

# Compact Go User Manual v1.0



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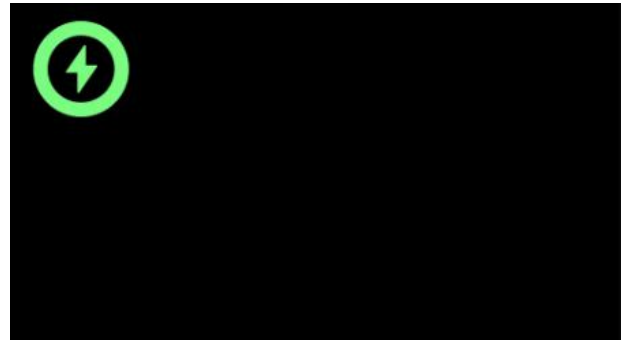
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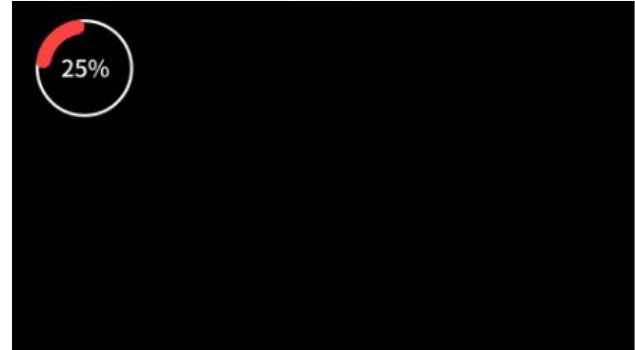
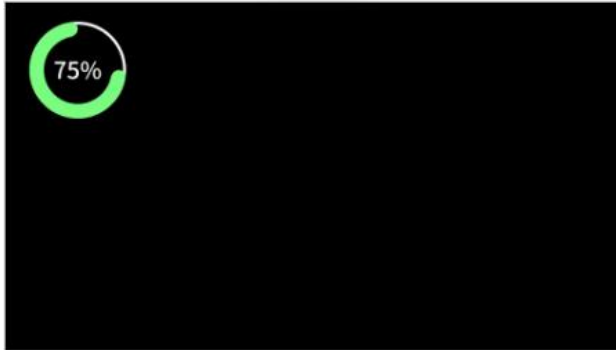
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## 3. GETTING STARTED

### 3.1 Charging the Battery



You can call out the battery life icon by long pressing the menu button for 2s. It will show in the upper-left corner of the screen and disappear after 5s automatically.



### 3.2 Power On/Off

Long press the orange power button for 2s or open the stand to turn on the Compact Go and press the power button for 2s to power down the unit. Switching it on or off is accompanied by a beeping buzzer.

### **3.3 Standby Mode**

Compact Go will automatically enter standby mode without any action after 3 minutes.

Long press the power button for 2s to wake up. You can enable/disable this function in menu page.

## 4. CAMERAS

### 4.1 Near View

To enable near view mode, open the stand and put the device on top of any printed material that you would like to read.



## 4.2 Distance View

To enable distance view mode, close the stand and aim the device to what you want to see in the distance. For a more comfortable option, rotate the bottom stand, which becomes a handle for you to hold.



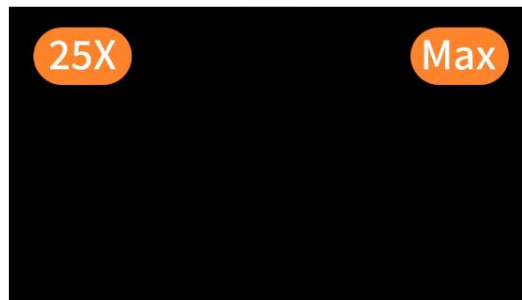
## 5. NORMAL FEATURES

### 5.1 Zoom In/Out

Compact Go's magnification range is 2x-25x. You can press the "+" button to zoom in and press the "-" button to zoom out. Compact Go also supports long pressing the "+" or "-" button for continuous zoom.

