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› SmallRig Pix M160 RGB Video Light User Manual

SMALLRIG 3157-SR

SmallRig Pix M160 RGB Video Light User Manual

Model: 3157-SR | Brand: SMALLRIG

1. INTRODUCTION

The SmallRig Pix M160 RGB Video Light is a versatile and portable lighting solution designed for photography, videography, and vlogging. Featuring full Hue, Saturation, & Intensity (HSI) color control, 12W output, and a high-capacity 3800mAh battery, it offers exceptional color quality with CRI 95+ and TLCI 98. This manual provides detailed instructions for setting up, operating, and maintaining your Pix M160 light.

2. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- 1 x SmallRig Pix M160 LED Light
- 1 x Softbox
- 1 x Honeycomb Grid
- 1 x USB Type-C Charging Cable
- 1 x Carrying Pouch
- 1 x Ball Head (with 1/4"-20 screw)

What You Get



1 x Softbox



1 x Honeycomb Grid



1 x LED Light



1 x Carrying Pouch



1 x Charging Cable



1 x Ball Head

Image: All components included with the SmallRig Pix M160 RGB Video Light.

3. PRODUCT OVERVIEW

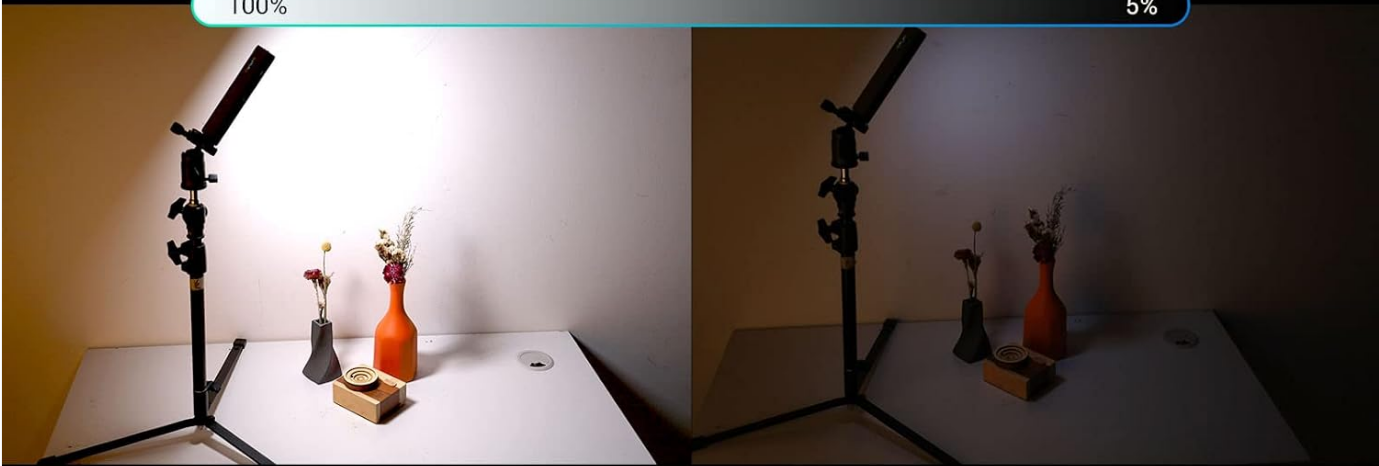
Familiarize yourself with the different parts of your SmallRig Pix M160:

12W High-power For Upgraded Brightness

Free to control your wanted brightness in larger range

100%

5%



Pix M160: 12W

Other Product: 5W



Image: Detailed diagram showing the various parts and controls of the Pix M160 light.

No.	Component	Description
1	OLED Screen	Displays current settings, battery life, and mode.
2	Menu Button (SET)	Used to enter menus and confirm selections.
3	Function Control Wheel (FN)	Navigates menus and adjusts parameters.
4	Brightness Adjusting Knob (DIM)	Controls the light's intensity.
5	USB 5V/2.4A Output Port	Used for charging external devices (power bank function).
6	USB Type-C Charging Port	Used to charge the Pix M160 light.
7	1/4"-20 Screw With Locating Holes (Top)	Mounting point for accessories.
8	1/4"-20 Screw With Locating Holes (Side)	Additional mounting point for accessories.

