

Wuxli[®]

ORC-CELLO-10

CELLO

10" MULTICOLOR LED PANEL

USER MANUAL

Conduct an orchestra of lights.

The Luxli Orchestra series can produce a dazzling symphony of light. Synchronize LED light units of all sizes, choose from millions of possible colors, apply lighting effects from three selectable modes, and control them instantly with the powerful Conductor mobile app.

The Cello 10-inch multicolor LED light features a highly accurate and remarkably versatile RGBW LED panel. The light is equipped with Bluetooth 4.2 LE that pairs with your tablet or smartphone the moment you open Luxli's Conductor mobile app. Whether controlled via the app or the intuitive interface on the unit itself, the Cello will illuminate your creative vision with endless possibility.

For the latest version of the Conductor mobile app, firmware updates, as well as videos and ideas for creative uses for the Cello, visit luxlilight.com.

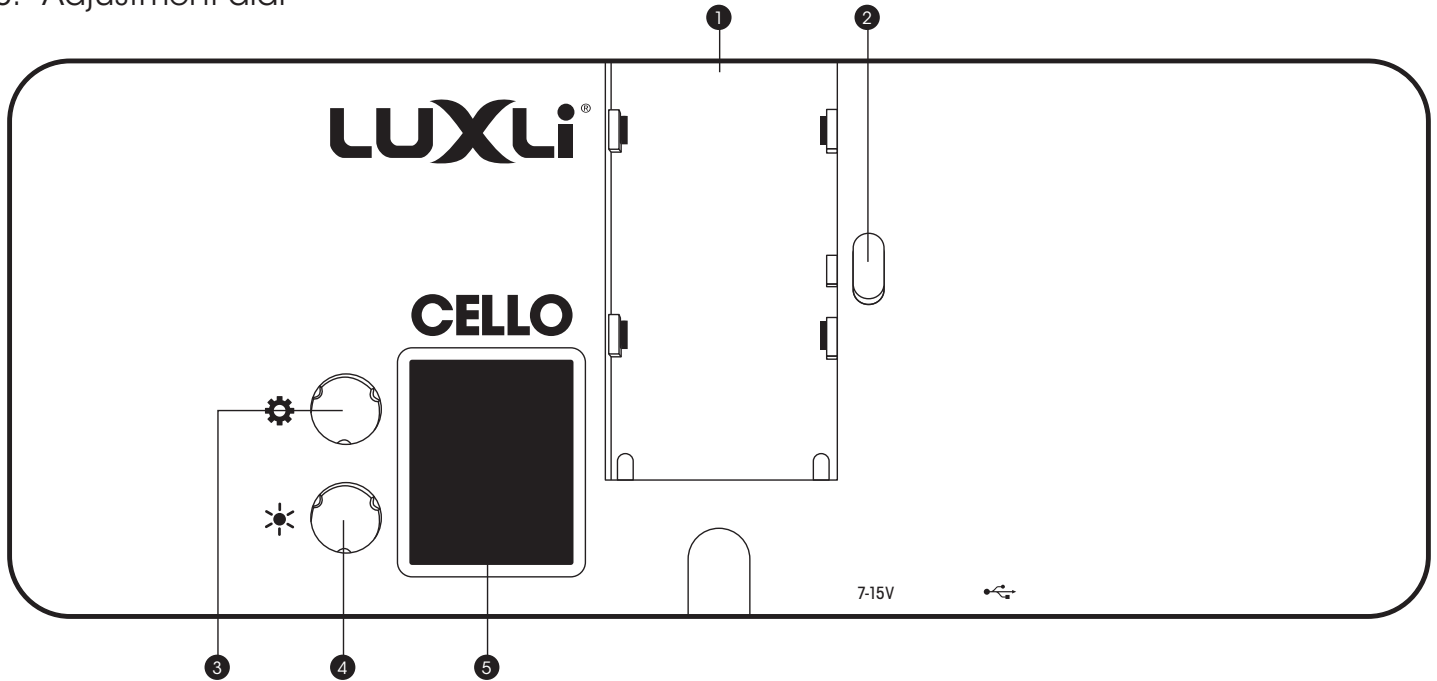
Precautions

- Please read and follow these instructions, and keep this manual in a safe place.
- Keep this product away from water and flammable gases or liquids.
- Use only the correct, recommended voltage.
- Use only batteries supplied with the Cello 10 or batteries recommended by Luxli. Other batteries may behave differently and affect the performance of the unit.
- Do not attempt to disassemble or repair this product.
- Clean this product with only a soft, dry cloth.
- To avoid damage to this product, be careful not to overtighten or improperly thread any of the threaded fittings.
- All images are for illustrative purposes only.

