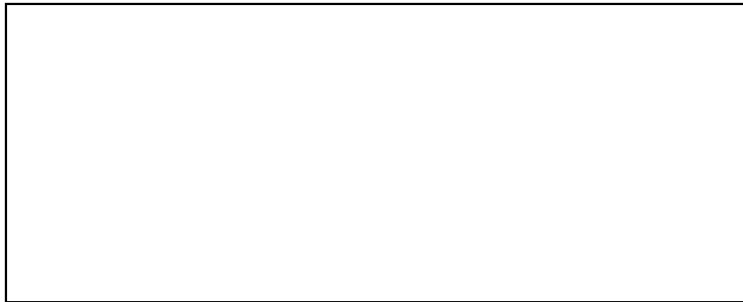


Thank You For Choosing Solo LV

Your Local Distributor is:



Eye-Pal SOLO LV User Manual



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ABISsee, Inc.
The World's Most *Advanced*
Reading Devices

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ABISEE WARRANTY

2 YEAR WARRANTY ON ALL ABISEE PRODUCTS:

ABISee warrants to the original purchaser that its products are free from defects in materials and workmanship for 2 years from date of purchase. This warranty does not cover accidental damage, misuse, improper care or alteration, or acts of God, such as floods and earthquakes. Also any products, whose mechanical serial number or electronic serial number has been removed, altered or defaced. Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions. Coverage terminates if the original purchaser sells or otherwise transfers the product.

To report a warranty defect, please contact your local distributor or ABISee. Please include your email and telephone number so that we may contact you. If, after inspection, we find that the product is defective in materials or workmanship, we shall at no charge to you repair or replace the product at our discretion, and return the product to you. You are responsible for shipping costs to ABISee but there is no charge for the inspection or the return postage.

This warranty excludes claims for incidental or consequential damages in connection with the warranty problem. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

To obtain warranty service, a warranty card must have been filled out and mailed back to ABISee. ABISee sells only through authorized distributors. Online auction confirmations are not accepted for warranty verification, and ABISee will not replace missing components from any package purchased through an online auction or any other authorized source. ABISee retains the exclusive right to either repair or replace the unit with a refurbished unit or new unit at its sole discretion. The same policy shall apply to software.

1. If SOLO LV freezes up, stops responding to your commands or is acting unusual, try holding the red square button on the front panel for several seconds. You should hear SOLO LV say "restarting". This process does not restart the device itself, just the software.
2. Try turning off the device, then power it back on by pressing the green square button on the front panel.

If problems keep occurring, please call your local distributor or ABISsee customer service professionals.

Important Notes

- The SOLO LV is programmed to recognize when it needs to restart and will do so on its own if it determines it necessary. If this occurs, simply give SOLO LV a moment before using it again.
- **DO NOT REMOVE** the ABISsee logo from the center of the top panel of the Base. This logo allows the camera to recognize when you place a new document onto the SOLO LV, without it the device will malfunction.

Congratulations and Thank You

for selecting the New SOLO LV, a unique, state of the art, reading assistant. The SOLO LV was designed in Acton, Massachusetts at ABISsee, a leading innovator of assistive reading technology. We hope you enjoy using the SOLO LV as much as we enjoyed designing it. We are confident that the SOLO LV will enhance your reading experience.

Items you should find in the box

- The **Base**, an 8.5"/11"/2" rectangular box.
- The **Camera** attached to the **Neck**. The Neck is a thin tube, 16" long. The Camera is square shaped and attached to the top of the Neck.
- The **Power Supply**
- **Power Cord**
- The **Keypad**
- **Quick Reference**
- **Warranty Card**
- **Manual**

Assembly

Step 1- Place the Base on a flat surface with the front panel, the one with buttons, facing you. Connect the two parts of the power supply together. Then, plug the correct end into the power outlet and the other end into the back of the Base on the left side.

Step 2- Firmly press the bottom of the Neck into the hole on the top surface of the Base so that the camera extends directly over the middle of the Base. It only fits one way. When properly inserted, the Neck will not be able to twist.

Step 3- At the bottom of the Neck, now attached to the base, there is a short USB cable. Plug this cable into the USB port located on the back of the Base.

Step 4- Plug the end of the Keypad cable into the USB port located on the right side of the base.

Step 5- Plug your optional monitor or TV into the appropriate port on the back panel.

Your SOLO LV is now ready for use.

***Note-** There is a headphone port on the right side panel of the SOLO LV for private listening. Headset is NOT included.

Describing Page Layout: When the Up Arrow and Down Arrow on the keypad are pressed together, SOLO LV will describe the layout of the page.