4. SETUP

4.1 Initial Charge

Before first use, fully charge the Pix M160 using the provided USB Type-C cable and a compatible USB power adapter (not included). The OLED screen will indicate charging status.

4.2 Mounting Options

The Pix M160 offers multiple mounting solutions:

- **Magnetic Attachment:** The light features built-in magnets allowing it to be fixed to metallic surfaces.
- **1/4"-20 Threaded Holes:** Use the integrated 1/4"-20 anti-twist holes with the included ball head or other compatible accessories to mount the light onto cameras, cages, tripods, or light stands.

Fit Anywhere with Build-in Magnets



1/4" -20 Threaded Holes Compatible with SmallRig Accessory System

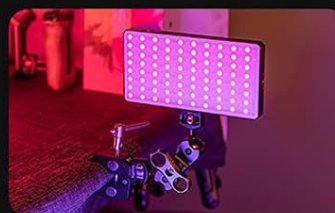


Image: Examples of magnetic attachment for the Pix M160.

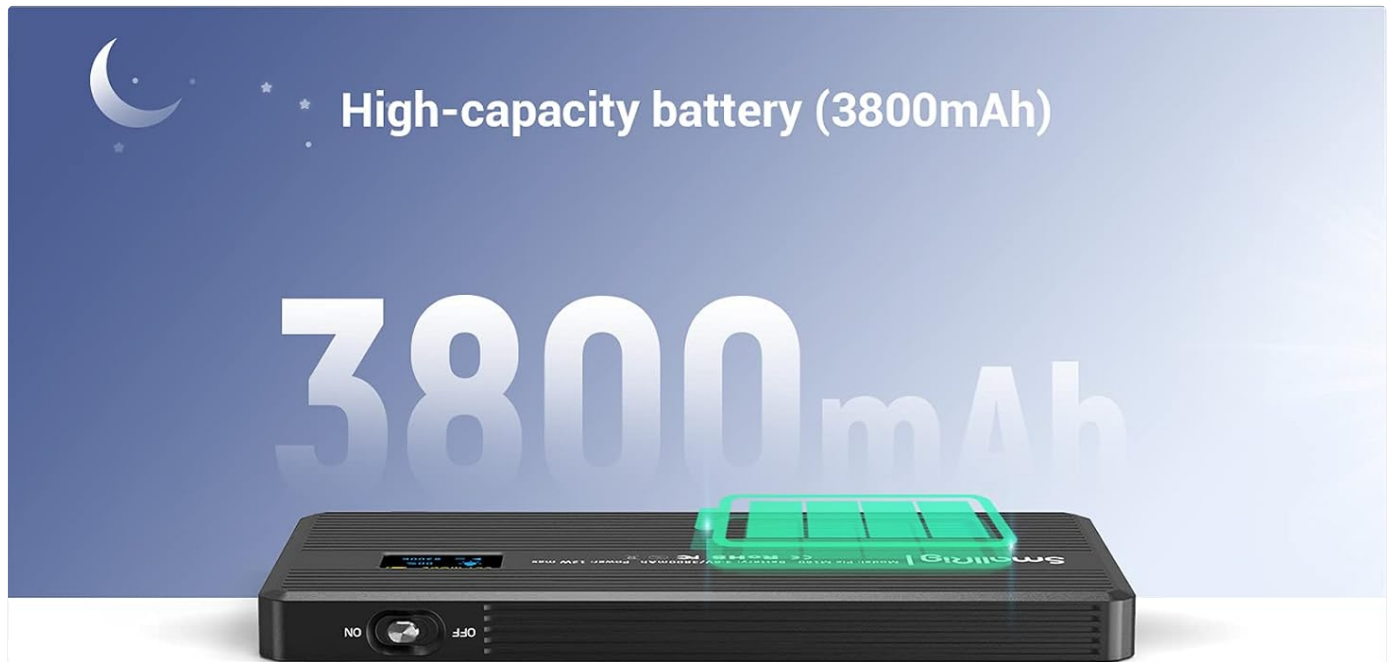


Image: The Pix M160 mounted using its 1/4"-20 threaded holes.

