

CL68RGB

RGBWW

Transport Kit

CHROMA • SERIES



Thank you for your purchase of the ProMaster Chroma CL68RGB LED Light.

This RGBWW light is capable of producing beautiful white light with an adjustable color temperature range of 2,500K to 8,500K. This range of cool to warm light can mimic sunlight at various parts of the day for creative effects; and it blends well with a wide variety of indoor/artificial lighting. When set to RGB mode, it can produce a wide range of colored light with 360 hues to choose from along with a saturation adjustment for each hue. Special Effects is another talent of the CL68RGB. In this mode you can choose from a variety of effects to accent your video capture.

The CL68RGB LED light can be powered from a wall outlet or by batteries (not included). Its on-board controls are easy to use, and the light can be controlled wirelessly by the ProMaster Light Attendant app, which is available for download on iOS and Android® devices.

With care and proper use, the ProMaster Chroma CL68RGB LED Light will provide many years of enjoyment. Please read this entire instruction manual to fully understand the assembly, operation, and safe use of the CL68RGB.

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Figure 1:

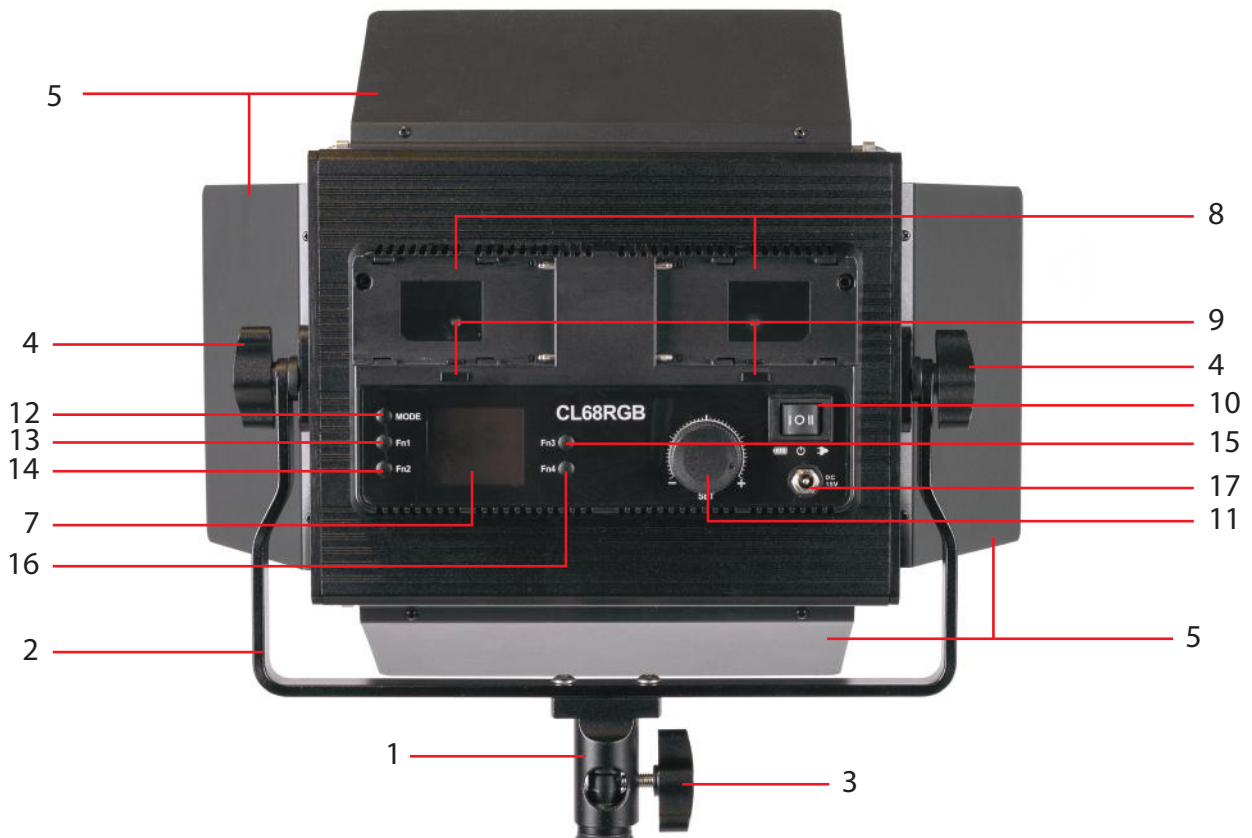


Figure 2:



