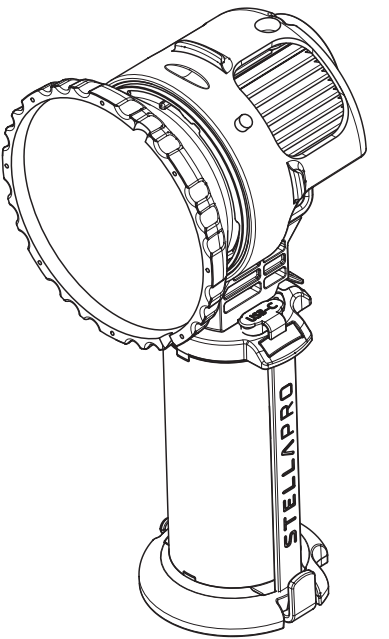
# STELLAPRO® reflex

## User Manual




stellaprolights.com

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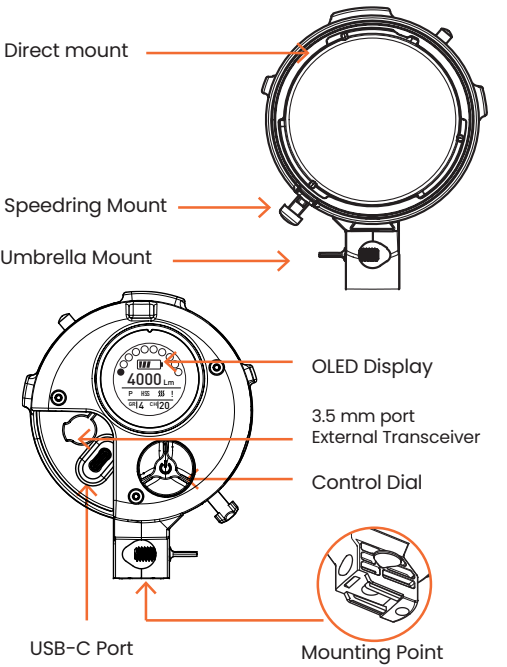
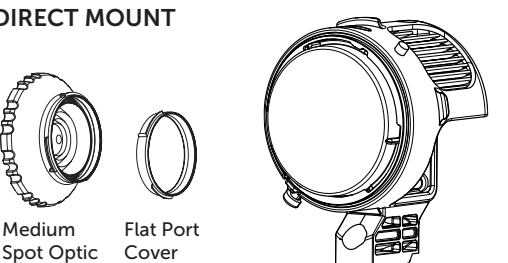
Section 1