4.3 Attaching Accessories

The included softbox and honeycomb grid can be attached to modify the light output:

- **Softbox:** Provides softer, more diffused light.
- **Honeycomb Grid:** Helps control light spill and create a more focused beam.

Control the Lighting Distribution

Included honeycomb grid helps you fix the light without limitation

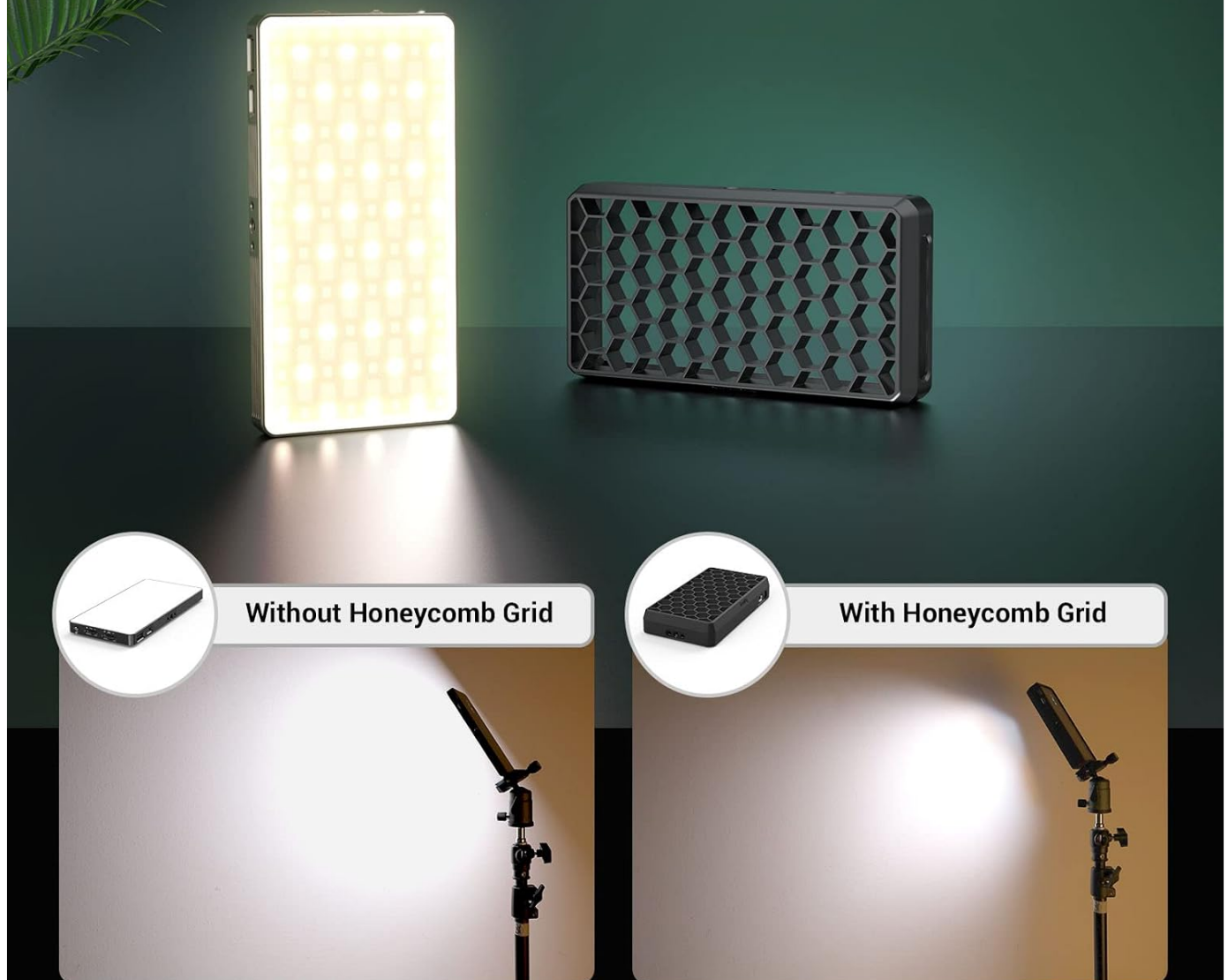


Image: Demonstrating the effect of the honeycomb grid on light distribution.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Slide the **Power Switch** (9) to the 'ON' position to turn on the light. Slide it to 'OFF' to power down.