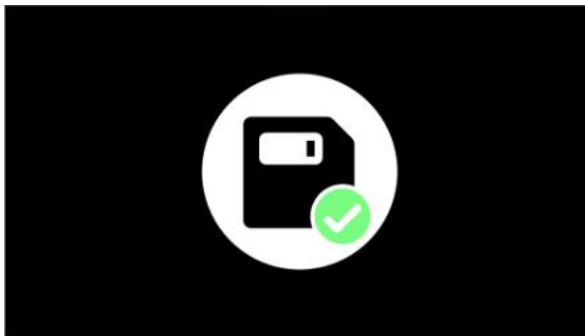
The magnification level displays in the upper-left corner of the screen. If you prefer not to display it, you can remove the magnification level notification in the Settings menu.

When Compact Go is at 2x or 25x, the “Min” or “Max” icon displays in the upper-right corner of the screen.



## 5.2 Take and Save Pictures

Short press the photo button to freeze the image. Press it again to return to live mode or long press the Photo button for 3s to save the picture in the photo gallery.



### 5.3 Color Mode Change

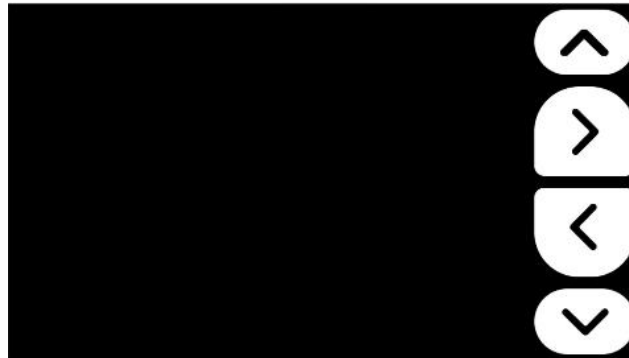
Compact Go will always show true color during first use. It has 22 different kinds of high contrast color modes. You can short press the color mode button to change the color. All the colors can be enabled or disabled in the menu.

## 5.4 Panning Mode

To enter panning mode after pressing the photo button, short press the menu button.

From there, you can move the picture in four directions using the reassigned buttons.

Short press the menu button again to exit the panning mode.



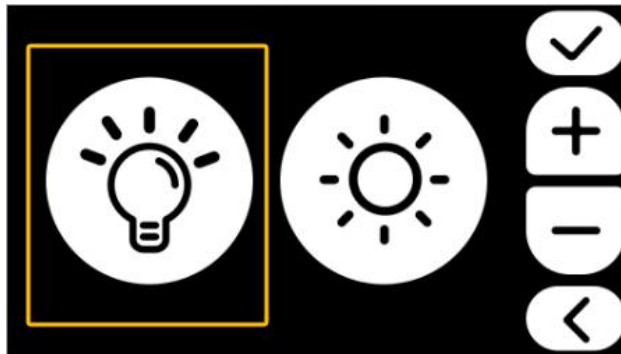
## **6. MENU**

Short press the Menu button to enter/exit the menu in live mode.

### **6.1 LED Lighting**

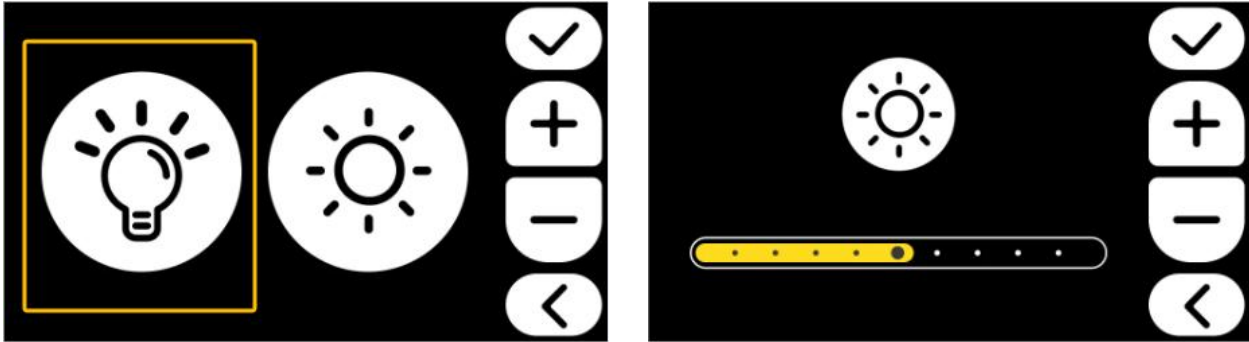
Short press the Color Mode button to turn on/off the LED light in the menu.