Overview

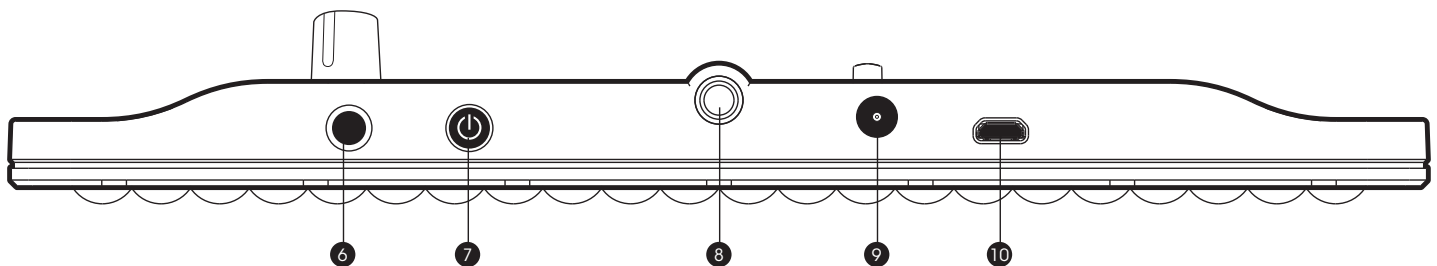
Back:

1. Battery slot (use Sony L-Series-compatible battery)
2. Battery release button
3. Adjustment dial
4. Brightness dial
5. LCD screen



Bottom:

6. Mode selector button
7. Power button
8. 1/4-20 mount
9. DC power input (power adapter not included)
10. Micro USB port for firmware updates (Visit luxlilight.com for details.)



Also Included

- Shoe-mount ball head
- NP-F750 battery
- Battery charger
- Quickstart guide

User Interface

CCT Mode

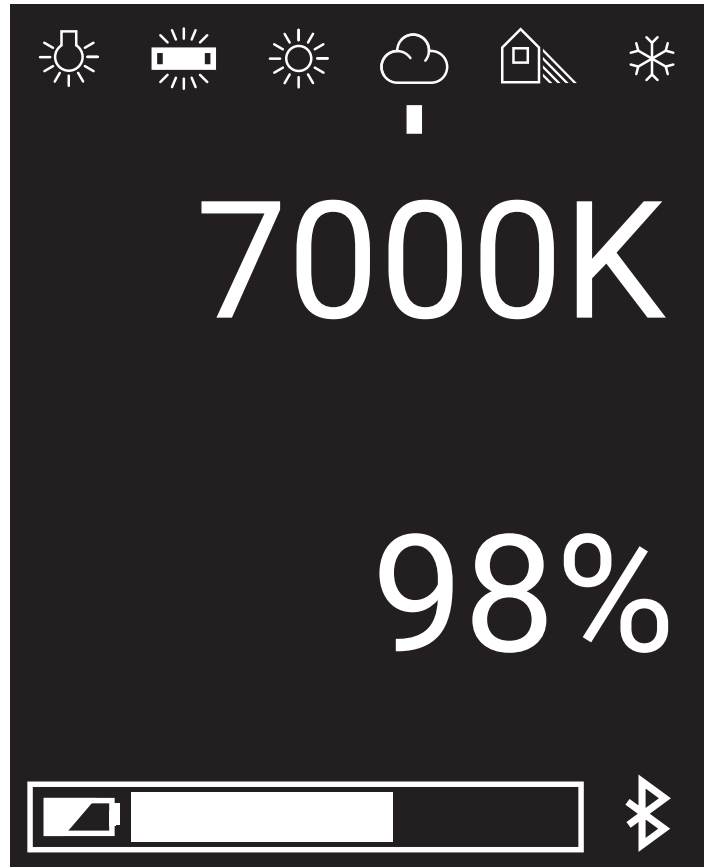
Correlated color temperature (CCT) mode allows you to accurately adjust the color temperature from 3000 to 10,000K. CCT mode is effective for color-matching the Cello to almost any light source.