Parts Diagram:

- 1) Light Stand Mount
- 2) Yoke
- 3) Light Stand Connection Knob
- 4) Tilt Control Knobs
- 5) Barn Doors
- 6) Barn Door Attachment Bolts
- 7) LCD Display
- 8) NP-F Battery Slots
- 9) Battery Release Buttons
- 10) Power Switch
- 11) Main Control Knob
- 12) MODE Button
- 13) BRT Button
- 14) GRP / CH Button
- 15) TEMP / HUE / EFX Button
- 16) SAT Button
- 17) Power Input Socket

Assembly:

The CL68RGB comes fully assembled, including the barn doors. If you prefer to remove the barn doors, simply take out the 4 Barn Door Attachment Bolts (6). They can be removed or reinstalled anytime you like.

Mounting the Light:

Slide the base of the Light Stand Mount (1) onto the top of a sturdy light stand that has a 5/8" mounting stud. Be sure the Light Stand Connection Knob (3) is loosened and the cavity in the base of the Light Stand Mount (1) is clear before placing it onto a light stand. Now tighten the Light Stand Connection Knob (3).

Once mounted, use the Tilt Control Knobs (4) to change the light's angle. While holding the light, loosen these knobs, tilt the light, and then re-tighten the knobs. The Yoke (2) will remain in place while the body of the light tilts within it.

Powering the Light:

Be sure the light is switched OFF before attempting to connect it to any power source and also before disconnecting the light from any power source. Do this by setting the Power Switch (10) to its center position.

Connecting to AC Power

An AC cord is included with this kit. This is, in fact, a two-part cord with a transformer. Locate both parts and connect them together using the figure-8 style connector in the transformer. Next, connect the barrel-style end of the cord to the light's Power Input Socket (17). Finally, connect the other end of the AC cord to a common wall outlet with a voltage supply of 100 – 240 V.

When connecting the AC cord, be sure to support the transformer at all times. A stretchy, hook-and-loop strap is included to aid with this. Use the strap to attach the transformer to your light stand by wrapping it around them both, leaving some slack in the cord that goes from the transformer to the back of the light. Never allow the transformer to hang or put a strain on the cord or the Power Input Socket (17).

Once you have securely connected the CL68RGB to a proper wall outlet power source, push the Power Switch (10) to the right to turn the light ON.

Connecting to Batteries (NP-F or via D-Tap)

Although the CL68RGB includes an AC adapter for connecting to a wall outlet, it can also run using battery power. There are two battery options for you to choose from:

1. Using NP-F type batteries: Locate the NP-F Battery Slots (8) on the back of the light. Using two compatible NP-F type batteries (7.4V / 4,400 mAh minimum), insert them one at a time into these slots with their contacts facing toward the center of the light. Push and hold each battery against the slot (while supporting the light to prevent it from falling) and slide the battery away from the outside and towards the center until you feel it click into place securely. The light requires two NP-F batteries of equal capacity and voltage for proper operation. It will not function with just one NP-F battery.

To release the NP-F type batteries, hold your hand against one of them at a time, and press the Battery Release Button (9) below it. This will release the security lock holding the battery. Remove each battery carefully from the back of the light.

With two, charged NP-F batteries installed, push the Power Switch (10) to the left to turn the light ON.

2. Using batteries with D-Tap: Locate the D-Tap adapter cable which is included with this light, and be sure to have a compatible battery with an on-board D-Tap connection (V-Mount & Gold Mount batteries often have a D-Tap) fully charged and nearby. The D-Tap adapter cable has a barrel-style connector on one end and a D-Tap connector on the other. Only use the included cable with this light because it has an internal current regulator to ensure proper and safe power to the light.

Insert the barrel end of the included D-Tap cable into the light's Power Input Socket (17) first. Next, connect the other end of the cable to the D-Tap port on the battery while supporting it. It is important to keep the battery supported so it does not put a strain on the cable or Power Input Socket (17). A stretchy, hook-and-loop strap is included to aid with this. Use the strap to attach the battery to your light stand by wrapping it around them both, leaving some slack in the cord that goes from the battery to the back of the light. Never allow the battery to hang or put a strain on the cord or the Power Input Socket (17).

With a charged D-Tap battery connected, push the Power Switch (10) to the right to turn the light ON.

Note: The CL68RGB does not include batteries. ProMaster offers a wide assortment of both NP-F type and D-Tap compatible batteries. Contact your local ProMaster dealer or go to www.promaster.com for more information.

