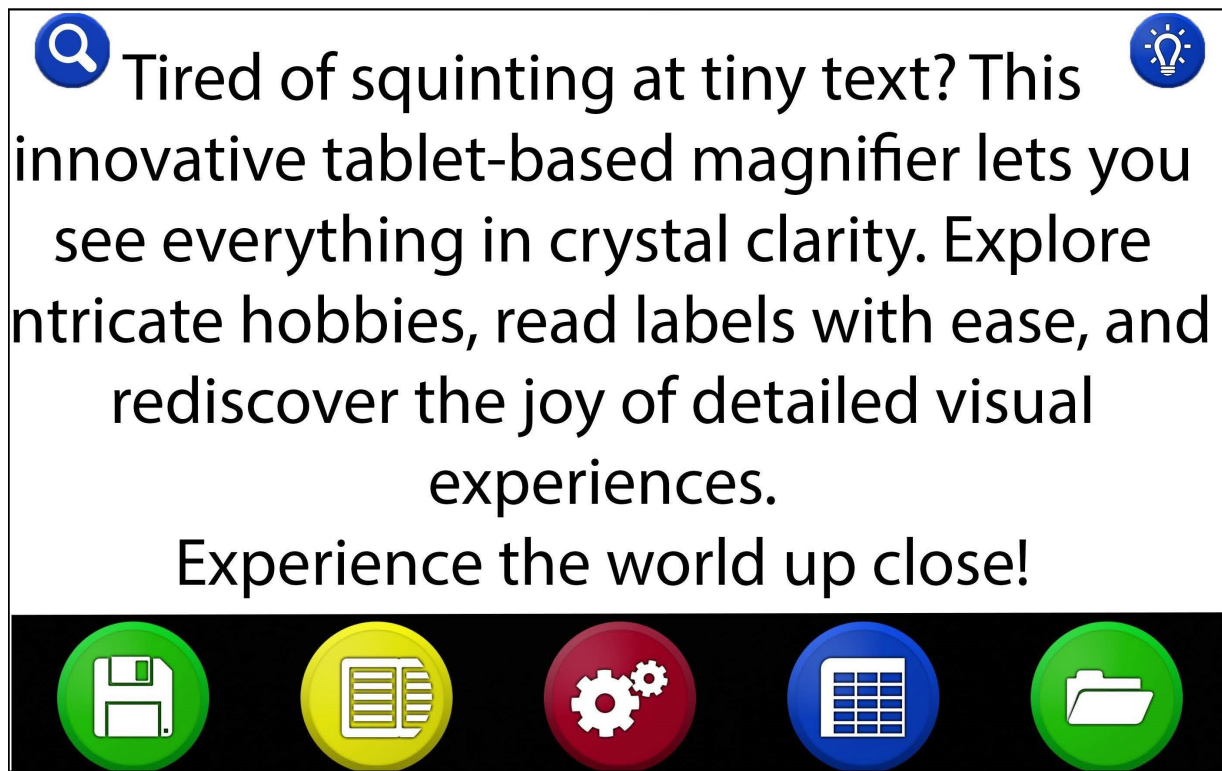
Touch with three fingers to toggle through 11 colors



Touch with four fingers together to toggle light on/off

## Using the Reader

**Touch the icon in the upper right corner.** You will hear “Reader Started”. **This will bring you to the screen pictured below along with the image in view of what you have placed beneath the camera.**



**Raise the adjustable arm so that it is parallel to the platform below.**

**Place your document below the raised screen using the front edge as a guide in placement. Look up at the screen to see that the full document is viewed on the screen. This is the basic orientation used to photograph the material to be read aloud. For all practical matters you will not be required to view the top of the screen when working the reader. For now, it is useful to understand the various mechanics by viewing.**

**When the document to be photographed appears centered onto the screen, then DOUBLE TAP with one finger on the center of the screen and it will photograph the document to begin the process of converting to speech. You will hear a shutter sound. You may lower the adjustable arm to see the screen being read aloud.**

**You can pause by TAP with one finger on any area of the screen, then you may continue by TAP with one finger again on any area of the screen.**

**You may point to read from a specific word or area of the text by single tap on the area you'd like to read from.**

**You can adjust size of the document by using the PINCH technique (pointer finger to thumb) and spreading for larger size and pinching for smaller size.** You can position the document within view using two fingers dragging to right or left or up and down to navigate to the section of the document you would like to see.