Long press the photo button to turn on/off the LED light in live mode.



## 6.2 Brightness

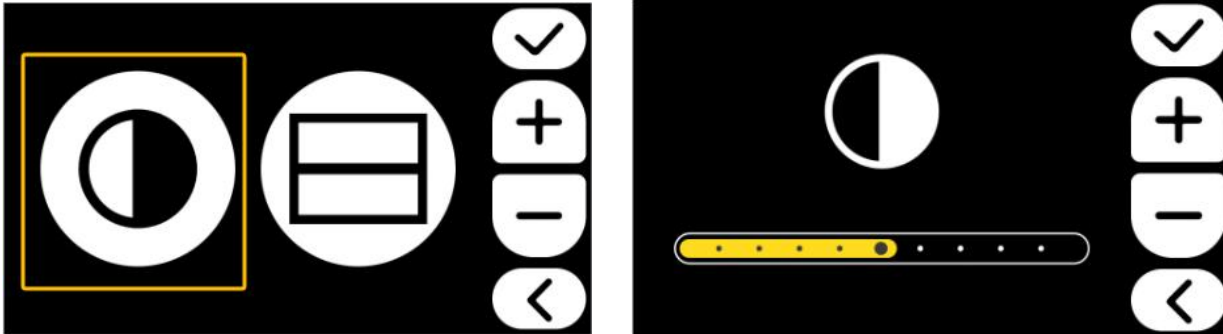
Short press the “+” or “-” button to increase or decrease the screen brightness value (1-10) and short press the color mode button to save the value.



### 6.3 Contrast

Short press the “+” or “-” button to increase or decrease the contrast value (1-10) and short press the Color Mode button to save the value.

Contrast adjustment only works when in a high-contrast color mode.



## 6.4 Reading Line

There are five different kinds of reading line modes: no reading line, horizontal line, vertical line, horizontal mask, and vertical mask.

Short press the “+” or “-” button to choose a mode. Short press the color mode button to

save the setting.

Short press the “+” and “-” button at the same time to change the reading line quickly in live view mode.

In live view mode, hold the Menu button and press the “+” or “-” button to change the position of the reading line or adjust the display area.

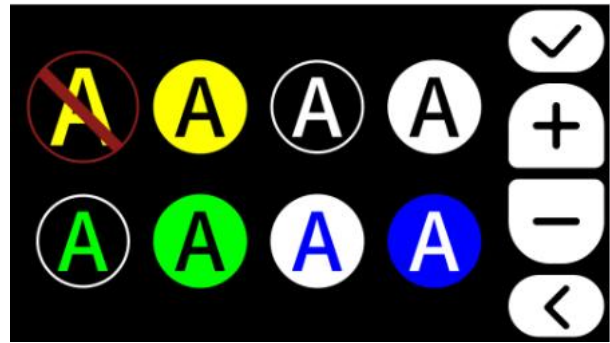


## 6.5 Color Mode

There are three pages of color icons with 22 color combinations in the menu.

