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› VEVOR Portable Digital Magnifier YS012 User Manual

VEVOR YS012

VEVOR Portable Digital Magnifier YS012 User Manual

Model: YS012 | Brand: VEVOR

1. INTRODUCTION

Thank you for choosing the VEVOR Portable Digital Magnifier. This device is designed to assist individuals with low vision by providing clear, magnified views of text and objects. Featuring a 5.0-inch HD screen, 2X-48X magnification, dual lenses, and multiple display modes, it offers a versatile and comfortable reading experience. Please read this manual thoroughly before use to ensure proper operation and maintenance.



Figure 1.1: VEVOR Portable Digital Magnifier Overview

2. PRODUCT FEATURES

- **Full HD Magnification:** 5.0-inch 800 x 480 LCD screen with 2X to 48X high-definition magnification.
- **13MP Near & Far Dual Lens:** Dedicated lenses for reading (near) and viewing distant objects (far).
- **Personalized Viewing:** 26 color modes, 5-level LCD screen brightness, adjustable LED lighting, and large, easy-to-press buttons.
- **Enhanced Visibility:** AV and HDMI dual outputs for connecting to a TV.
- **Thoughtful Details:** Supports TF cards up to 32GB (not included), built-in 2500mAh rechargeable battery, compact and lightweight with a foldable stand.



Figure 2.1: Key Product Features

3. PACKAGE CONTENTS

Upon opening the package, please verify that all items listed below are present and in good condition:

- VEVOR Portable Digital Magnifier (Model YS012)
- USB Charging Cable
- HDMI Cable
- AV Cable
- Cleaning Cloth
- Storage Pouch
- Wrist Strap
- User Manual (this document)

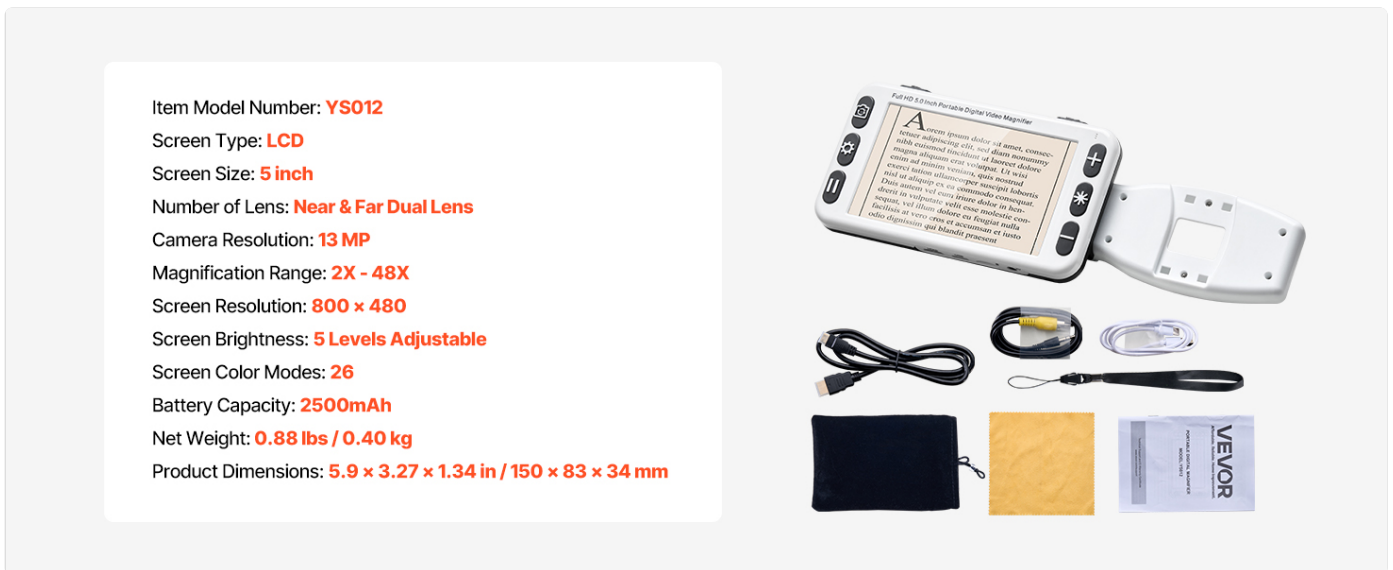


Figure 3.1: Included Accessories

4. PRODUCT DIAGRAM

Familiarize yourself with the components and controls of your digital magnifier:

5-inch LCD HD Screen

- ✓ 800*480 High Definition
- ✓ Anti-Glare
- ✓ High Brightness



Figure 4.1: Device Controls and Ports

1. Far or Near View Switch
2. Curtain & Setting Button
3. Freeze and De-freeze Button
4. Zoom In Button (+)
5. Color Mode Button (*)
6. Zoom Out Button (-)



Figure 4.2: Side Ports (HDMI, USB, TF Card, AV)

5. SETUP

5.1 Charging the Device

Before first use, fully charge the magnifier. Connect the USB charging cable to the device's USB port and the other end to a standard USB power adapter (not included) or a computer's USB port. The charging indicator will show the charging status.