Changing Languages: When the Recall and Save buttons on the keypad are pressed at the same time, SOLO LV will switch languages and/or voices. You can read Spanish texts if the Spanish voice is selected.

Tips for Best Performance

- Allow your SOLO LV time to work. Do not try to overwhelm the device with too many commands at once or in a very short period of time. For optimal performance, give the SOLO LV time to process one command at a time.
- When SOLO LV is starting up please make sure that there is no document on the base and that the ABISee logo is not covered.
- When placing a document onto SOLO LV for reading, try to keep the text flat and make sure there are no obstructions blocking the camera's view of the text (including your hands).
- Make sure you move a document completely off the SOLO LV before placing another document onto it.

Trouble Shooting

The SOLO LV is trouble free most of the time due to its simple, yet effective design. However, in the off chance that something does go wrong, here are some tips:

Color Button* - located to the right of the Zoom button on the upper right of the keypad, the Color button is a flat yellow square. In Reading Mode the Color button will change the color of the text displayed on the screen. In Magnification Mode the Color button will change the sharpness, color and brightness of the image displayed on the screen.

***Note:** Both the Zoom and Color buttons run in a loop. If you continue to press them, you will return to the original settings.

Advanced Features

Full Screen Scrolling (without audio or highlighted line)– If you would like to read magnified text on the screen without audio, while in Reading Mode, simultaneously press the Recall button, and the Pause/Resume Button on the keypad and the Increase Reading Speed button on the front panel. To return to speech output, repeat. Scroll using up and down arrows.

Continuous Line Display: To read the text in a single running line, simultaneously press the Read button, the Pause/Resume button and the decrease reading speed button. To return to speech output, repeat. Control line speed with left and right arrows.

Reading Columns: When the Left Arrow and Right Arrow are pressed together, SOLO LV will read through columns.

What SOLO LV Can Do

The SOLO LV is a versatile reading machine that is designed to make reading and other everyday tasks simpler to perform. It is also easy to operate. Please read and keep this manual to use SOLO LV to its full potential, including:

- **Two modes of operation.**
 - Reading Mode.
 - Magnification Mode.
- **Three easy ways to control.**
 - Hand motion activated controls.
 - Front panel buttons.
 - Keypad.

In Reading Mode SOLO LV allows you to:

- Read magazines, newspapers, books, mail etc.
- Display magnified text on an optional screen.
- Save up to four pages of text.
- Switch from a male to a female voice.
- Read English and Spanish texts.
(More languages coming soon)

In Magnification Mode SOLO LV can help with daily tasks including:

- Writing a check.
- Filling out a form.
- Zooming in on hand-written material.
- Magnifying small objects such as a prescription pill bottle, or a battery for a hearing aid.

Quick Start for SOLO LV

Step 1- Turn on SOLO LV by pressing the green square button on the right side of the front panel of the Base.

Step 2- Make sure the volume knob, in the middle of the front panel, is turned on. You should hear a tune playing while the software loads.

Step 3- Once SOLO LV is done loading, you will hear it say "please place your document." You are now ready to read with SOLO LV.

Note: Keep platform clear of any documents until Solo LV has said "Please place your document."

How To Read with SOLO LV

(With or without the keypad)

To start reading, place a document of your choosing onto the SOLO LV Base and hold it still until you hear a "shutter" sound. Orientation of the page does not matter. SOLO LV will begin to read your text in a few seconds .

If you move your document away, SOLO LV will once again say "please place your document", at which point you may either place new text, or simply ask SOLO LV to resume reading the most recent document by pressing the white Pause/Resume button on the front panel or the Pause/Resume button on the Keypad.

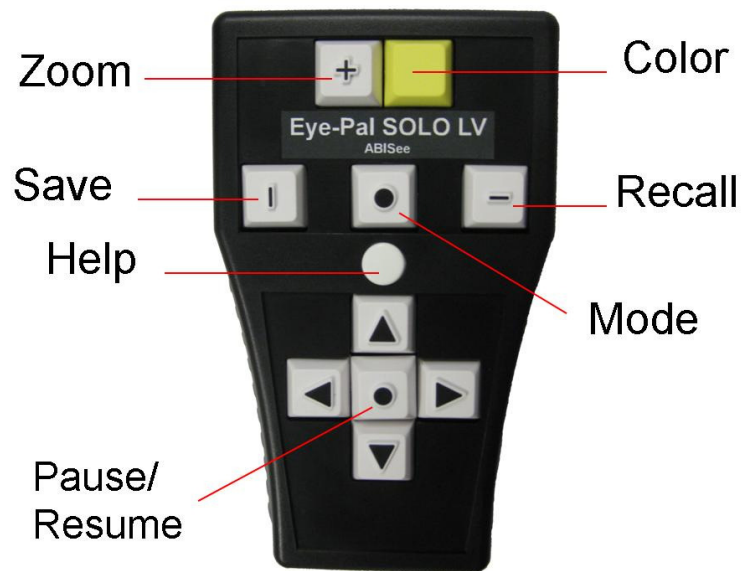
Up Arrow – located above the Pause/Resume button, it is marked with a raised Up Arrow. In reading mode the Up Arrow will read the previous sentence. In magnification mode the Up Arrow has no function.