Additional note: Only connect the CL68RGB to one power source at a time.

Using the Light:

Adjusting Brightness

The CL68RGB's brightness can be changed anytime, while the light is in any mode. Simply press the BRT Button (13) to highlight the current brightness setting on the LCD Display (7) and turn the Main Control Knob (11) clockwise to increase it, or counterclockwise to decrease it. The brightness can be adjusted on a scale of 1 – 100%.

Selecting a Mode

The CL68RGB has 3 modes: CCT, HSI, and EFFECTS. Each time you press the MODE Button (12) the light's mode will change among these 3 options.

CCT Mode

CCT stands for Correlated Color Temperature. This is also known as “bi-color” mode. Here the CL68RGB will emit a white light for which you can adjust the warmth & coolness within a range of 2,500K to 8,500K using the kelvin color temperature scale. To adjust the color temperature, press the TEMP / HUE / EFX Button (15) and the current color temperature setting will be highlighted on the LCD Display (7). Next, turn the Main Control Knob (11) clockwise to increase the color temperature setting or counterclockwise to decrease it.

HSI Mode

HSI stands for Hue Saturation Intensity. In this mode you can use the CL68RGB to emit a colored light by selecting a hue and adjusting the saturation of that hue. To adjust the hue (color of light), press the TEMP HUE FX Button (15) to highlight the current setting on the LCD Display (7). Each hue has a number on a scale of 0 to 360. Turn the Main Control Knob (11) clockwise to increase the number or counterclockwise to decrease it.

To adjust the saturation of the hue, press the SAT Button (16) to highlight the current setting on the LCD Display (7). Turn the Main Control Knob (11) clockwise to increase the saturation or counterclockwise to decrease it on a scale of 0 – 100%.

Effects Mode

This mode is used for creating scenes in video. To change the particular effect, press the TEMP HUE FX Button (15) to highlight the current effect setting on the LCD Display (7). Turn the Main Control Knob (11) clockwise to increase the number counterclockwise to decrease it. Effects are numbered 1 – 49 as follows:

- | | | |
|-------------------------|---------------------------|-------------------------|
| 1 – HSI Cycle (Slow) | 2 – HSI Cycle (Medium) | 3 – HSI Cycle (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 – H/L 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		

Wireless Control & Use of Groups and Channels

The CL68RGB can be controlled wirelessly using the ProMaster Light Attendant™ app . This app is available as a free download for iOS or Android devices from the App Store or Google Play. It is a pleasure to use with phones as well as tablets, connects quickly and easily, and is extremely intuitive. Light Attendant also has extensive help menus at your disposal. Please download the app and refer to the help menus for further instruction about the use of the app. 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 screen to exit.

When using the Light Attendant app, it is important to understand the use of Groups and Channels on the CL68RGB as this is one option for connecting to and controlling the light. Instructions for setting the 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, press and release the GRP / CH Button (14) once. To change the Channel, press and release this button a second time. A third press will exit this feature. Each time you press the GRP / CH Button (14) the Channel or Group will be highlighted on the LCD Screen (7) and you can use the Main Control Knob (11) to change the setting.

Safety Precautions:

- 1) The CL68RGB 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 or any accessories or parts of the light with wet hands.
- 3) Avoid contact with solvents, gasoline, grease, oil, paint, and detergents.
- 4) Always disconnect the light from power when not in use.
- 5) When using D-Tap for power, only use the included D-Tap adapter cord to ensure proper current reaches the light. Never use a different D-Tap cable for power.
- 6) When using AC power only use the included AC cord and transformer. Never connect the light to a different AC cable or transformer.
- 7) When using NP-F type batteries for power, be sure they are the same brand, age, and capacity. They should be fully charged. A compatible NP-F type battery must be 7.4 V and have a minimum capacity of 4,400 mAh.
- 8) Only connect the light to one power source at a time.
- 9) Never support the light with a light stand that has a load capacity less than 3 lbs. Be sure the stand is set up properly and weighted down for safety.
- 10) Do not disassemble, open the housing, or attempt to repair the unit yourself.
- 11) Do not operate the light near flammable liquids (this includes the transformer and AC cord).
- 12) Do not dispose of in fire.
- 13) No not expose to excessive heat.
- 14) Keep out of reach from children and pets.
- 15) Never leave the light turned ON or connected to power unattended.
- 16) When the useable life of this light is complete, please recycle it responsibly.

One Year Unconditional Warranty:

If for any reason, this ProMaster product fails with 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.