US1014B

Bi-Color
[*Transport Kit*]

U L T R A S O F T • S E R I E S

Thank you for your purchase of the ProMaster Ultrasoft US1014B LED Light.

By design, this light produces a particularly soft, diffused illumination without the need for additional softening modifiers. Its bi-color feature allows you to adjust its color temperature within a range of 3,200K to 5,600K. This range of warm to cool 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. The US1014B 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 US1014B 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 US1014B.
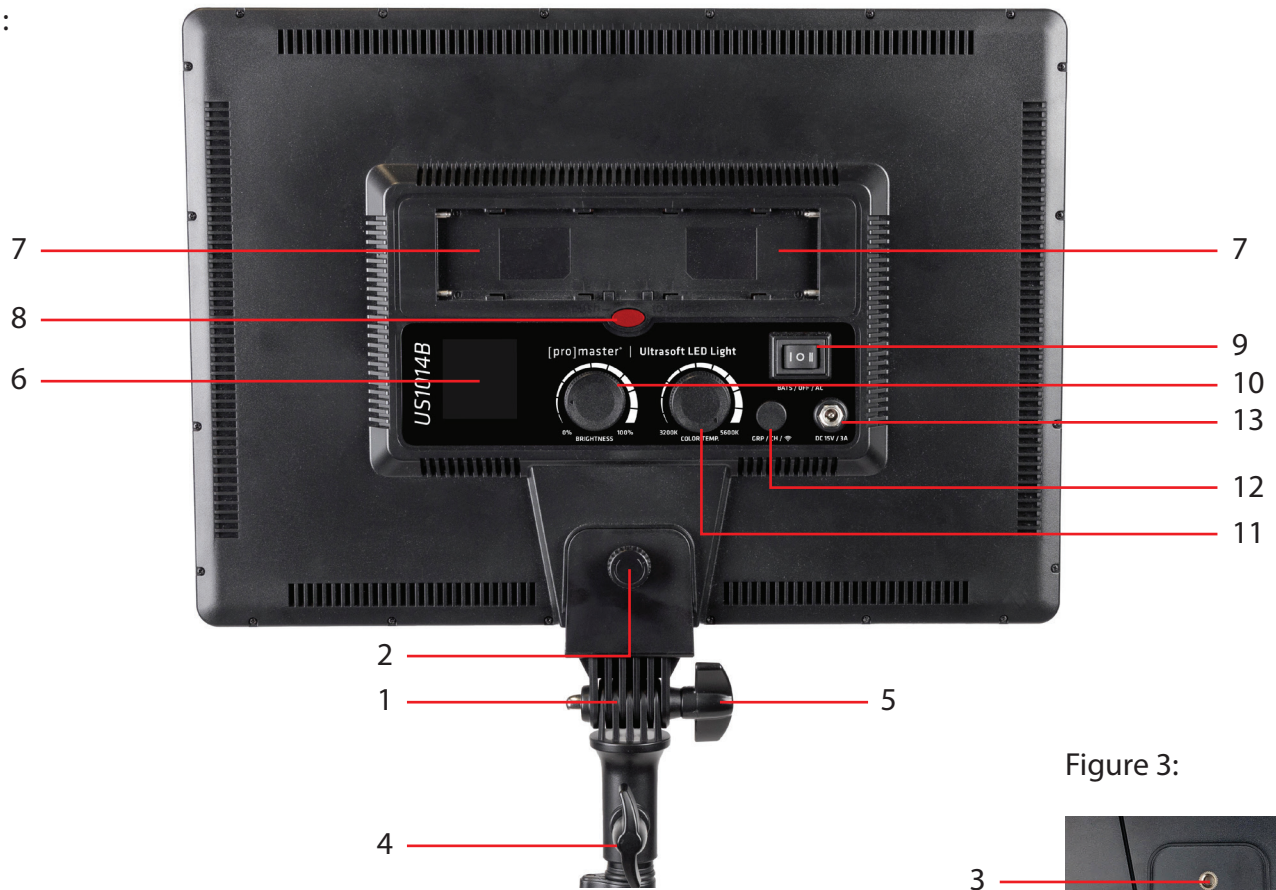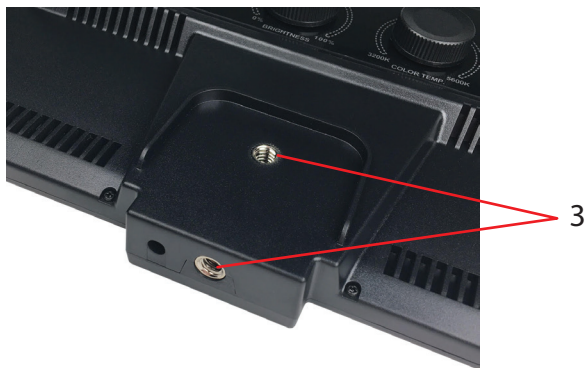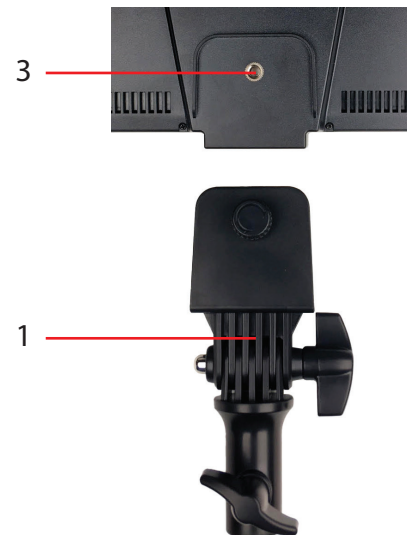
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P R O F E S S I O N A L

