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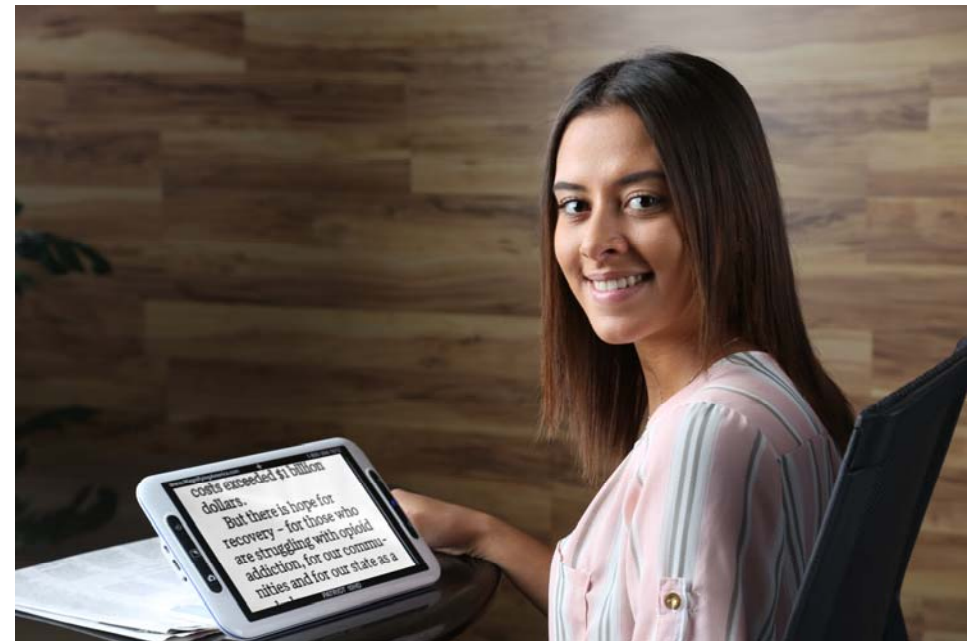
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PATRIOT 10 HD
User Manual v1.1

PATRIOT 10HD

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8. Warranty

Patriot Vision Industries LLC warranties to the original end user consumer the cost of parts and labor and/or replacement of the Patriot IOHD against manufacturer's defects for two years from date of purchase provided unit is sent to us with proof purchase receipt and claim is covered. Claims not covered include, but not limited to, neglect, abuse, drop, accidental damage, cracked screen, cosmetic damage, using wrong adapter. To keep informed, we suggest you register your purchase by filling out the following information and mailing to us.

Name: _____
Address: _____
Phone: _____
EMAIL: _____

Model: Patriot IOHD

Attach COPY of your proof of purchase receipt and mail this completed card to:

Records
Patriot Vision Industries, LLC
2129 SW Highway 484,
Ocala, FL 34473

7. Technical Specifications

- 10 inch full color HD LED Screen
- 2X-20X continuous zoom
- Variable magnification
- 12 color modes
- Auto Focus
- 2 inches to 20 feet working range
- Rechargeable lithium ion battery
- 4 hours continuous use
- 5 hour recharge time
- HDMI output
- Auto power off after 3 minutes
- Anti blur technology
- Power supply (input 110-240V, Output 5V, 2.5A)
- Size 11.1"x6.69"x1.06"
- Weight 1.5 pounds