⚙️ **Adjustment dial**

- Scroll: Adjusts the color temperature in 50K increments.
- Press: Switches between tungsten balance (3200K) and daylight balance (5600K).

✳️ **Brightness dial**







- Scroll: Adjusts the brightness from 100% to 0%.
- Press: Turns off the LED panel without powering down.



Icons

The icons along the top of the LCD screen indicate industry-standard color temperature settings.

As you adjust the color temperature, a bar will scroll below to indicate where the selected color temperature falls in relation to the icons. Each icon will highlight when the bar reaches the exact color temperature for that setting.

-  Tungsten bulb (3200K)
-  Fluorescent bulb (4300K)
-  Daylight (5600K)
-  Overcast sky (6400K)
-  Daytime shade (7200K)
-  Clear blue sky (10,000K)

Filter Mode

Filter mode allows you to apply colored gels to your current CCT setting.

This mode allows you to match the color temperature of your other lights and then add a gel for a touch of color to a background or an accent light. The Cello uses the setting from CCT mode to calculate the precise color temperature of the gel as it would appear on the actual light.

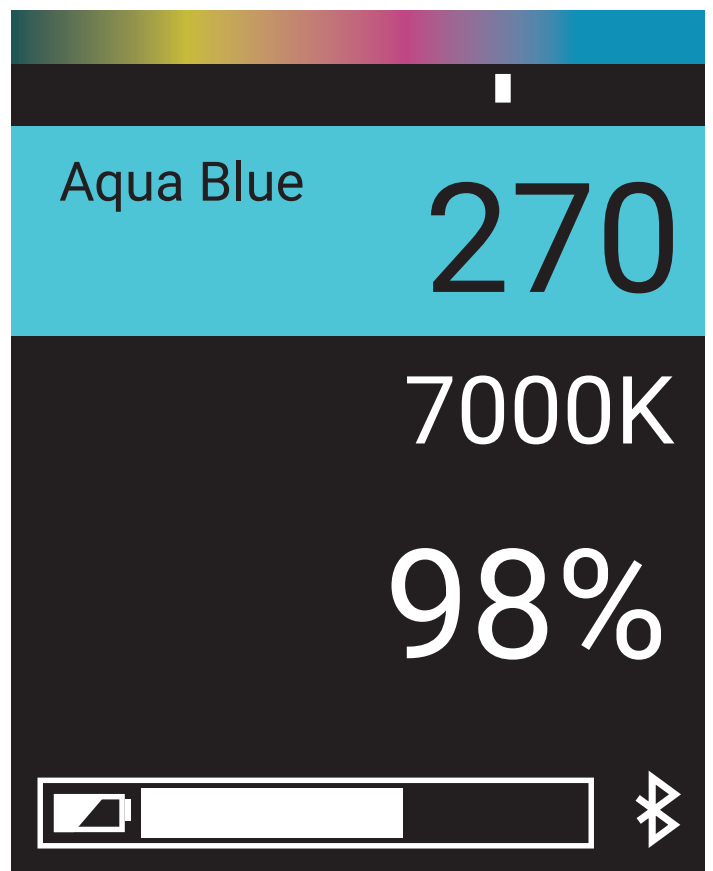
Each numbered gel has a descriptive title, along with a color bar of the color hue and the exact color temperature.

⚙️ **Adjustment dial**

- Scroll: Scrolls through all installed gels (white-balance color temperature set in CCT mode).
- Press: Switches between 3200K, 5600K, and 6500K white-balance color temperatures.

✳️ **Brightness dial**

- Scroll: Adjusts the brightness from 100% to 0%.
- Press: Turns off the LED panel without powering down.



RGB Mode

RGB mode lets you dial up almost any color by scrolling through the entire color wheel.

Every color of the visible spectrum is available. In RGB mode, you can create accent lighting as well as dramatic lighting effects for photography and video.

The LCD panel displays the position on the color wheel in degrees, along with a color bar of the color.

