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PROFESSIONAL

US1014RGB [RGBWW]
LED Light
ULTRASOFT • SERIES



Thank you for your purchase of the ProMaster Ultrasoft US1014RGB LED Light.

By design, the US1014RGB produces a particularly soft, diffused illumination without the need for additional softening modifiers.

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 US1014RGB. In this mode you can choose from a variety of effects to accent your video capture.

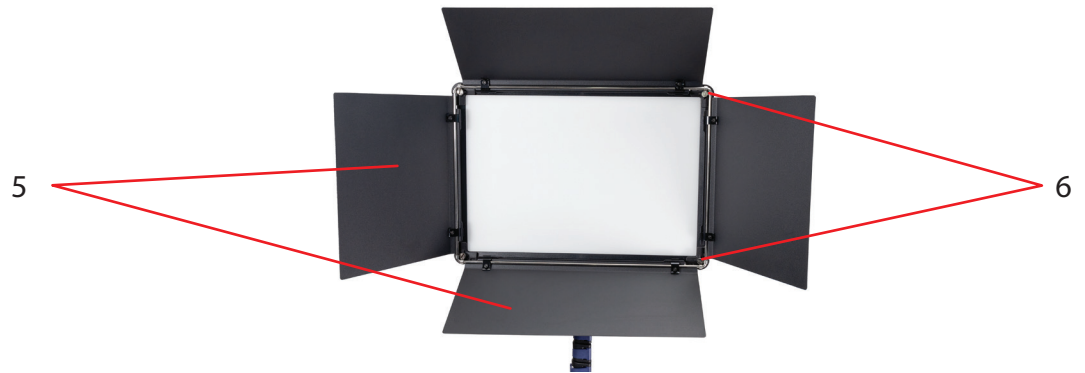
The US1014RGB LED light can be powered from a wall outlet or by batteries (not included). Its on-board controls are easy to use, and the light can be controlled wirelessly by the ProMaster Light Attendant app™, which is available for download on iOS® and Android™ devices.

With care and proper use, the ProMaster Ultrasoft US1014RGB 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 US1014RGB.

Figure 1:



Figure 2:



Parts Diagram:

- | | |
|-------------------------------------|-----------------------------|
| 1) Light Stand Mount | 10) Power Switch |
| 2) Light Stand Mount Release Button | 11) Main Control Knob |
| 3) Light Stand Connection Knob | 12) MODE Button |
| 4) Tilt Control Knob | 13) BRT Button |
| 5) Barn Doors | 14) GRP / CH Button |
| 6) Barn Door Attachment Bolts | 15) TEMP / HUE / EFX Button |
| 7) LCD Display | 16) SAT Button |
| 8) NP-F Battery Slots | 17) Power Input Socket |
| 9) Battery Release Button | 18) Mount Connector |

Assembly:

The US1014RGB comes with the Barn Doors (5) installed. If you prefer to remove them, simply take out the 4 Barn Door Attachment Bolts (6). The Barn Doors (5) can be removed or reinstalled anytime you like.

Before mounting the US1014RGB onto a light stand you must attach the Light Stand Mount (1) to the base of the light. Do this by placing the Light Stand Mount (1) over the Mount Connector (18) area on the light. Line these parts up and depress the Light Stand Mount Release Button (2) as you insert the Light Stand Mount (1) into the light and slide it upward. Release the button and check the mount to ensure it is securely attached to the light. To remove the Light Stand Mount (1) depress the Light Stand Mount Release Button (2) while pulling down on the mount and then pulling it away from the back of the light.

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). This mount is designed to work with standard 5/8" mounting studs.

Once mounted, use the Tilt Control Knob (4) to change the light's angle. While holding the light, loosen the knob, tilt the light, and then re-tighten the knob. Never loosen the Tilt Control Knob (4) unless you have a firm grip on the light.

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 hang or put a strain on the cord or the Power Input Socket (17).

Once you have securely connected the US1014RGB 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 US1014RGB 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 outside of the light. Push and hold each battery against the slot (while supporting the light to prevent it from falling) and slide each battery away from the center and towards the outside 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 them, and press the Battery Release Button (9) below. This will release the security lock holding the batteries. 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 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 US1014RGB does not include batteries. ProMaster offers a wide assortment of 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 US1014RGB to one power source at a time.

Using the Light:

Adjusting the Brightness

The US1014RGB'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 US1014RGB 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 US1014RGB 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 US1014RGB 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 EFX 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 EFX 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 US1014RGB can be controlled wirelessly using the ProMaster Light Attendant™ app . This app is available as a free download for iOS devices at the App Store® and for Android devices on 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 if necessary. 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 it.

When using the Light Attendant app, it is important to understand the use of Groups and Channels on the US1014RGB 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 US1014RGB 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) Do 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.

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