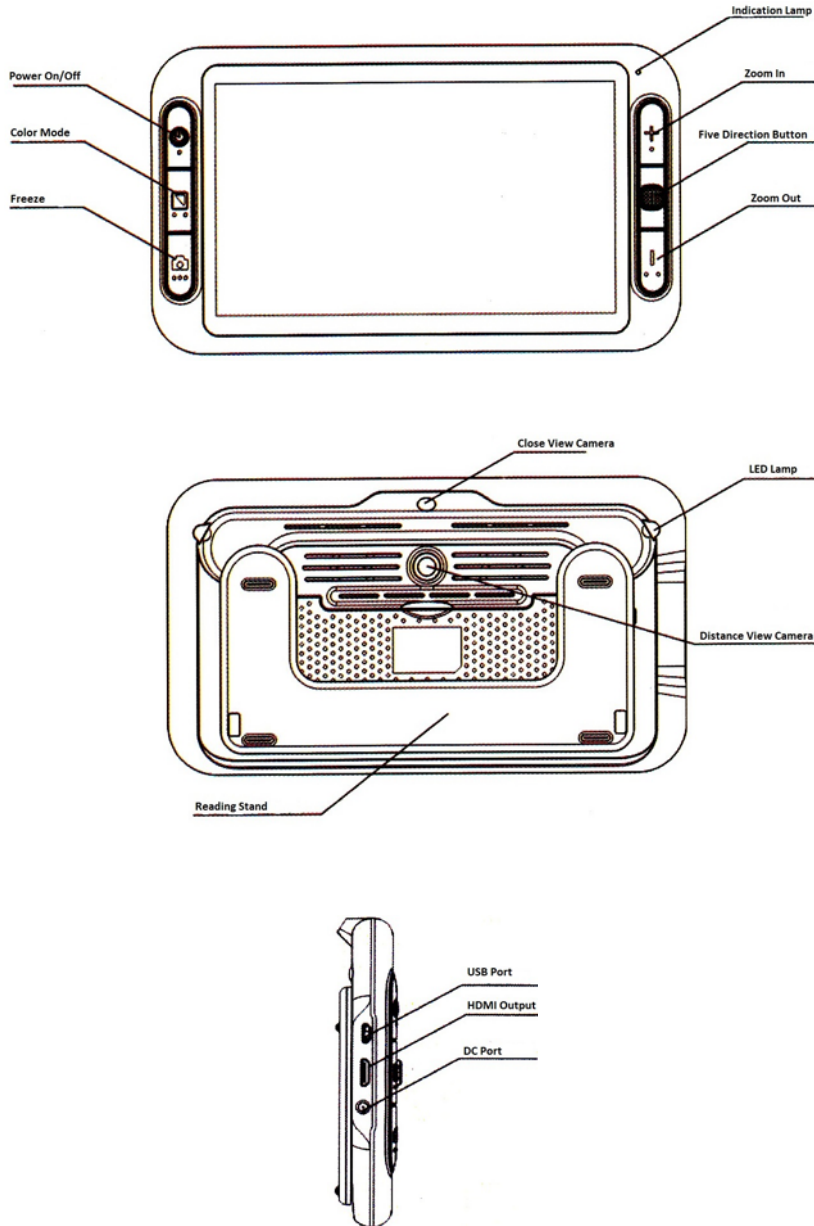
1. Description

Patriot 10 HD is a digital high definition hand held video magnifier having an Integrated design for both near and far view magnification. The range of working distance is robust, from 2 inches to over 20 feet. The multiple HD cameras mean excellent viewing conformity. With its larger 10" screen, useful controls, and outstanding features, The Patriot 10 HD will provide to be highly beneficial for you to use anywhere you deem necessary, home, school, traveling, office, anywhere you go! The Patriot 10 HD is a powerful and versatile tool to assist the vision challenged.

2. Parts & Accessories

Part Name	No.
Video Magnifier	1pc
AC Power Adapter	1pc
HDMI Cable	1pc
User Manual	1pc
Protective Case	1pc

3. Structure



6. Safety Guide

- Do not expose Patriot IOHD to direct sunlight or extreme heat
- Keep away from flame, humidity, rain, liquid, and chemicals
- Do not use this magnifier near inadequately shielded medical devices
- Do not try to repair or open its case. This voids the warranty.
- Do not submerge or cause to get wet.
- Do not use abrasive cleaner agents or solvents
- Use only the supplied adapter Contact your local dealer for service/ support

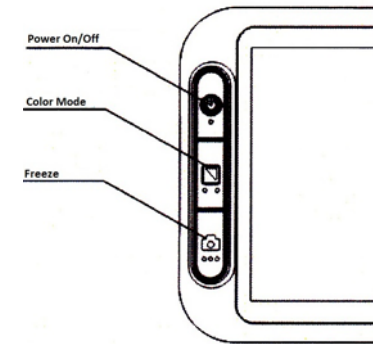
5. Trouble Shooting

Troubles	Solutions
Black Screen	<ol style="list-style-type: none">1. Check if unit is on or off2. Check if the camera is covered by dirt spot3. Decrease the magnification
Unable to turn on	<ol style="list-style-type: none">4. Check if the battery is on or if the battery has power5. Plug into power adapter6. Press the power button together with the color mode button for 3 seconds to turn on.
Image darkness and twist on the screen	<ol style="list-style-type: none">7. Check if the reading material is laid flat.8. Check if the camera lights are off.
No display after connected to TV	<ol style="list-style-type: none">9. Check if the TV is on.10. Check if the wire is correctly connected to TV output and connected to TV.11. Check if it is the correct TV output mode.
Unable to recharge	<ol style="list-style-type: none">12. Check if the power adapter is connected well.
Image blurring	<ol style="list-style-type: none">13. Long press the Freeze button for 6 seconds to make autofocus.

4. Using Guide



4.1 Functions operation

4.1.1 Power On/Off function



- Press and hold power button for 3 seconds until the BEEP sounds
- As unit is powering up, the Patriot splash screen logo will show for a few seconds and then it will enter into video magnifier mode ready for use.
- Press and hold the power button for 2 seconds to turn off.
- Notice: the unit automatically turns off when battery power drops too low.

4.1.2 Two Camera Switch Function

- For reading, choose close view mode.
- For far sight, choose distance view mode.
- Press the five direction button to switch between close view and distance view.
- Distance view mode, the unit show this icon 
- Close view mode, it shows this icon 

4.1.3 Assistive Camera Lights

- Long press the color model button for 5 seconds unit the beep sound, turn on or off the assistive camera lights
- In case of close view model, the unit automatically turn on the lights, while in distance view model, the unit measure the distance, t urn on or off the lights according to the lighting conditions.