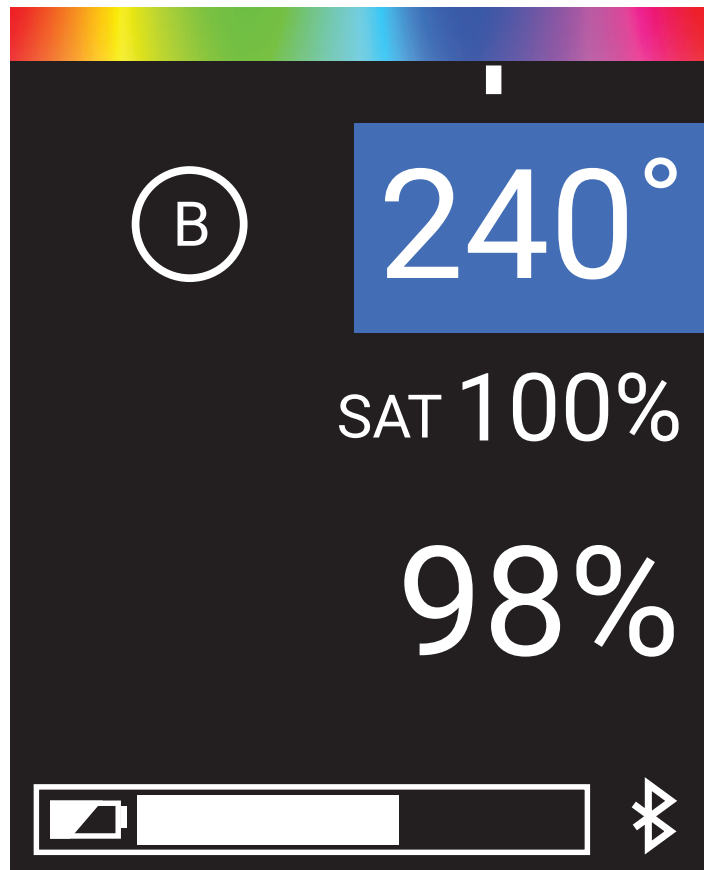
Color saturation can be adjusted from 100% to 20% in 10% increments.

⚙️ **Adjustment dial**

- Scroll: Scrolls through the color spectrum in 1° increments.
- Press: Cycles through 100% to 20% saturation level in 10% increments.

✳️ **Brightness dial**

- Scroll: Adjusts the brightness from 100% to 0%.
- Press: Turns off the LED panel without powering down.



Color Icons

A bar indicator shows the color wheel position wheel as you scroll. Pop-up icons indicate the exact position of true red, green, and blue, as well as the true secondary colors yellow, magenta, and cyan.

Ⓡ Red: 0°/360°	Ⓢ Cyan: 180°
Ⓨ Yellow: 60°	Ⓟ Blue: 240°
ⓖ Green: 120°	Ⓜ Magenta: 300°

Warnings

The Cello calculates battery life as a function of your brightness setting: the battery life increases as you decrease the power output.



The LED panel will dim, but operation will continue.



The LED panel will shut off.



The LED panel will shut off, but settings can still be adjusted.

Bluetooth Status Indicators

❖ Search Mode ❖ Connected

The Cello remains in search mode until it is paired with a Bluetooth device. Once the device is disconnected, the Cello returns to search mode.

Connecting to the Conductor App

1. Enable Bluetooth on your device. Then open the Conductor app on your device.
2. Power on the Cello.
3. The app will prompt you to connect the Cello to the app. Once you do, the light is connected and ready to use with the app.
4. To disconnect, exit the app.

Specifications

Light panel	176 RGBW LED
Bluetooth version	4.2 LE
Battery mount	Sony L-Series
DC power input	2.1 mm 7–15 V
Dimensions (W × H × D)	9.5 × 3.7 × 0.8 in. (24 × 9.3 × 2 cm)
Weight	13.9 oz. (394 g)

Troubleshooting

- If you encounter any problems, first try turning the device off and then on.
- If the problem persists, remove the battery for 15 seconds, and then restart.
- If the Cello's LED array seems dim at higher brightness settings, the problem may be with the battery. Make sure to use only batteries supplied with the Cello 10 or batteries recommended by Luxli. Other batteries may behave differently and affect the performance of the unit.
- Go to www.luxlilight.com to make sure you have the most recent firmware update. If a new firmware version is available, follow instructions on how to download it to your light.

FCC Compliance Statement

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
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: 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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important: Changes or modifications to this product not authorized by Gradus Group could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

One-Year Limited Warranty

This Luxli product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Luxli Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Luxli along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.luxlilight.com or call Customer Service at 212-594-2353.

Product warranty provided by the Gradus Group.

www.gradusgroup.com

LUXLI is a registered trademark of the Gradus Group.

© 2018 Gradus Group LLC. All Rights Reserved.





ORCHESTRA

MULTICOLOR LED **SERIES**

www.luxlight.com