5.2 Mode Selection

Press the **Menu Button (SET)** (2) to cycle through the main operating modes: CCT Mode, HSI Mode, and Scene Mode. The current mode will be displayed on the OLED screen (1).

- **CCT Mode (Correlated Color Temperature):** Adjusts the white light color temperature. Use the **Function Control Wheel (FN)** (3) to select a temperature between 2500K (warm) and 8500K (cool) in 100K increments.
- **HSI Mode (Hue, Saturation, Intensity):** Provides full color control. Use the **Function Control Wheel (FN)** (3) to adjust the hue (360°) and saturation (0-100 levels).
- **Scene Mode:** Accesses 12 pre-programmed lighting effects. Use the **Function Control Wheel (FN)** (3) to select from

effects such as Police Car, RGB Color (rapid or slow), RGB Strobe/flash, Paparazzo, Candlelight, Screen, and Breathing.

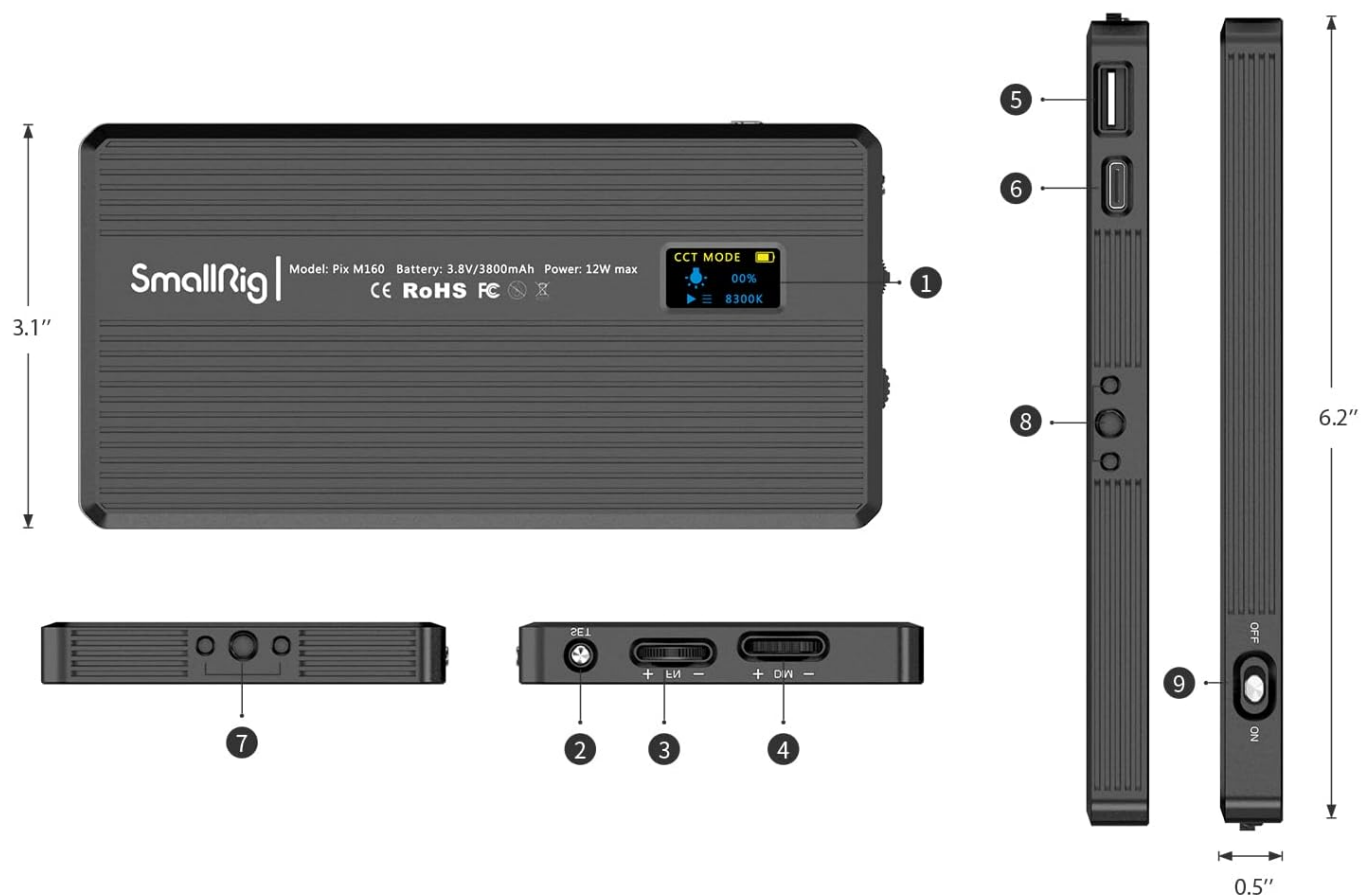
5.3 Brightness Adjustment

In any mode, rotate the **Brightness Adjusting Knob (DIM)** (4) to increase or decrease the light's intensity from 0% to 100%. The brightness level is shown on the OLED screen.



Image: The SmallRig Pix M160 light in operation, showing its display.

Product Specification



- | | | |
|-----------------------------|---------------------------------|-------------------------------------|
| ① OLED Screen | ④ Brightness Adjusting Knob DIM | ⑦ 1/4'-20 Screw With Locating Holes |
| ② Menu Button SET | ⑤ USB 5V/2.4A Output Port | ⑧ 1/4'-20 Screw With Locating Holes |
| ③ Function Control Wheel FN | ⑥ USB Type-C Charging Port | ⑨ Power Switch |

Image: Visual demonstration of brightness levels and power output comparison.

6. CHARGING AND POWER BANK FUNCTION

6.1 Charging the Light

Connect the provided USB Type-C cable to the **USB Type-C Charging Port** (6) on the light and to a USB power source. The OLED screen will show the charging progress. A full charge provides approximately 120 minutes of operation at 100% brightness.

Multi-scenes, Easy and Fun



Portrait Photography



Live Streaming



Food Photography



Capture Highlights



Still Life Lighting



Electronic Music



Desktop Decoration



Creativity



Carnival Party



