

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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Made in China

Code 6334



LEDR600B [Bi-Color 18"
LED Ringlight]

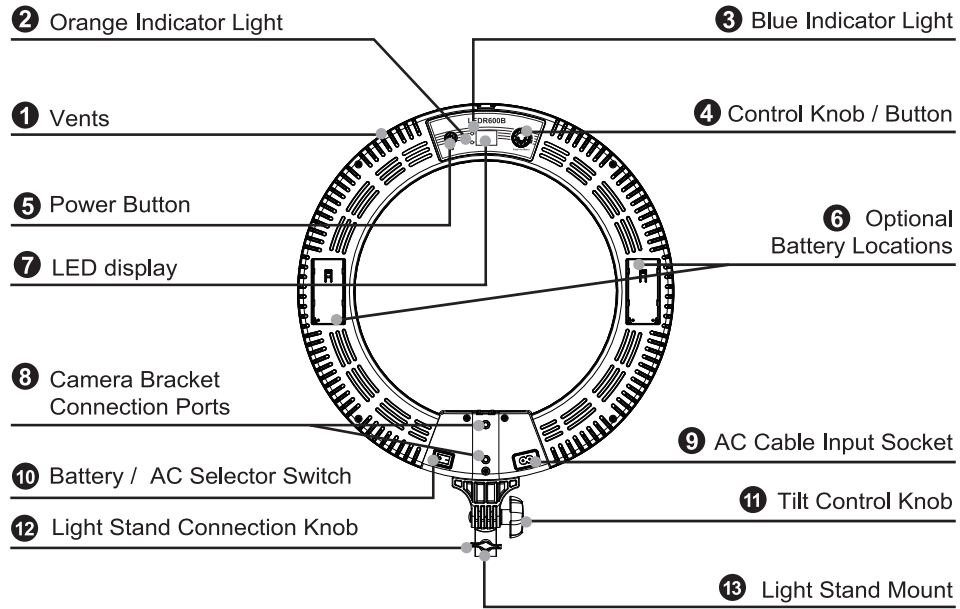
SPECIALIST • SERIES



Congratulations on your purchase of this ProMaster Specialist LEDR600B Ringlight. It is a professional Bi-Color light that is excellent for portraiture and many types of photography and videography in which soft, direct light is desired. The LEDR600B has many advanced, technical features.

Please read through this instruction manual to familiarize yourself with the features of this light so you can get the best results.

● Parts Identification



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|-------------------------------|------------------------------------|
| 1. Vents | 8. Camera Bracket Connection Ports |
| 2. Orange Indicator Light | 9. AC Cable Input Socket |
| 3. Blue Indicator Light | 10. Battery / AC Selector Switch |
| 4. Control Knob / Button | 11. Tilt Control Knob |
| 5. Power Button | 12. Light Stand Connection Knob |
| 6. Optional Battery Locations | 13. Light Stand Mount |
| 7. LED Display | |

● Safety Precautions

1. Please keep the LEDR600B away from moisture and liquids.
2. Do not touch 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 open the housing or attempt to repair the unit yourself.
6. Do not operate near flammable liquids.
7. Use only the included AC cord for power.
8. Please keep the light out of reach from children.
9. The light housing may become warm during use. Allow it to cool before storing the light.

● Using the Light

Mounting the Light: The LEDR600B is fitted with an industry-standard 5/8" light stand connector. This is identified as the Light Stand Mount (13) in the parts diagram. Loosen the Light Stand Connection Knob (12) before sliding the Light Stand Mount (13) onto a light stand, grip arm, flex arm, or other type of grip item fitted with a 5/8" male spigot or stud. Tighten the Light Stand Connection Knob (12) for a secure fit.

Attaching a Camera to the Light: Included with this kit is a camera connection bracket and two wing nuts. The bracket is shaped like an 'L'. Align the slot in the camera connection bracket with the two Camera Bracket Connection Ports (8) on the back of the ringlight. Insert both wing nuts through the slot and into the Camera Bracket Connection Ports (8). The portion of the camera connection bracket with a rubber pad and attachment screw should be oriented at the top of the bracket when you attach it to the light. The bracket can be mounted in one of two directions, with the top facing into the center of the ringlight or with its top facing away from the back of the ringlight. Use whichever will give your camera the most ideal placement within the ringlight's center. Loosen the wing nuts slightly and slide the bracket up or down for the most ideal placement of your camera.

