

MonoBright™

WIRELESS TRANSMITTER

USER MANUAL



G genaray™

MonoBright WIRELESS TRANSMITTER INTRODUCTION

Thank you for choosing Genaray.

The Genaray MB-WRT MonoBright Wireless Transmitter is a dedicated remote control for Genaray MonoBright LED lights. With the ability to use any of 99 channels, the transmitter operates at 2.4 GHz to provide up to 98' (30 m) of untethered freedom.

The MB-WRT Wireless Transmitter facilitates color temperature adjustment from 32–56 K (± 300 K) on Bi-Color units, as well as brightness adjustment from 100%–10% on any MonoBright model. You can even control color temperature or brightness on multiple units that are set at different values, making this a convenient tool for use in a sophisticated lighting setup. During the course of a shoot, use the transmitter to turn off your MonoBright, and the unit will retain your settings the next time you turn it on.

PRECAUTIONS



- Please read and follow these instructions and keep this manual in a safe place.
- Keep this product away from water and any flammable gases or liquids.
- Do not attempt to disassemble or repair this product.
- Always install AAA batteries of the same type and age. Do not combine different types or old and new batteries. This can cause the batteries to leak, overheat, or explode.
- Install the batteries in the proper orientation, as indicated by the markings in the battery compartment. Installing batteries in the reverse orientation can cause them to leak, overheat, or explode.
- Keep this product away from children.
- All photos are for illustrative purposes only.

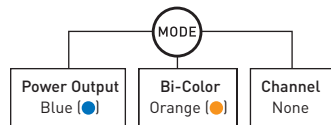
PRODUCT OVERVIEW

Power button

Minus (-) button

Mode button

Plus (+) button



Press the Mode button to cycle through the three modes. The status LEDs indicate the current mode.

TURNING ON THE TRANSMITTER AND SETTING THE CHANNEL

You can use the wireless transmitter to control your MonoBright unit remotely from a distance of up to 98' (30 m).

The transmitter lets you adjust power output and activate sleep mode. You can also use the transmitter to control multiple MonoBright units, even if they are set to different channels.

The wireless transmitter runs on two AAA batteries (available separately). Install the batteries in the proper orientation.

Before using the transmitter, make sure your MonoBright is turned on.


To turn on the transmitter, press the transmitter's power button.

To set the transmitter's channel, follow these steps:

1. Make sure the transmitter and the MonoBright are set to the same channel.
2. Press the transmitter's mode (Ⓜ) button repeatedly to cycle through the modes until the channel mode appears on the transmitter's display. In channel mode, neither of the transmitter's status indicators will glow.
3. Use the plus (+) and minus (-) buttons to select the channel.

For setting the MonoBright unit's channel, refer to your MonoBright's user manual.

ADJUSTING COLOR TEMPERATURE

You can use the transmitter to wirelessly adjust the color temperature of one or more MonoBright Bi-Color units from 3200–5600 K (± 300 K). When wirelessly adjusting multiple MonoBright Bi-Colors, you can change the color temperature uniformly or use the transmitter's  channel mode to adjust them simultaneously at separate color temperatures.

Note: The transmitter's bicolor mode works only on the MonoBright Bi-Color models and has no effect on daylight-only models.





Uniform Color Temperature:

You can use the transmitter to wirelessly adjust the color temperature of one or more MonoBright Bi-Color units, setting them to the same color temperature.

To adjust the color temperature via the transmitter, follow these steps:

1. Make sure the transmitter and the MonoBright are set to the same channel.

Note: The MonoBright's color temperature setting will appear on the control panel's display only if the MonoBright's control panel is set to color temperature mode.

2. Press the transmitter's mode () button repeatedly to cycle through the modes until the transmitter's orange () status LED glows to indicate color temperature mode.
3. Use the transmitter's plus () and minus () buttons to adjust the MonoBright's color temperature.

Multiple Color Temperatures:

You can set multiple MonoBright Bi-Color units at varied color temperatures to create a visual palette with tones and shadings of light and color. Doing this can add nuance and enhance the mood of your imagery, even when shooting in black and white.

When using multiple MonoBright Bi-Color units at different color temperature settings, you can adjust them incrementally with a single transmitter while maintaining the difference in their color temperatures. For example, you can set one MonoBright at 32 and another at 42, and use the transmitter to adjust them to 33 and 43, 34 and 44, and so on.


To set the color temperatures:

1. Set each MonoBright unit to a different channel. You can do this via their control panels.
2. Adjust each MonoBright to the desired color temperature via their control panels. You can also use the transmitter to set the color temperature on each MonoBright unit to the desired setting:
 - a. Press the transmitter's mode (Ⓜ) button repeatedly to cycle through the modes until the channel mode appears on the transmitter's display. In channel mode, neither of the transmitter's status indicators will glow. Use the plus (+) and minus (-) buttons to select the channel that corresponds to the desired MonoBright unit.

Note: The MonoBright's color temperature setting will appear on the control panel's display only if the MonoBright's control panel is set to color temperature mode.