## REFLEX LIGHT

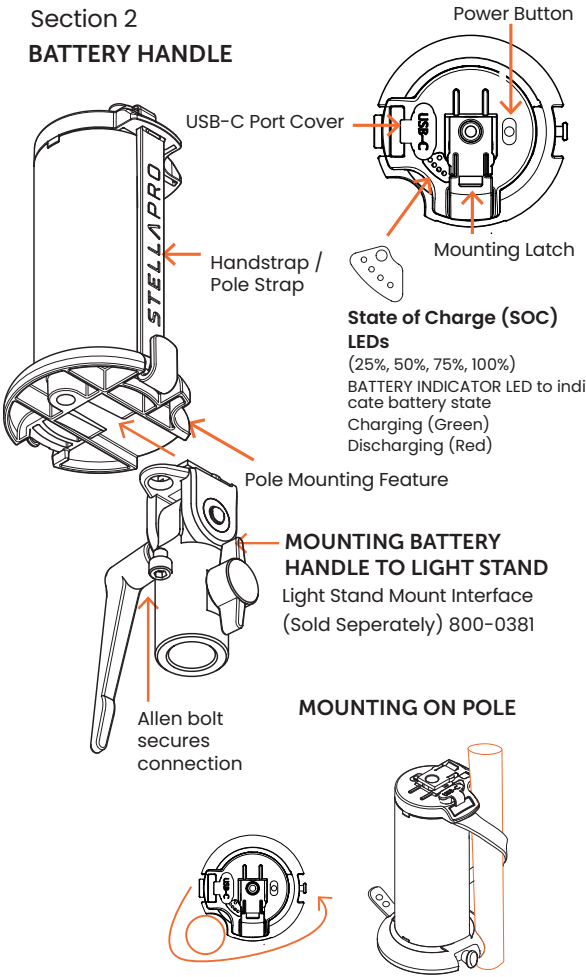



## DIRECT MOUNT



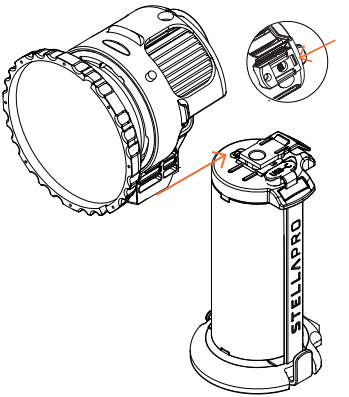
Section 2

## BATTERY HANDLE



Section 3

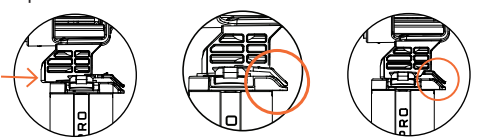
## CONNECTING LIGHT TO BATTERY




Push light onto battery until it snaps into place

**Tip:** Push at the top front of the optic

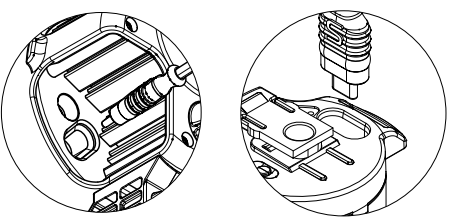
Connector tab should no longer be compressed




Unlatched

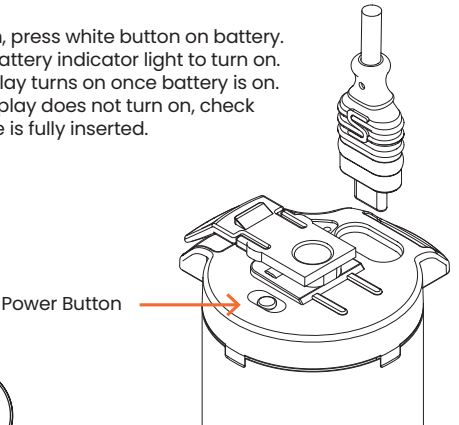
Secured

Connect USB-C cord to Reflex light and battery USB-C ports



Section 4
## OPERATION BASICS

To turn on, press white button on battery. Look for battery indicator light to turn on. OLED display turns on once battery is on. If light display does not turn on, check that cable is fully inserted.

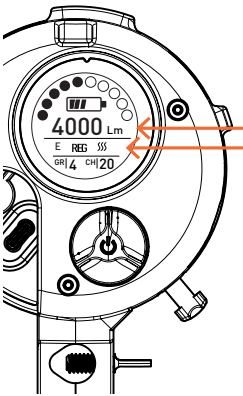


### CONTROL DIAL FUNCTIONS

- **Short press (1 sec)** switches between Continuous and Digital Burst*
- **Medium press (approx. 2 sec)** enters and exits the the set-up menu
- **Long press (4 sec)** to power off
- **Rotate Clockwise** to increase output
- **Rotate Counter-clockwise** to decrease output

*Transmitter is required for burst operation

## Section 5
## OLED DISPLAY




**Lm** Lumen (100-6000)

**Burst** Digital Burst (1.0-4.4 Stops)*

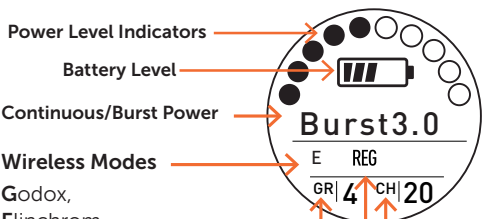
**/L** LED Overheating
(Turn off to cool down)

**/B** Battery Overheating
(Turn off to cool down)

**/!** Sensor Fault
(Return for service)

## Section 6
## MENU OVERVIEW

To navigate the menu, short press control dial to change the sub-menu. Rotate dial to change the setting.




