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› Eschenbach SmartLux Digital Portable Magnifier User Manual

Eschenbach SmartLux Digital

Eschenbach SmartLux Digital Portable Magnifier User Manual

Model: SmartLux Digital | Brand: Eschenbach

INTRODUCTION

The Eschenbach SmartLux Digital is a portable, handheld video magnifier designed to assist individuals with low vision. It features a high-definition display, multiple magnification levels, various viewing modes, and an image capture function to enhance readability and visual tasks. This manual provides detailed instructions for the proper setup, operation, and maintenance of your SmartLux Digital magnifier.



Figure 1: The Eschenbach SmartLux Digital Portable Magnifier.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Eschenbach SmartLux Digital Portable Magnifier
- Charging Cable (USB)
- Power Adapter
- Protective Case
- Liberty Cleaning Cloth
- User Manual (this document)



DEVICE OVERVIEW

The SmartLux Digital is designed for ease of use and portability. Key features include:

- **Display:** A 5-inch TFT LCD display with a hard-coated, anti-glare surface for optimal viewing.
- **Camera:** Centrally mounted camera for intuitive positioning over reading material.
- **Illumination:** Two bright SMD LEDs provide adjustable illumination with three settings.
- **Battery:** Internal rechargeable Lithium-ion battery offering approximately 2.5 hours of continuous use.
- **Leg Stand:** An integrated pull-out leg stand with two positions for various reading and writing tasks.



Figure 3: The SmartLux Digital held in hand, illustrating its compact and portable design.

SETUP

1. **Initial Charging:** Before first use, fully charge the device using the provided charging cable and power adapter. Connect the cable to the device and the adapter to a power outlet. The charging indicator will show the battery status.
2. **Power On/Off:** Press and hold the power button (located on the right side, marked with a lens icon) for a few seconds to turn the device on or off. Upon powering on, the display will briefly show battery life, current magnification, and brightness settings.

OPERATING INSTRUCTIONS

Magnification Levels

The SmartLux Digital offers four magnification levels: 5x, 7x, 9x, and 12x. To adjust the magnification, press the yellow button (marked with a magnifying glass icon) repeatedly to cycle through the available levels.

Viewing Modes

The device provides five different viewing modes to suit various visual preferences and lighting conditions. Press the red button (marked with an eye icon) to cycle through these modes:

- **Color:** Standard full-color view.
- **Digital:** High contrast black text on a white background.
- **Reverse Polarity:** High contrast white text on a black background.
- **Black on Yellow:** Black text on a yellow background.
- **Yellow on Black:** Yellow text on a black background.



Figure 4: Magnified text displayed in a standard viewing mode.



Figure 5: Magnified text displayed in reverse polarity mode (white text on black background).



Figure 6: Magnified text displayed in black on yellow mode.

Image Capture

The SmartLux Digital can capture and store up to 20 images. To capture an image, press the blue button (marked with a camera icon) at the top. Once captured, you can further manipulate the stored image by changing its magnification or viewing mode.

Usage Modes

The integrated leg stand allows for versatile use:

- **Reading on Flat Surfaces:** Fully extend the leg stand. Place the magnifier directly on the reading material (e.g., newspaper, book). Slide the device smoothly across the surface to read.
- **Writing/Crossword Puzzles:** Fold the leg stand halfway back. This creates an angle that allows space for a pen or pencil underneath the camera, enabling you to write notes, sign checks, or complete crossword puzzles while viewing the magnified area.
- **Handheld Video Magnifier:** Fold the leg stand completely back. Hold the device above objects that cannot be placed flat, such as prescription bottles, cans, or thermostats, to magnify their details.



Figure 7: Demonstrating the use of the SmartLux Digital for reading a newspaper.

Instructional Video

Your browser does not support the video tag.

Video 1: An official demonstration of the Eschenbach SmartLux Digital Portable Magnifier, showcasing its features and various usage modes.

MAINTENANCE

- **Cleaning:** Use the provided Liberty Cleaning Cloth or a soft, lint-free cloth to gently wipe the display and camera lens. Avoid using abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the device regularly. If storing for an extended period, ensure the battery is partially charged (around 50%).
- **Storage:** Store the magnifier in its protective case when not in use to prevent scratches and damage.

TROUBLESHOOTING

- **Device not turning on:** Ensure the battery is charged. Connect the device to the charger and attempt to power it on again.
- **Blurred image:** Ensure the camera lens is clean and free of smudges. Adjust the distance between the magnifier and the object being viewed.
- **Short battery life:** Ensure the device is fully charged. Reduce screen brightness or turn off LED illumination if not needed. The device has an auto shut-off feature that activates after 2-5 minutes of inactivity to conserve battery.
- **Buttons unresponsive:** Power off the device and restart it. If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Specification
Brand	Eschenbach
Model	SmartLux Digital

Display	5-inch TFT LCD, hard-coated, anti-glare
Magnification Strength	5x, 7x, 9x, 12x
Viewing Modes	5 (Color, Digital, Reverse Polarity, Black on Yellow, Yellow on Black)
Battery	1 Lithium Ion (rechargeable, approx. 2.5 hours use)
Item Weight	7.8 ounces
Lens Material	Acrylic
Color	Yellow, White (device body is black/white)
UPC	682858259290

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included with your product or visit the official Eschenbach website. You may also find additional resources and contact information on the [Eschenbach Store on Amazon](#).