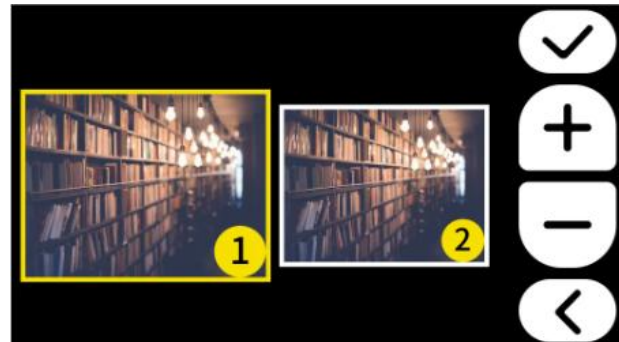
Short press the “+” or “-” button to choose a color icon and press the color mode button to enable or disable it.

All the enabled colors will be applied in live view mode.

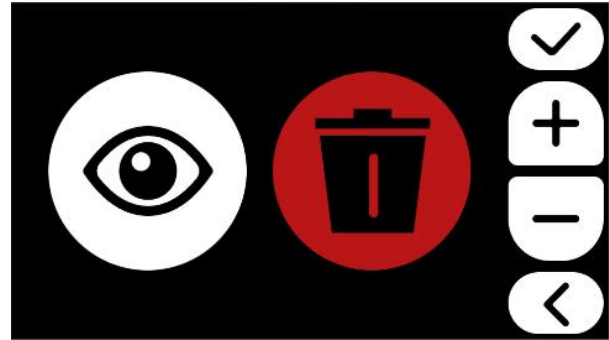
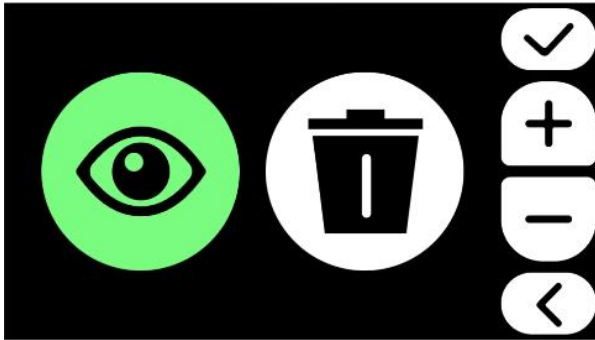


## 6.6 Gallery

Gallery displays all the saved pictures and shows 2 pictures on each page. They are arranged chronologically from newest to oldest. Short press the “+” or “-” button to find the previous photo or next photo.



If you choose a picture and short press the color mode button, two icons display:



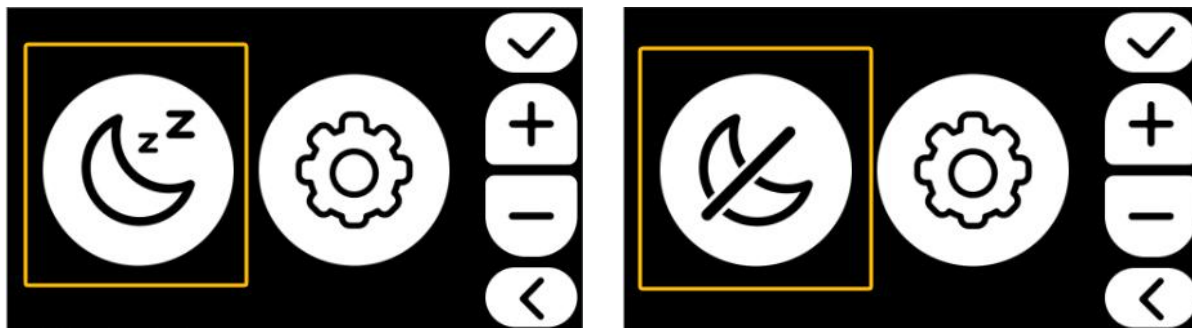
If there are no pictures in the photo gallery, these words display:



## **6.7 Standby**

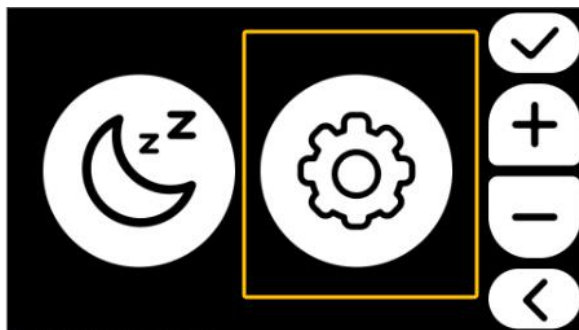
Standby means Compact Go will go into sleep mode and shut down the screen automatically after 3 minutes of no operation. You can press the power button for 2s to wake it up.