## Digital Burst Mode

**REG REGULAR**
Control the lumen output with a set burst duration of 5 milliseconds

**DURATION ****
Control the burst duration with a set lumen output of 12000 lumens

| | |
|---|---|
| Always 5ms Burst | Adjust Duration (0.4ms - 6ms) |
| Adjust Power | Always 12000 Lumens*** |

* With 100W Power Supply lumens to 9000 and Digital Burst to 5-stops
**Duration Mode only available on the **Reflex S**
***18000 Lumens off 100W USB-C Power Supply

Section 7

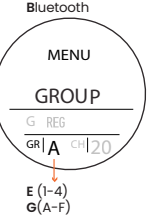
## CHANGING LIGHT SETTINGS

Enter the menu by pressing the control dial for 2 sec.

**Menu selection:** Short press to advance through sub-menus

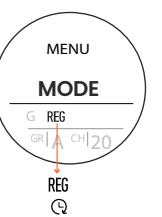
**Wireless** - Rotate dial to select transmitter type (Elinchrom, Godox, Bluetooth)
Set wireless mode to Bluetooth to perform firmware updates.

**Group** - Rotate dial to select group




**Channel** - Rotate dial to select channel

**Mode -** Rotate dial to select Burst Mode: Reg or Duration
(Note: duration mode only available on Reflex S model)



Section 8
## HOW TO USE REFLEX

Reflex has three distinct ways to be used. Reflex responds to trigger signals whether in continuous or burst mode. If you turn the transmitter off it is a continuous light only.

1. Continuous power **lm** (lumens)
   - Rotate dial to desired power output in lumens.
   - Your trigger may also allow remote adjustment of continuous power.
   - Maximum power from the battery handle is 6000 lumens.
   - Maximum power when the light is powered from a remote USB-C 100 watt source is 9000 lumens
2. **Burst**
   - When set to **REG**, rotate the dial to set burst power. Maximum burst power is 1 stop more light than maximum continuous mode.
   - In Duration mode , rotate the dial to set duration from 0.4ms to 6ms (1/160th sec).
3. A continuous light that bursts when trigger signal is detected.
   - Make sure trigger is synced, as shown in Burst mode above.
   - Press dial to select continuous mode. Adjust output with compatible trigger control or manually using dial.
   - Press dial to change to Burst mode. Rotate dial to select burst power (or duration).
   - Press dial to return to continuous mode and work with your subject. When you take a still, the light will automatically change to burst mode and deliver flashes in sync with your camera at the pre-set power or duration level.

## Battery Runtime

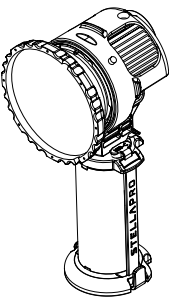
### Continuous
**Full Power:** 30 minutes
**Low Power:** 600 minutes

### Digital Burst

**15,000 full power Digital Bursts**

**Charge Time:** 2 hours*

* With a minimum 45W USB-C Charger (Chargers with lower wattage will work with variable charge times)




### Reflex Battery Handle 60W
**Continuous:** 100-6000 lumens
**Digital Burst:** 1125-12000 lumens

### 100W External USB-C Power
**Continuous:** 100-9000 lumens
**Digital Burst:** 1125-18000 lumens

## Fully charge battery before first use

Charge your battery for 6 hours before first use. Periodically, check the charge of the battery during storage. Fully charge your battery before use. The battery has internal protections that ensure the battery is safely maintained regardless of charge state.

