

[pro]master®

TL9RGB

9" Tube
LED Light

CHROMA • SERIES





Parts Diagram:

- | | |
|-----------------------------|---------------------------|
| 1) USB-C Charging Port | 7) 1/4"-20 Threaded Ports |
| 2) LCD Display | 8) ⏻ Button |
| 3) Built-in Diffusion Panel | 9) Mode Button |
| 4) Upper Locking Wheel | 10) Up Arrow Button |
| 5) Lower Locking Wheel | 11) Down Arrow Button |
| 6) Cold Foot | |

Features:

- + Bi-color mode; RGB mode with 360 colors & saturation control
- + Special effects mode with 19 scenes
- + Excellent color rendition (TLCI 98+ / CRI 95+)
- + ¼"-20 ports on both ends for convenient mounting
- + Magnetic back for quick & easy attachment to metal surfaces
- + Built-in rechargeable battery & USB-C charging
- + Works wirelessly with the Light Attendant app

Included Components:

- 1) Chroma TL9RGB LED Light
- 2) USB-C to USB-A Charging Cable
- 3) Metal Cold Foot



Chroma TL9RGB LED Light



Metal Cold Foot



USB-C to USB-A Charging Cable

Charging and Using the Battery Indicator

Locate the USB-C Charging Port (1) and the USB-C to USB-A Charging Cable included with this kit. Connect the cable to the light's port and then connect the other side of the cable to a USB-A charger. A minimum charging input of 2 A is required (at the standard 5 V USB voltage). You can use higher amperage chargers such as 2.2 A, 2.4 A, and 3.0 A with the TL9RGB light. The maximum charging input is 5 A.

A battery indicator icon is shown in the upper, right corner of the LCD Display (2). When the light is connected to a charger the battery icon will show an additional plug icon to its left; and the inside of the battery icon will use blinking bars to show how much of the battery is charged. A total of 3 bars will fit inside the battery icon from bottom to top as charging continues. The battery is fully charged when the 3rd bar is on steady (not blinking). The battery icon charging indicator will be shown when the light is shut OFF or when it is turned ON, so long as it is connected to a charger.

If the light is not connected to a charger and it is turned ON, the battery icon will be shown without the plug icon to its left. As the battery is drained the 3 bars inside the battery icon will disappear from top to bottom. Each bar represents about 1/3 of light's internal battery capacity.

For using the light while charging an input of 3 A (at the standard 5 V USB voltage) is required.

- *Please note, the light will not allow you to set its brightness above 70%, in any mode, while it is charging and turned ON simultaneously.*



Connecting the Light:

The light has two ¼"-20 Threaded Ports (7). They are found at each end of the light. Either of these ports can be used to attach the light to a wide variety of photographic items such as, but not limited to, a light stand, tripod, flex arm, articulating arm, clamp, spigot or stud, and more.

To conveniently attach the light to your camera, use the included Cold Foot (6). Connect the Cold Foot (6) to one of the light's ¼"-20 Threaded Ports (7). After threading it into one of the ports, use the Upper Locking Wheel (4) to secure the Cold Foot (6) to the light. Use the Lower Locking Wheel (5) to secure the Cold Foot (6) to your camera or any other device with a compatible hot or cold shoe.

Powering ON or OFF:

Press and hold the **⏻** Button (8) for approximately 1 second until the light illuminates. Press and hold this same button for approximately 1 second to turn the light OFF. Be advised, while the light is ON, quick presses of the **⏻** Button (8) are used to make selections within the light's modes. This is explained in more detail in the Using the Modes section of this manual.

Adjusting the Brightness:

The light's brightness setting (also referred to as illumination) is shown in the middle (just slightly to the right of center) of the LCD Display (2) in any mode. It is displayed as a percentage on a scale of 1 to 100%. To change the brightness setting in any mode (CCT, HSI, or EFFECTS) the right arrow symbol ">" must be to the left of the brightness setting in the LCD. If a padlock symbol is to the left of the brightness setting quickly press and release the ⏏ Button (8) until the padlock is replaced by the arrow. Using the ⏏ Button (8) in this way moves the ">" symbol to various settings within a mode. Once the ">" symbol is in the right place, use the Up Arrow Button (10) and Down Arrow Button (11) to change the brightness setting. Quick presses of these buttons will make small changes. Holding either of these buttons down will make rapid changes.