On the menu page, short press the color mode button to turn on/off the standby function.



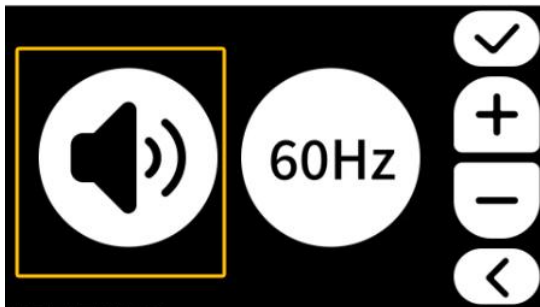
## 7. SETTINGS

Settings is the last option in the menu. Short press the color mode button to open it.



## 7.1 Volume

Four levels of volume are available for the beeps: 0, 1, 2, and 3. Short press the color mode button to set the volume you need.



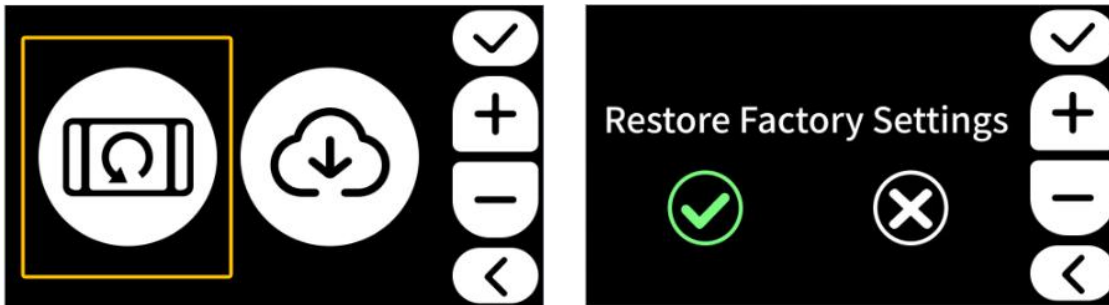
## 7.2 Frequency

Short press the color mode button to switch the frequency between 50Hz and 60Hz.



## 7.3 Restore

Short press the color mode button to restore factory settings on the Compact Go. You must confirm the restore, which resets all the settings.



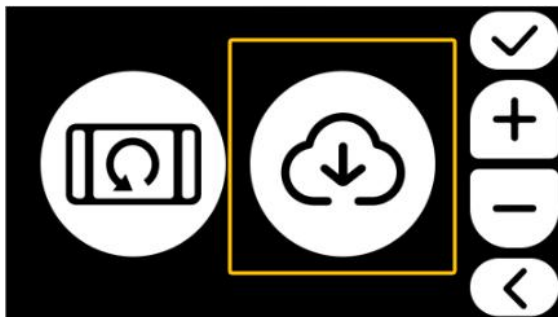
## 7.4 Software Update

A software update is only intended for the distributor or dealer. The text at the bottom of the screen shows the current software version number.

To update the software, the Compact Go battery level must be  $\geq 25\%$ .

Connect Compact Go to your PC. Download and copy the software package from the PC to Compact Go's folder.

Compact Go --Menu--Setting--Software Update--short press the color mode button to start the update--short press the color mode button to confirm.



## 7.5 Magnification Display

Short press the color mode button to display/not display the magnification level when zooming in/out.