Powering Up and Down: The LEDR600B can be powered by AC current from a common wall outlet or by two NP-F type batteries (not included). Locate the AC cable included with the kit. Check to be sure the Battery / AC Selector Switch (10) of the ringlight is set to the AC position with its right side pressed in. Attach the 2-pin, figure-8 connector of the AC cable to the AC Input Socket (9) on the Ringlight. Next connect the 2-prong household connector on the AC cable to a standard household socket. Now press the Power Button (5) and hold it down for approximately 1 second until the light illuminates. Release the Power Button (5) now. To power down the unit hold the Power Button (5) for approximately 1 second until the illumination turns off. Switch the Battery / AC Selector Switch (10) to its center position and then either disconnect both batteries or disconnect the AC power cable from the wall outlet.

Note: Always be sure the light is turned OFF before disconnecting the AC cable. Disconnect the AC cable from the household socket BEFORE disconnecting it from the AC Input Socket (9) of the ringlight.

A note about power via Batteries: The LEDR600B includes an AC power cord. Batteries are optional and can be used instead of AC power for portability. If you choose to purchase batteries be advised you will also need to use an external charger. The LEDR600B cannot charge batteries in the unit. It can only draw power from them. Be sure the Battery / AC Selector Switch (10) is set to the Battery position with its left side pressed in when using batteries. Then use the Power Button (5) to illuminate the light as described above in 'Powering Up'.

Batteries must be used 2 at a time occupying both of the Optional Battery Locations (6). Acceptable battery types include: NP-F550, NP-F570, NP-F750, NP-F770, NP-F970.

● Using the Light

Adjusting the Brightness: When the Blue Indicator Light (3), with the letter 'D' to the left of it, is illuminated (D stands for Dimmer) the LEDR600B is in Brightness Control Mode. Rotate the Control Knob / Button (4) clockwise to increase brightness or counterclockwise to decrease brightness. Notice the LED Display (7) will show a number between 1 and 99 as you change the brightness to indicate your setting. 1 is the lowest brightness setting while 99 is the highest. If the light is in another mode you can return it to Brightness Control Mode by pressing the Control Knob / Button (4) quickly 2-times in succession.

Adjusting the Color Temperature: When the Orange Indicator Light (2), with the letter 'C' to the left of it, is illuminated (C stands for Color Temperature) the LEDR600B is in Color Temperature Control Mode. Rotate the Control Knob / Button (4) clockwise to increase the coolness of the light and counterclockwise to increase the warmth of the light. Notice the LED Display (7) will show a number between 32 and 56. 32 stands for 3200 Kelvin color temperature. 56 stands for 5600 Kelvin color temperature. And numbers in between indicated color temperatures in a similar fashion. If the light is in another mode you can return it to Color Temperature Control Mode by pressing the Control Knob / Button (4) quickly 2-times in succession.

Selecting a Channel for use with Remote: While the light is powered ON, press and hold the Control Knob / Button (4) for approximately 3 seconds to enter Channel Select Mode. Both the Orange Indicator Light (2) and the Blue Indicator Light (3) will be off to indicate you are in Channel Select Mode. Rotate the Control Knob / Button (4) clockwise to increase the channel number up to 99 or counterclockwise to decrease the channel number to 1. You have 99 channels to choose from. To exit Channel Select Mode press the Control Knob / Button (4) once quickly.

Note: Refer to the separate instruction manual for the included 1706 wireless remote to learn its operation.

Checking Battery Capacity: With the LEDR600B's Battery / AC Selector Switch (10) set to Battery mode with its left side pressed in, press the Power Button (5) once quickly. The light will not illuminate but the LED Display (7) will flash a number to indicate the amount of capacity in the two batteries between 1 and 99 with 1 being nearly depleted and 99 being fully charged. You can check the battery capacity when the light is illuminated or when it is not.

Adjusting the Light's placement: The Tilt Control Knob (11) can be loosened slightly to allow the ringlight to be tilted up or down. The Light Stand Connection Knob (12) can be loosened slightly to allow the light to be rotated left or right. All other adjustments for placement of the ringlight should be done with the particular stand or grip you have the ringlight mounted to.

● Specifications

Model	6334 SPECIALIST LEDR600B
Power Consumption	60W
Brightness	1360 lux at 3' / 1 m 170 lux at 10' / 3 m
Luminous Flux	6,000 LM
LED Quantity	624 PCS
Color Temperature	3200K - 5600K +/- 200K
Color Accuracy	CRI 95+
Dimmer	10% -100%
Lamp Life	50,000 hours
Remote Control	99 channels 2.4G wireless remote control
Effective Wireless Distance Range	>30 m / 98'
Lithium Battery Type	NP-F550, NP-F570, NP-F750, NP-F770, NP-F970
Power Input	AC 100-240V 50/60Hz
Dimensions	Outer 18" / 45.7 mm Inner 12 1/2" / 31.8 cm
Weight	3 lbs 5 oz / 1.5 kg