- *Please note, you can change the light's brightness in any mode except in the MENU, which is used for changing Groups and Channels.*

Arrow symbol here shows you can change the brightness

Current Brightness Setting



Using the Modes:

The TL9RGB has 3 light modes: HSI, CCT, and EFFECTS. The Mode Button (9) is used to change the mode. The ⏏ Button (8) is used to move around from setting to setting within each mode and the Up Arrow Button (10) and Down Arrow Button (11) are used to make changes to a particular setting.

HSI Mode is the light's color mode (sometimes referred to as RGB). It is identified as HSI on the light's LCD Display (2). HSI stands for Hue, Saturation, Intensity. In HSI mode you have access to 360 distinct Hues (colors) as well as the ability to adjust the Saturation of each color. You can also adjust the Intensity (brightness). Each Hue has a corresponding number which is shown in the LCD Display (2) in the lower, left corner next to the letter "H". The Saturation is shown in the lower, right corner next to the letter "S" and is a percentage on a scale of 0 to 100%. The Intensity is shown in the middle of the display in HSI mode.

With the light turned ON press and release the Mode Button (9) to change modes. Each time you press and release this button the mode will change. When you have reached HSI mode use the ⏏ Button (8) to choose between Hue, Saturation, and Intensity by quickly pressing and releasing it.

Watch where the right arrow symbol “>” is located since this indicates the setting you can adjust. Once you have reached the setting you wish to adjust use the Up Arrow Button (10) and Down Arrow Button (11) to change it. Quick presses of these buttons will make small changes. Holding either of these buttons down will make rapid changes. When a setting has a symbol of a padlock next to it (to its left) the setting cannot be changed.



CCT Mode is the light’s mode for using “white light” with the ability to the adjust warmth or coolness of the light. It is sometimes referred to as bi-color. CCT stands for Correlated Color Temperature. In this mode you have the ability to adjust the color temperature on a scale of 2,500 to 8,500 Kelvin or “K”. The Kelvin scale is commonly used for color temperature. Simply put, the lower the number the warmer the light and the higher the number the cooler the light. 2,500 K is the warmest setting while 8,500 K is the coolest. The color temperature of the light is displayed in the lower, left of the LCD Display (2) in CCT mode.


With the light turned ON press and release the Mode Button (9) to change modes. Each time you press and release this button the mode will change. When you have reached CCT mode use the ϕ Button (8) to choose between the CCT and Brightness settings by quickly pressing and releasing it. Watch where the right arrow symbol “>” is located since this indicates the setting you can adjust. Once you have reached the setting you wish to adjust use the Up Arrow Button (10) and Down Arrow Button (11) to change it. Quick presses of these buttons will make small changes. Holding either of these buttons down will make rapid changes. When a setting has a symbol of a padlock next to it (to its left) the setting cannot be changed.



EFFECTS Mode is for creating scenes, used in video, with this light. There are 19 distinct scenes to choose from. Many of them have options for slow, medium, or fast speeds which brings the total number of options to 49.

- | | | |
|-----------------------|-------------------------|-----------------------|
| 1 – HSI Slow | 2 – HSI Medium | 3 – HSI Fast |
| 4 – Flash Slow | 5 – Flash Medium | 6 – Flash Fast |
| 7 – Party Slow | 8 – Party Medium | 9 – Party Fast |
| 10 – Lightning Slow | 11 – Lightning Medium | 12 – Lightning Fast |
| 13 – Faulty Bulb Slow | 14 – Faulty Bulb Medium | 15 – Faulty Bulb Fast |
| 16 – TV Slow | 17 – TV Medium | 18 – TV Fast |
| 19 – Candle Slow | 20 – Candle Medium | 21 – Candle Fast |
| 22 – Fire Slow | 23 – Fire Medium | 24 – Fire Fast |
| 25 – Fireworks Slow | 26 – Fireworks Medium | 27 – Fireworks Fast |
| 28 – Police Car Slow | 29 – Police Car Medium | 30 – Police Car Fast |
| 31 – Fire Truck Slow | 32 – Fire Truck Medium | 33 – Fire Truck Fast |
| 34 – Ambulance Slow | 35 – Ambulance Medium | 36 – Ambulance Fast |
| 37 – Emergency | 38 – Pulsing | 39 – High / Low Beam |
| 40 – Red Flash Slow | 41 – Red Flash Medium | 42 – Red Flash Fast |
| 43 – Green Flash Slow | 44 – Green Flash Medium | 45 – Green Flash Fast |
| 46 – Blue Flash Slow | 47 – Blue Flash Medium | 48 – Blue Flash Fast |
| 49 – S.O.S. | | |