## 8. SPECIFICATIONS

- Magnification: 2X - 25X
- Screen: 5.5-inch LCD

- LED light: Two bulbs
- Color modes: True color and 22 high color contrast modes
- Camera: Two, AF, 1280\*720, 60 FPS
- Weight: About 265 g (0.584 lbs.)
- Dimensions: 161 mm x 87 mm x 23 mm (L x W x H)
- Battery life: About 4 hours continuous use
- Charging time: 3 hours (wired charge); 6 hours (wireless charge)
- Power adapter: input 100-240 V; output 5V/2A

## 9. REGULATORY

### 9.1 Guideline

- Class I Medical Device
- Input rating for Compact Go: 5 / 2.5A
- Protection against electric shock: Class II
- No patient-applied parts
- Protection against harmful ingress of water or particulate matter: IP21
- Not suitable for an oxygen-rich environment

- Mode of operation: continuous use

## **9.2 Clinical Benefit**

Magnifiers empower the user, helping to instill independence, increase productivity, and improve self-esteem. In short, those who struggle with daily tasks due to low vision find their quality of life enhanced by utilizing magnifiers.

## **9.3 Intended Purpose**

This device is intended to be used as a vision enhancement product by people who require vision assistance when reading printed materials or viewing objects encountered

during everyday use. The device is not intended to be relied upon exclusively for the interpretation of sensitive or professional material, such as medical or legal documents.

#### **9.4 Intended Use Environment**

This device is intended for use in a home or office environment for the purpose of providing enlarged and enhanced images to the user. This device is not suitable for use in an oxygen-rich environment.

## **9.5 Intended User**

This device is intended for anyone with a vision impairment or anyone wanting to view enlarged text or images.

## **9.6 Intended Accessories**

The USB-C port is intended to be used with personal computers for data communications and charging. The device includes a wireless charging cradle for charging when not in use.

The use of accessories other than those listed here is not allowed.

## **9.7 Performance Characteristics**

Magnification and enhancement of images.

## **9.8 Reasonably Foreseeable Misuse**

Foreseeable misuse includes:

- Improperly servicing device.
- Using the device to read medical or legal documents.
- Staring at the operating illumination LEDs.
- Touching the illumination LEDs or cameras during operation.

- Operating the device in an unsuitable environment.
- Placing objects too close to the camera.
- Prolonged use of the electronic screen and overexposure to blue light.
- Dropping the device, operating it forcefully, or using the wrong accessories.

## **9.9 Layperson Information**

For use by laypersons. Optelec is not responsible for any uses of this device other than those described in this manual.

## **9.10 Expected Service Life**

The device does not create any unacceptable hazardous conditions (as defined by IEC 60601-1 Medical electrical equipment—General Requirements for Basic Safety and Essential Performance) and will be safe to use for 10 years or longer. Expected service life does not represent the actual operating life or warranty period of the device but rather is a statement about the expected period of safe operation of the device.

## **9.11 Reasonably Foreseeable Misuse**

Dropping the device from desk height. Operating the device forcefully. Using wrong accessories. Using the device to read medical or legal documents.

## **9.12 Layperson Information**

For use by laypersons. Optelec is not responsible for any uses of this device other than those described in this manual.

### **9.13 Reuse**

This device is suitable for reuse. However, the reprocessing process is for authorized partners only. Contact the manufacturer for more information and the appropriate process for reuse.

## 9.14 Environmental Conditions

<b>Operating Conditions</b>	<b>Storage and Transportation Conditions</b>
Temperature: +0°C to 35°C / 32°F to 95°F Relative humidity: less than 70%, no condensation Altitudes: up to 3,000 m (9,842 ft) Pressure: 700 – 1060 hPa	Temperature: -10°C to 50°C / 14°F to 122°F Relative humidity: 40% to 70%, no condensation Altitudes: up to 12,192 m (40,000 ft) Pressure: 186 – 1060 hPa

## 9.15 Regulatory Testing

Description	Standard
FCC/ICC/CE EMC	ICES-003 Issue 7:2020 CISPR32  47 CFR Part 15 FCC Class B  EN 55032:2015+A11:2020+A1:2020; IEC  60601-1-2:2014/AMD1:2020; EN 60601-12:2015
Safety	UL/EN/CSA 62638-1:2014; IEC 623681:2018; IEC  60601-1:2005/AMD1:2012

<b>Description</b>	<b>Standard</b>
Battery	IEC62133-2:2017 CB report  UN38.3

### **9.16 FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed

and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and receiver; connect the equipment into an outlet on a circuit different from that to which the receiver is connected; consult the dealer or an experienced radio or television technician for help. Changes or modifications not expressly approved by the

party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Caution: Exposure to radio frequency radiation. This device must not be located or operating in conjunction with any other antenna or transmitter.