- b. Press the transmitter's mode (Ⓜ) button repeatedly to cycle through the modes until the transmitter's orange (●) status LED glows to indicate color temperature mode. Use the transmitter's plus (+) and minus (−) buttons to adjust the MonoBright's color temperature.
3. Set the transmitter's channel to 00 and firmly press the transmitter's power button to confirm.
4. Press the transmitter's mode (Ⓜ) button repeatedly to cycle through the modes until the transmitter's orange (●) status LED glows to indicate color temperature mode. Use the transmitter's plus (+) and minus (−) buttons to adjust the MonoBrights' color temperatures. The MonoBright units' color temperatures will change incrementally while maintaining different color temperatures. When controlling multiple color temperatures, 00 will appear on the transmitter's display in all modes.





WIRELESSLY ADJUSTING POWER OUTPUT


The transmitter can wirelessly adjust multiple MonoBrights to change them all to the same output. It also has a special  channel mode for adjusting the MonoBrights while they maintain separate outputs.

Uniform Power Output:

You can use the transmitter to wirelessly adjust the power output of one or more Genaray MonoBright units, setting them to the same output. To adjust the power output via the transmitter, follow these steps:

1. If you are using multiple MonoBright units, make sure they and the transmitter are all set to the same channel.

2. Press the transmitter's mode () button repeatedly to cycle through the modes until the transmitter's blue () status LED glows to indicate output mode.
3. Use the transmitter's plus () and minus () buttons to adjust the MonoBright's output.

Note: When adjusting the output on multiple MonoBright units that are set to the same channel but are set to different output levels, the output settings on both units will jump to match the transmitter's output setting. For example, if one unit is set to 30, another is set to 50, and the transmitter is set to 40, pressing the plus () button on the transmitter will equalize both units at an output of 41.

Multiple Power Outputs:

You can create a sophisticated lighting setup by positioning MonoBright units individually or in groups to function as main, fill, accent, and other lights. Setting the units at different power outputs to achieve specific looks affords a professional level of creative control.

When using multiple MonoBright units at different output settings, you can adjust them incrementally with a single transmitter while maintaining the difference in their outputs. For example, you can set one MonoBright at 10 and another at 20, and use the transmitter to adjust them to 11 and 21, 12 and 22, and so on.

To adjust the power output via the transmitter, follow these steps:

1. Set each MonoBright unit to a different channel. You can do this via their control panels.
2. Adjust each MonoBright to the desired power output via their control panels. You can also use the transmitter to set the output on each MonoBright unit to the desired setting:
 - a. Press the transmitter's mode (MODE) button repeatedly to cycle through the modes until the channel mode appears on the transmitter's display. In channel mode, neither of the transmitter's status indicators

- will glow. Use the plus (+) and minus (-) buttons to select the channel that corresponds to the desired MonoBright unit.
- b. Press the transmitter's mode (M) button repeatedly to cycle through the modes until the transmitter's blue (●) status LED glows to indicate output mode. Use the transmitter's plus (+) and minus (-) buttons to adjust the MonoBright's output.
 - c. Repeat steps 2a and 2b for the other MonoBright units in your lighting setup.
3. Set the transmitter's channel to 00 and firmly press the transmitter's power (P) button to confirm.
 4. Press the transmitter's mode (M) button repeatedly to cycle through the modes until the transmitter's blue (●) status LED glows to indicate output mode. Use the transmitter's plus (+) and minus (-) buttons to adjust output. The MonoBright units' outputs will change incrementally while maintaining different outputs. When controlling multiple outputs, 00 will appear on the transmitter's LED display in all modes.

SLEEP MODE

MonoBright:

The MonoBright incorporates a sleep mode that is activated by the transmitter.

To activate the MonoBright's sleep mode, press and hold the transmitter's power (Ⓢ) button in output mode until the MonoBright's LED turns off and "OF" appears on the displays of both the MonoBright and the transmitter.

Tip: You can also do this in **DD** channel mode to simultaneously activate sleep mode on all your MonoBright units. In **DD** mode, **DD** will remain on the transmitter's display, rather than **OF**.

To reactivate the MonoBright, press the transmitter's power (Ⓢ) button. The MonoBright's LED will turn on, and the power output will appear on the displays of both the MonoBright and the transmitter.

Note: If you turn off the MonoBright via its power switch without exiting sleep mode, the unit will automatically enter sleep mode the next time you turn it on.

Transmitter:

The transmitter automatically enters sleep mode after 15 seconds of inactivity. Press the power (Ⓢ) button to reactivate the transmitter.

PRODUCT SPECIFICATIONS

Frequency: 2.4 GHz

Working distance: 98' (30 m)

Functions: On/off, dimming, channel
selection, color temperature
selection

Power: Two AAA batteries (not included)

Dimensions (H × W × D): 3.4" × 1.8" × 1"
(8.6 × 4.5 × 2.54 cm)

Weight:

With batteries: 2.5 oz. (72 g)

Without batteries: 1.7 oz. (49 g)

FCC STATEMENT

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

ONE-YEAR LIMITED WARRANTY

This Genaray product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. Genaray's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at Genaray's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by Genaray. If the product has been discontinued, Genaray reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, GENARAY MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Genaray Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Genaray along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information, or to arrange service, visit www.genaray.com or contact us at info@genaray.com.