The name of the scene is shown along the bottom of the LCD Display (2) in EFFECTS mode. The best way to understand each scene is to try it and see the effect. You can adjust the brightness of each scene as well.


With the light turned ON press and release the Mode Button (9) to change modes. Each time you press and release this button the mode will change. When you have reached EFFECTS mode use the  Button (8) to choose between the Effect and Brightness settings by quickly pressing and releasing it. Watch where the right arrow symbol “>” is located since this indicates the setting you can adjust. Once you have reached the setting you wish to adjust use the Up Arrow Button (10) and Down Arrow Button (11) to change it. Quick presses of these buttons will make small changes. Holding either of these buttons down will make rapid changes. When a setting has a symbol of a padlock next to it (to its left) the setting cannot be changed.

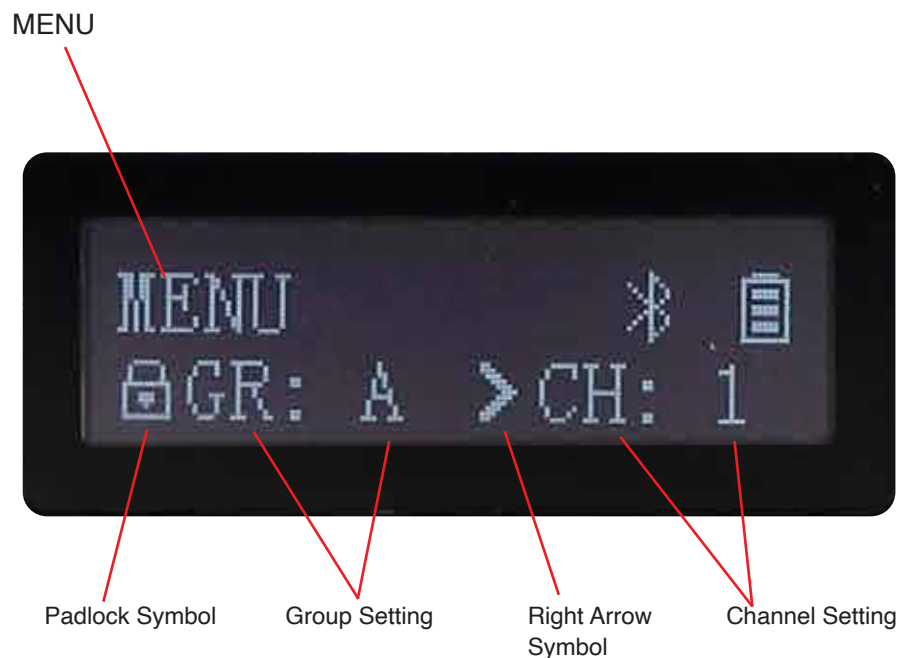


Wireless Control & Use of Groups and Channels:

The TL9RGB can be controlled wirelessly (using Bluetooth® technology) with the ProMaster Light Attendant app. This app is available as a free download for iOS and Android devices from the App Store or Google Play. It is a pleasure to use with phones as well as tablets. It connects quickly and is extremely intuitive to use. Light Attendant also has extensive on-board help menus. Please download the app and refer to its help menus for further instruction. You will find the word HELP at the bottom of every screen in Light Attendant. Touch this word to enter the help menu for that particular screen. Use the back arrow at the top of each help menu to exit it.