## **Industry Canada (IC) Notice**

This Class B digital apparatus complies with Canadian ICES-003. This device complies with RSS 210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

**Caution:** Exposure to radio frequency radiation. The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population.

## **Canada – Avis d'Industrie Canada (IC)**

Cet appareil numérique de la classe B est conforme à la norme NMB003 du Canada. Cet appareil est conforme à RSS 210 d'Industrie Canada. Le fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer d'interférences, et (2) cet appareil doit accepter toute interférence, y compris les interférences pouvant entraîner un fonctionnement indésirable de cet appareil. Attention: Exposition à des radiations de fréquences radio. Cet appareil émettant des ondes radio, l'installateur doit s'assurer que l'antenne est positionnée ou orientée de telle sorte que l'appareil émette des champs RF ne dépassant pas les limites recommandées par Santé Canada pour le grand public;

consultez Code de sécurité 6, disponible à Santé Canada ou sur leur site web

[www.hc-sc.gc.ca](http://www.hc-sc.gc.ca).

## **9.12 Contact Information**

**Optelec**

**17757 US Highway 19 N,**

**Suite 200,**

**Clearwater,**

**FL 33764**

**Phone: (800) 444-4443**

**Email: [info@optelec.com](mailto:info@optelec.com)**

## **9.17 Contacting Product Support**

For product support, contact your local dealer or point of sale. For incidents involving the device and someone's health, contact [MDSupport@vispero.com](mailto:MDSupport@vispero.com).

## 1. INTRODUCTION

Congratulations on choosing Compact Go!

With its 5.5" screen, customizable features and intuitive operation, the Compact Go offers all the benefits of a video magnifier in a small, foldable, and portable design. Read the instructions carefully before setting up your device. Keep this document for future reference.

If you have questions or suggestions concerning the use of this product, please contact your distributor, importer, manufacturer, or Compact Go's headquarters using the contact

information on the last page of this manual. Your feedback is greatly appreciated. We hope you enjoy working with your Compact Go!

## 1.1 What's In the Box?

The Compact Go packaging contains the following:

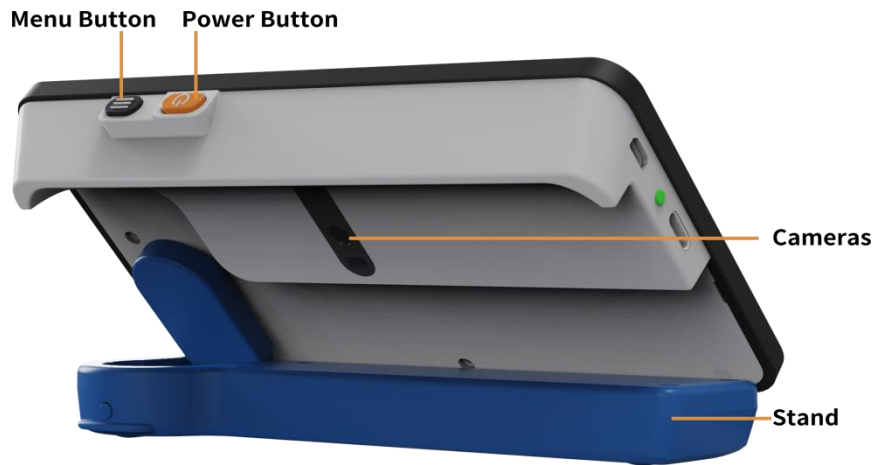
- Compact Go-----1
- Protective pouch-----1
- USB power supply with USB-C cable-----1
- HDMI cable-----1