Outdoor Lighting

Image: High-capacity 3800mAh battery of the Pix M160.

6.2 Power Bank Function

The Pix M160 can also function as a power bank to charge other devices. With the light powered OFF, connect your device's USB cable to the **USB 5V/2.4A Output Port** (5). This feature allows you to charge your phone or other small electronics on the go.



Image: The Pix M160's reverse charging capability, acting as a power bank.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light's surface. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the light in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided carrying pouch for protection.

- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the light regularly, even if not in use, to maintain battery health.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on	Low battery; Power switch off	Charge the light; Ensure power switch is in 'ON' position.
Cannot adjust brightness/color	Incorrect mode; Controls not responding	Press SET button to cycle modes; Restart the device.
Power bank function not working	Light is ON; Low battery; Incorrect cable	Ensure light is OFF; Charge the light; Use a compatible USB cable.
Light gets warm during use	Normal operation at high intensity	This is normal. Ensure adequate ventilation.

9. SPECIFICATIONS

Feature	Detail
Model Number	3157-SR
Product Dimensions	6.22 x 3.15 x 0.49 inches
Item Weight	8.1 ounces
Battery Type	1 Lithium Ion battery required (built-in 3800mAh)
Battery Life (100% brightness)	Approx. 120 minutes
Max Output Power	12W
Illuminance	1350lux/0.5m
Color Temperature Range	2500K-8500K
Color Rendering Index (CRI)	95+
Television Lighting Consistency Index (TLCI)	98
Connectivity Technology	USB
Hardware Interface	USB

10. WARRANTY AND SUPPORT

SmallRig products typically come with a limited warranty. Please refer to the warranty card included with your product or visit the official SmallRig website for detailed warranty information and support options. For technical assistance or inquiries, contact SmallRig customer service.

Website: www.smallrig.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question