4.1.4 Auto-focus Function

- The auto focus is available for close and distance view mode.

4.1.13 Power Saving Function

- Under magnification mode, the unit will turn off automatically if no operation for over 3 minutes.

4.1.14 Setting Memory Function

- The unit will memorize automatically the most recent settings (e.g. color mode, magnification, video output format, button beeps, brightness) and use them in the next power on.

4.1.15 Factory Mode Setting

- Press the button of reset hole behind of magnifier to restore factory setting.


4.1.16 Power Charging

- Unit on, indicate the power level
- Unit off for charging, the red light on, once power full, the red light off.
- Unit on for charging, the orange light on, once power full, the orange light off.

4.1.16 Power Charging

- Press the Power button and Freeze button together to shut down the unit by force.



(2) Album Reading Function

- Long press the freeze button for 3 seconds, the unit vibrate and enter the album.
- The screen shows direction icons, left/right direction icons means to switch the pictures, Press the down direction for 3 seconds to delete the picture, up direction means to enter the image viewing.
- Click the album picture, zoom in and zoom out functions are available, and can scroll the picture.
- Press the five direction button () to come back the album menu.
- Long press the freeze button for 3 seconds, the unit vibrate and exit the album and back to view mode.

4.1.10 HDMI Output

- If the unit screen size is not enough for you, then you can use the HDMI output function to connect to the TV screen for magnification.

4.1.11 The Hz Adjustment

- Under the view mode, long press the zoom in button for 5 seconds until the unit show icon( ) It can switch between 50hz and 60hz.

4.1.12 Working Time

- Working time is more than 4 hours

4.1.5 Contrast Color Mode

- Normal mode and favorite mode are available for contrast color mode
- Long press the color mode button for 3 seconds until the beep sound, it can switch the favorite color mode and advanced color model.
- In favorite mode, press the color mode button to cycle through 3 basic modes: full color, your favorite contrast color and the reverse (such as white on blue & blue on white)
- In Normal mode, press the mode button to cycle through the following

12 color modes:

Full color mode

Grey mode

High contrast white text on black background

High contrast black text on white background

High contrast white text on blue background

High contrast blue text on white background

High contrast yellow text on black background

High contrast black text on yellow background

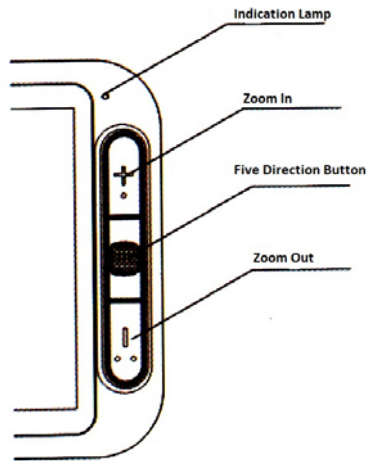
High contrast blue text on yellow background

High contrast yellow text on blue background

High contrast green text on black background

High contrast black text on green background

4.1.6 Zoom In/Zoom Out



- Press the "+" button to zoom in, and press the "-" button to zoom out. you can choose the right and preferred magnification.

4.1.7 Beep Sound Change

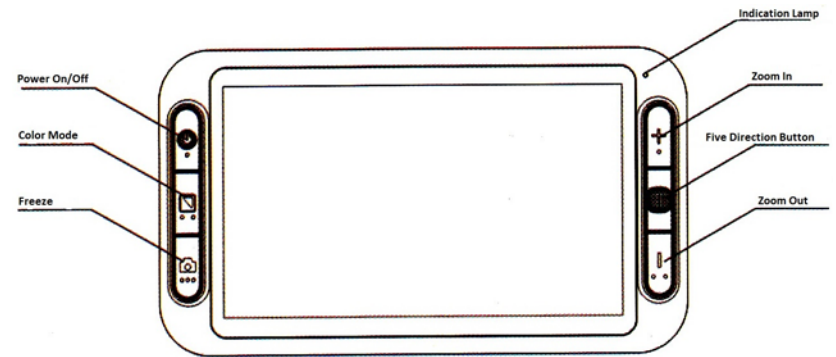
- Press the Freeze and Zoom In button, to switch among vibration, beep sound and silence in consequence.

4.1.8 Brightness Adjustment

- Hold the "Freeze" button and "Zoom out" buttons together to enter into brightness adjustment.
- A brightness bar shows, then press "Zoom in" to increase brightness and "Zoom out" to decrease it.

4.1.7 Brightness Adjustment

(1) Freeze function



- Use Freeze button to capture images and letters until beep sound. Take the unit closer to have a carefully look at the object, and you can also magnify or minify images by +/- button and switch contrast modes by color Mode button, and view the images by five direction button.
- Under the frozen mode, press the Freeze button again, the unit will indicate to save the picture or not. Turn the five direction button to right, choose no (✘) back to view mode; Choose (✔) to show a indication (📄). save picture. Saving up to 20 pictures.