- Power plugs (EU, US, UK, and AU)-----4
- Screen cleaning cloth----- -1
- User manual-----1
- Set up card-----1
- Wireless charging cradle-----1

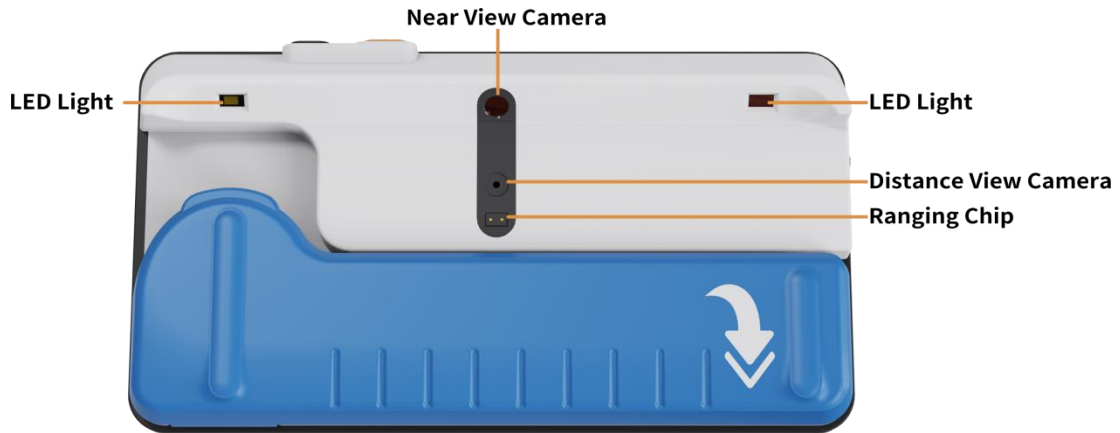
If any of these items are missing from your package, please contact your distributor.

## 1.2 Details of Compact Go & Wireless Charging Cradle











**Charging Port**

## **2. WARNINGS AND PRECAUTIONS**

### **2.1 General**

- No modification of this equipment is allowed.
- Use only the charger and cables provided by the manufacturer.
- Do not use the device if the LCD display is damaged or broken.
- Do not force the power connector into the power port of the device.
- Do not spray any cleaning solutions directly on the LCD screen.

- Do not use solvents, abrasives, aerosols, or any cleaner that contains acetone, ethyl alcohol, ethyl acid, ammonia, or methyl chloride.
- Do not expose the device to excessive heat, direct sunlight, or extreme or rapid changes in temperature or humidity.
- To avoid the risk of electrical damage, keep your device away from fluids and chemicals.
- Handle the device with care as rough handling will damage the internal components.
- Do not use the device near inadequately shielded medical devices.

- Do not touch the illumination LEDs or cameras during operation because you may experience temporary discomfort.
- Do not stare into LED lamps in operation as temporary discomfort and eye injury can result.
- Be careful that your fingers and clothing do not get stuck in moving parts (for example, the stand).
- Common side effects of using an electronic display device for prolonged periods are eye fatigue and headaches.

- Do not place the device on an unstable surface. It may fall, causing serious damage to the unit, or injury to the user.
- To prevent condensation, do not use the device for one hour after transporting it from extreme cold to room temperature.
- While charging the device, even while powered off, the ambient temperature must be between 0°C and 35°C or 32°F and 95°F.

## 2.2 P65 Warning



**This product can expose you to chemicals, including acrylonitrile, butadiene, and styrene, that are known to the State of California to cause cancer and birth defects or reproductive harm. For more**

**information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

## 2.3 Precautions for Battery

- Do not charge if your device appears damaged, deformed, or defective.
- Contact your Optelec distributor or the nearest Optelec office for further instructions before use.
- BATTERY MUST BE REPLACED BY CERTIFIED SERVICE PERSONNEL.
- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
- DISPOSE OF USED BATTERIES ACCORDING TO LOCAL REGULATIONS.