5.2 Inserting a TF Card (Optional)

To save images, insert a TF card (up to 32GB, not included) into the designated TF card slot on the side of the device. Ensure the card is inserted correctly until it clicks into place.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **Power On:** Press and hold the Power button (usually located on the side or top) until the screen illuminates.
- **Power Off:** Press and hold the Power button again until the screen turns off.

6.2 Adjusting Magnification

Use the **Zoom In (+)** and **Zoom Out (-)** buttons to adjust the magnification level from 2X to 48X. Place the magnifier over the text or object you wish to view.

2X-48X High-Definition Magnification

Deliver a clear and detailed viewing experience



Figure 6.1: Magnification in Use

6.3 Changing Color Modes

Press the **Color Mode (*)** button to cycle through the 26 available color modes. These modes provide various contrast options to suit different visual needs and preferences.

26 Color Modes

Easily switch between multiple color modes



Figure 6.2: Available Color Modes

6.4 Adjusting Screen Brightness

The device features 5 levels of adjustable LCD screen brightness. Use the appropriate button (often combined with settings or a dedicated brightness button) to increase or decrease the screen's illumination for optimal viewing comfort.



Figure 6.3: Adjustable Brightness Levels

6.5 Switching Between Near and Far Lenses

Press the **Far or Near View Switch** button to toggle between the near lens (for reading close-up text like books and documents) and the far lens (for viewing distant objects like signs or whiteboards).

13 MP Near & Far Dual Lens



Near Focal Lens for Reading



Far Focal Lens for Viewing

Figure 6.4: Near and Far Dual Lens Usage

6.6 Using Curtain Modes

The device offers horizontal and vertical curtain modes to help focus on specific lines of text and reduce visual clutter. Press the **Curtain & Setting Button** to activate and cycle through these modes.

Vertical & Horizontal Electronic Curtains



Horizontal Curtain

Vertical Curtain

Figure 6.5: Horizontal and Vertical Electronic Curtains

6.7 Connecting to a TV (AV/HDMI Output)

For a larger viewing experience, connect the magnifier to a television using the provided AV or HDMI cable. Select the corresponding input on your TV.

AV & HDMI Dual Ports

Connect to your TV for a larger viewing experience

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Figure 6.6: AV & HDMI Dual Ports Connection

6.8 Saving Images (Freeze Function)

Press the **Freeze and De-freeze button** to capture and freeze the current image on the screen. If a TF card is inserted, the image will be saved to the card. Press the button again to unfreeze and resume live viewing.

7. MAINTENANCE

- **Cleaning:** Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the screen and lens. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the magnifier in its storage pouch in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in constant use.
- **Handling:** Handle the device with care to prevent drops or impacts, which could damage internal components or the screen.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------|--|--|
| Device does not power on. | Battery is low or depleted. | Charge the device for at least 2 hours. |
| Screen is blurry or unclear. | Lens is dirty; incorrect focus. | Clean the lens with a soft cloth. Adjust the distance from the object. |
| Cannot change magnification. | Buttons are stuck or device is frozen. | Restart the device. Ensure buttons are not obstructed. |
| No display on external TV. | Incorrect cable connection; wrong TV input. | Ensure cables are securely connected. Select the correct HDMI/AV input on your TV. |
| Images not saving to TF card. | TF card not inserted or full; card format issue. | Ensure TF card is properly inserted. Check available space. Format the card if necessary (this will erase all data). |

If you encounter issues not listed here or if the problem persists, please contact VEVOR customer support for assistance.

9. SPECIFICATIONS

| Feature | Detail |
|---------------------|----------------------|
| Item Model Number | YS012 |
| Screen Type | LCD |
| Screen Size | 5.0 inch |
| Screen Resolution | 800 x 480 |
| Number of Lenses | Near & Far Dual Lens |
| Camera Resolution | 13 MP |
| Magnification Range | 2X - 48X |

| Feature | Detail |
|--------------------|---|
| Screen Brightness | 5 Levels Adjustable |
| Screen Color Modes | 26 |
| Battery Capacity | 2500mAh |
| Net Weight | 0.88 lbs / 0.40 kg |
| Product Dimensions | 5.9 x 3.27 x 1.34 in / 150 x 83 x 34 mm |

10. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For warranty information and customer support, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, you may also refer to the official user manual PDF available online [VEVOR Portable Digital Magnifier User Manual PDF](#)