When using the Light Attendant app, it is important to understand the use of Groups and Channels on the TL9RGB as this is one option for connecting to and controlling the light. Instructions for setting the light's Group and Channel are found below.

Groups and Channels are used to identify lights so the app can control a number of them together or independently. This light has 3 Groups (A, B, and C) and 15 Channels numbered 1 through 15. To change the Group or Channel begin by pressing and holding the Mode Button (9) for approximately 2 seconds until the word MENU appears in the LCD Display (2). The Group setting is identified as GR and is shown in the lower left area of the display. The Channel setting is identified as CH and is shown in the lower right of the display. Use the  Button (8) to choose between the Group and Channel settings by quickly pressing and releasing it. Watch where the right arrow symbol ">" is located since this indicates the setting you can adjust. Once you have reached the setting you wish to adjust use the Up Arrow Button (10) and Down Arrow Button (11) to change it. Quick presses of these buttons will make small changes. Holding either of these buttons down will make rapid changes. When a setting has a symbol of a padlock next to it (to its left) the setting cannot be changed. Once you have set your desired Group and Channel exit the MENU by pressing the Mode Button (9).



Tips for Operation:

1. It is OK to use the light while it is also charging. However, the brightness setting will not permit a setting above 70%. This ensures the internal charging system of the light can function properly.
2. All Li-ion batteries lose some of their charge over time even when not in use. If the TL9RGB has not been used for a few days or longer, top it off by connecting it to a charge for a while.

Safety Precautions:

1. The TL9RGB is not water resistant. Keep it away from rain, snow, high humidity, moisture, and liquids. Do not allow it to get wet or submerge it.
2. Do not touch the light with wet hands.
3. Avoid contact with solvents, gasoline, grease, oil, paint, and detergents.
4. Disconnect from power when not in use.
5. Do not disassemble, open the housing, or attempt to repair the unit yourself.
6. Do not operate near flammable liquids.
7. Charge this device exclusively with the provided power cable.
8. Be sure the USB-A charger you choose does not exceed 5 V and/or 5 A.
9. Keep this unit out of reach from children at all times.
10. Do not leave the light turned ON and/or charging unattended.
11. Do not dispose of in fire.
12. Do not expose to excessive heat.
13. When the useable life of this light is complete, please recycle it responsibly considering it has an internal Li-ion (lithium ion) battery. Do not dispose of in trash.
14. It is OK to use the light while it is connected to a USB charger for continuous use. In fact, the internal battery will charge, slowly, under this condition while you are using the light. Please be sure to disconnect the light from the charger when you are finished working with it and when the internal battery is fully charged. For operating the light while charging an input of 3 A / 5 V is required. Do not use a charger that has an output below 3 A.

Specifications:

- + Photometrics (at 5,600K/ 100% brightness):
600 lux at 1.64' / 0.5 m | 150 lux at 3.28' / 1 m | 27 lux at 9.84' / 3 m
 - + Luminous Flux (lumens): 350 lm + / - 50 lm
 - + Output Adjustment: 1 – 100%
 - + Color Temperature: 2,500K – 8,500K +/- 200K
 - + Color Accuracy: TLCI 98+ / CRI 95+
 - + Beam Angle: 120°
 - + Maximum Power Consumption: 8 W
 - + Minimum Charging Input: DC 5V / 2 A
 - + Maximum Charging Input: DC 5V / 5 A
 - + Battery: Internal Li-ion 3.7 V / 2,500 mAh / 9.25 Wh
 - + Dimensions: 9" x 1 ⁹/₁₆" x 1 ³/₄" | 22.9 cm x 4 cm x 4.4 cm
 - + Weight: 7 ⁷/₁₆ oz / 211 g
- (dimensions & weight are for the light only, not including any accessories)

One Year Unconditional Warranty

If for any reason, this ProMaster product fails within ONE YEAR of the date of purchase, return this product to your ProMaster dealer and it will be exchanged for you at no charge. ProMaster products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If, at any time after one year, your ProMaster product fails under normal use, we invite you to return it to ProMaster for evaluation.

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