Down Arrow – located below the Pause/Resume button, it is marked with a raised Down Arrow. In reading mode the Down Arrow will read the next sentence. In magnification mode the Down Arrow has no function.

Save Button - located to the left of the Mode Button, the Save button is marked with a raised vertical line on its surface. You can save one page of a document by holding the Save button and pressing one of the Arrow buttons simultaneously. As you do this, you will hear SOLO LV say, "image saved." You can save up to four pages; one page designated to each Arrow button.

Recall Button- located to the right of the Mode Button, the Recall button is marked with a raised horizontal line on its surface. Hold the Recall button and press one of the Arrow buttons to read a previously saved page. You will hear the device say, "reading image."

Zoom Button* – located in the upper left hand corner of the keypad to the left of the Color button, the Zoom button is square and is marked with a raised Plus sign. In Reading Mode the Zoom button will change the font size. Because SOLO LV "word wraps", the words will never run off the screen. In Magnification Mode the Zoom button will change the magnification of the image displayed on the screen.



Note: SOLO LV can only read text that is within the borders of the top panel of the base. Any text outside of the borders of the top panel will not be read. Be sure not to obstruct the camera's vision with your hands.

Magnification with SOLO LV

SOLO LV can be used to magnify small objects. Press the Mode button, to switch to Magnification Mode. This will allow you to magnify small objects on the screen as well as read magnified hand written documents and prescriptions. Use the Zoom button to change the magnification.

Operating Instructions

The operating instructions that follow provide a detailed description on how to use the SOLO LV with each of the three methods of operation:

1. Motion Activated Controls, no buttons!
2. The Front Panel Buttons.
3. The Keypad.

Motion Activated Controls Method

(Disabled in default settings)

To enable the motion activated controls, press and hold the white circular button on the front panel for 3 seconds. Please note that hand motions only work when a document is on the platform.

Pause/Resume Button – located in the center of the arrow keys, the Pause/Resume button is marked with a raised black circle. In Reading Mode this button will pause and resume reading. In Magnification Mode this button has no function.

Left Arrow – located to the left of the center button, it is marked with a raised Left Arrow. In reading mode the Left Arrow will read the previous word. In magnification mode the Left Arrow will decrease the brightness of the image.

Right Arrow – located to the right of the center button, it is marked with a raised Right Arrow. In reading mode the Right Arrow will read the next word. In magnification mode the Right Arrow will increase the brightness of the image.

Pause / Stop Reading - move your hand slowly above the printed material from left to right.

Resume Reading - move your hand slowly above the printed material from left to right

Read Previous Sentence - move your hand slowly from right to left above the printed material. Move your hand as many times as it takes to reach your desired previous sentence.

Front Panel Control Method



Power - the green square button on the right side of the device is used to turn the Solo LV on and off.

Pause/Resume Reading - the white circle button to the left of the volume knob located on the front panel allows you to pause and resume reading. If this circle button is held down for 3 seconds it will enable/disable the use of motion activated controls.

Read Previous Sentence - the red square button on the left side of the front panel is used to return to the previous sentence. This button may be pressed as many times as you need to return to a specific sentence.

Reading Speed - there are two white square buttons located to the right of the volume knob on the front panel. These square buttons are lined up vertically one on top of the other. The top button will increase the reading speed while the bottom button will decrease the reading speed.

Volume - adjust the volume by turning the volume knob located in the middle of the front panel.

Restarting - to restart the application for SOLO LV for any reason, press the red square button for 5 seconds. You will hear the device say "restarting."

Keypad Control Method

Note: Buttons on the keypad may function differently depending on which mode you are in.

Help Button - white circle, located in the middle of the keypad. It is below the Mode button and above the Up Arrow. To hear the function of each button on the keypad, please hold down the help button and any other button on the keypad simultaneously. You will then hear a description of that button and its function.

Mode Button - located above the Help Button in the middle of the keypad. It is marked with a raised black circle. The Mode button is used to switch between reading mode and magnification mode. When you press the Mode button, Solo will switch modes and tell you which mode you are switching to.