Figure 1:

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Figure 3:

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Figure 2:

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Parts Diagram:

1) Light Stand Mount

2) Light Stand Mount Attachment Knob

3) ¼"-20 Threaded Ports

4) Light Stand Connection Knob

5) Tilt Control Knob

6) LCD Display

7) NP-F Battery Slots

8) Battery Release Button

9) Power Switch

10) Brightness (GRP) Control Knob

11) Color Temperature (CH) Control Knob

12) GRP / CH Button

13) Power Input Socket

Assembly:

At the bottom, center of the light you will notice two ¼"-20 Threaded Ports (3). A close-up of this area is shown in Figure 2 of the Parts Diagram. While you can use either of these threaded ports for mounting the light, it is generally preferred to attach the Light Stand Mount (1) as shown in Figure 3. Slide the Light Stand Mount (1) onto the lower part of the light and secure it using the Light Stand Mount Attachment Knob (2).

Mounting the Light:

With the Light Stand Mount (1) installed, slide it onto the top of a sturdy light stand that has a 5/8" mounting stud. Be sure the Light Stand Connection Knob (4) is loosened and the cavity in the base of the Light Stand Mount (1) is clear before placing it onto a stand. Now tighten the Light Stand Connection Knob (4).

Once mounted, use the Tilt Control Knob (5) to change the light's angle. While holding the light, loosen this knob, tilt the light, and then re-tighten the knob.

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 (9) 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 (13). 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 Power Input Socket (13).

Once you have securely connected the US1014B to a proper wall outlet power source, push the Power Switch (9) to the right to turn the light ON.

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

Although the US1014B 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 (7) 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 away from 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 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 both of them and press the Battery Release Button (8). This will release the security lock on both batteries at the same time. Remove them carefully from the back of the light.

   With two, charged NP-F batteries installed, push the Power Switch (9) to the left to turn the light ON.

2. Using batteries with D-Tap: Locate the included 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 (13) 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 (13). 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 the light. Never allow the battery to hang or put a strain on the cord or the Power Input Socket (13).

   With a charged D-Tap battery connected, push the Power Switch (9) to the right to turn the light ON.

Note: The US1014B 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 US1014B to one power source at a time.

Using the Light:

Adjusting Brightness

Brightness can be set within a range of 1% to 100%, in 1-degree increments, using the Brightness (GRP) Control Knob (10). Turn the knob clockwise to increase the brightness or counterclockwise to decrease it. Notice the LCD Display (6) will indicate the light's current brightness setting.

Adjusting Color Temperature

The US1014B is a bi-color light which provides the ability to change the warmth and coolness of its white light beam within a range of 3,200K to 5,600K using the Kelvin scale for color temperature.

To change the color temperature of the light, turn the Color Temperature (CH) Control Knob (11) clockwise to increase it (make the light cooler) or counterclockwise to decrease it (make it warmer). The highest color temperature setting (coolest) for this light is 5,600K. The lowest (warmest) setting is 3,200K. Notice the LCD Display (6) indicates the light's current color temperature setting.

Please note, "bi-color" is an industry-standard term for a light with adjustable color temperature. However, use of the word "color" does not mean this light has the ability to emit a beam of light that has a color, or "hue" to it. For that feature you should look for an RGB type light with HSI (Hue, Saturation, Intensity) capabilities.

Wireless Control & Use of Groups and Channels

The US1014B 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 to use. 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 US1014B 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) + All, and 15 Channels numbered 1 through 15 + All. To change the Group, Channel, or both begin by pressing the GRP / CH Button (12) and releasing it quickly. The group and channel which are currently set will flash at the top of the LCD Display (6). While these are flashing you can turn the Brightness (GRP) Control Knob (10) to change the group or turn the Color Temperature (CH) Control Knob (11) to change the channel. When you are finished, press, and release the GRP / CH Button (12) again. The group and channel will stop flashing and your settings will be locked into the light. If you did not make any changes to the group or channel for approximately 12 seconds while they were flashing, they will stop flashing on their own as the light automatically exits this setting. If this happens, simply press the GRP / CH Button (12) again to change the group and channel.

Safety Precautions:

1) The US1014B is not water resistant. Keep it away from rain, snow, high humidity, moisture, and liquids. Do not allow it to get wet or submerse 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) 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.

9) Do not disassemble, open the housing, or attempt to repair the unit yourself.

10) Do not operate the light near flammable liquids (this includes the transformer and AC cord).

11) Do not dispose of in fire.

12) No not expose to excessive heat.

13) Keep out of reach from children and pets.

14) Never leave the light turned ON or connected to power unattended.

15) 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.