## Temperature Warning:

While in full power continuous mode use the battery may get noticably warm. This is normal. Should the temperature increase beyond safe levels the overheat symbol will appear and operation will pause until battery cools down.

**Direct Mount Accessories**

| | |
|---|---|
| Spot Optic 12° | 805-0372 |
| Medium Optic 24° | 805-0373 |
| Medium Wide Optic 36° | 805-0406 |
| Flat Port Cover | 800-0340 |
| Dome Port | 800-0335 |
| Focus Optic | 800-0337 |
| Color Effect Lens (5 Pack) | 800 |

**Speedrings**

| | |
|---|---|
| Chimera | 800-0382 |
| Profoto | 800-0400 |
| Bowens | 800-0371 |

**Mounts**

| | |
|---|---|
| Pro Light Stand Mount | 800-0381 |
| Bar Mount | 800-0401 |

**Other Accessories**

| | |
|---|---|
| Barn Door/Gel holder | 800-0383 |
| Remote Control | 800-0325 |
| 1/4-20 Mount Base Reciever | 800-0402 |
| Cold Shoe Mount Kit | 800-0403 |

**Power Supplies**

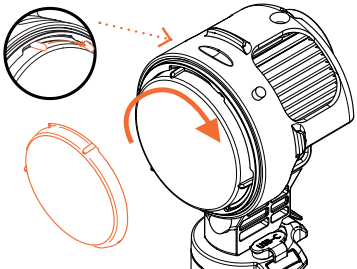
| | |
|---|---|
| 100W USB-C AC Power Supply | 552-9614 |

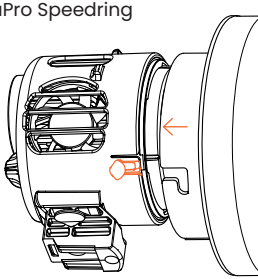
**Direct Mount**

Direct Mount modifiers require a press-in and clockwise turn to lock. Always operate the Reflex with a Direct Mount modifier installed

**Speedring Mount**

Mount softboxes for Chimera, Profoto, Bowens using a StellaPro Speedring





**Wireless Connectivity**

Menu options allow you to choose between Godox and Elinchrom wireless protocols. Transmitters supported with limited capabilities.

| | Elinchrom | Godox |
|---|---|---|
| Burst Power Control | Yes | Yes |
| Continuous Power Control | Yes | No |
| Continuous (on/off) | Yes | Yes |
| Camera Trigger | Yes | Yes |

Plug in any 3.5mm receiver to work with other triggers

## OPERATIONS SPECIFICATIONS

### Reflex auto fan operation

Integrated variable speed fan automatically turns on when light output exceeds 4000 lumens.
Low Speed (4100-6000), High Speed (6100-9000).

### Operating from external power

Reflex can operate from any USB-C power source that is rated at 100W. Reflex max continuous output is 9000 lumens when used with 100W power source.

Contact seva@lightandmotion.com for support.

## Download StellaPro Imaging Control (iOS)

**Registering for a StellaPro Account**

Register for a StellaPro account to get access to the latest firmware updates along with tips and tricks from our Ambassadors and community members.

**Firmware update**

Please make sure to update your Reflex to the latest firmware to ensure the Reflex is operating to it's full capabilities. Update performed from the StellaPro Imaging Control app (iOS)

**Warranty**

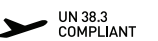
Light & Motion products are covered against defects in workmanship and materials under normal use and service for 2 years from the date of purchase. Please register your device (Reflex only) to activate warranty coverage. Batteries, by nature of their use, are covered for 180 days.

Warranty is non-transferable and does not cover failures from misuse. We will repair or replace, at our discretion, any product that is found to be defective under our warranty policy. Verification of purchase date must be provided with any claim.

**Storage & Travel**

Never store the batteries fully discharged as this may cause permanent damage. Unplug from battery when traveling.

**Regulatory Information**

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