When completed using the Reader, you can exit by **performing a TAP** on the Red X button located on the upper left corner. This will bring you to the next option to photograph another document by repeating the process. Exiting **to go back to the magnifier requires performing a TAP** the **blue magnifier icon located in the upper left corner, as pictured below.**





## Reader Buttons:

Switch to Magnifier



Light on / off



Tired of squinting at tiny text? This innovative tablet-based magnifier lets you see everything in crystal clarity. Explore intricate hobbies, read labels with ease, and rediscover the joy of detailed visual experiences.

Experience the world up close!



Save picture to  
the Patriot®

Reading mode  
"original" or  
"wrapped"

Settings

Read across  
columns

Saved pictures

## Specifications

**Samsung Tab S7+ (Model #SM-T970)**

**Android 13**

**12.4" WQXGA+ 120Hz** Display **2800x1752 / 256 DPI**

FULL HD 1080P Playback and Recording

GPS **Location**

**Li-Po 10,090 mAh, non-removable Battery**

**Fast charging 25 watt**

IR LED

**8GB RAM**

**128 Gig Storage (Approx. 100GB available to use)**

**Qualcomm Snapdragon 865 CPU 8 Core - 3.09GHz**

Bluetooth **5.0**

Headphone jack

8 User Modes

**Light weight powder coated** custom **aluminum** stand

**Torque hinges**

**Samsung Stylus Pen**

## Glossary of Terms

PINCH – technique using two fingers, namely the thumb and the pointer finger in a spreading apart or squeezing together manner to achieve magnification zoom in and out

SWIPE – using one finger and quickly sliding across screen right left, left right

DRAG – using two fingers and sliding across screen to “pull” the viewable image up down or left right motions

CLICK – using one finger and quick tap onto screen

ZOOM - enabled using one finger and *quickly* triple tapping on screen, perform again to disable ZOOM

HOME BUTTON – physical button located on top of screen directly centered and under the CLAMP above screen

POWER BUTTON – located two inches from the lower right corner of screen underside of frame. This button is easiest **pushed by putting your finger all the way to the right and sliding left till engaged**

SLEEP BUTTON – identical button as POWER BUTTON when pressed quickly puts unit to sleep and wakes unit up

POWER OFF – can only be performed using POWER BUTTON by long pressing. **A menu will come up asking if you want to power off or restart. TAP on the option "Power off" and TAP again on "Power off" to confirm.**

TORQUE ARM – This is a self-holding arm capable of keeping position wherever you may position screen and is constantly under tension

**TAP - Same as CLICK ( Using one finger, single tap quickly on the screen )**

**DOUBLE TAP - Use one finger and quickly double tap on the screen**

**TRIPLE TAP - Use one finger and quickly triple tap on the screen**

Patriot<sup>®</sup> and Magnifying America<sup>®</sup> are registered trademarks of Low VisionAids, Inc.

Patriot Vision Industries, LLC. is an affiliate manufacturer **for** Low VisionAids, Inc.

Samsung<sup>®</sup> is a registered trademark of Samsung, Inc.

This manual is © Copyrighted 20**26**. All Rights Reserved. Duplication in part or whole is strictly prohibited. It is a violation of federal trademark regulations to copy or use without expressed written permission of trademark/copyright holder.

All Rights Reserved.



# NOTES

## Patriot® Device Registration



To register your new Patriot® device, please use a mobile device to scan the QR code above. This will bring you to our website to register. Inside of the packing you will find a Product Registration Card. Please fill out this card and mail it back to us at:

2125 SW Highway 484 Ocala, FL 34473

If you do not own a mobile device or can't mail the card back to us, please call us at 1-800-364-1608 to register your device over the phone.

**For Further Information:**

Contact your authorized Patriot® Dealer or us at:

***Patriot Vision Industries, LLC.***

2125 SW Highway 484

Ocala, FL 34473

**1-800-364-1608**

Outside United States 954-629-2977

Fax 1-352-**203-4617**

[www.patriotvision.com](http://www.patriotvision.com)

Email: [info@patriotvision.com](mailto:info@patriotvision.com)

**Support Email: [support@patriotvision.com](mailto:support@patriotvision.com)**

Dealer Inquiries Welcome