

RGB SERIES

# PX-MOD-3

MODULAR RGB PIXEL PANEL

## USER MANUAL



**G** genaray®

## THANK YOU FOR CHOOSING GENARAY

Genaray's PX-MOD-3 is a versatile RGB LED pixel panel that's loaded with CCT and RGB functionality as well as cinematic and pixel effects. Control hue, saturation, and intensity on the panel or remotely so you can dial up any color imaginable. Five operating modes let you accurately set color temperature, manually select colors from the 360° color wheel, or choose between 48 standard gels. The PX-MOD-3 also features ten animated effects and seven pixel effects that will add realism, drama, or fun to your photos, videos, or live events. Add up to 16 PX-MOD-3 lights together for stunning synchronized pixel effects.

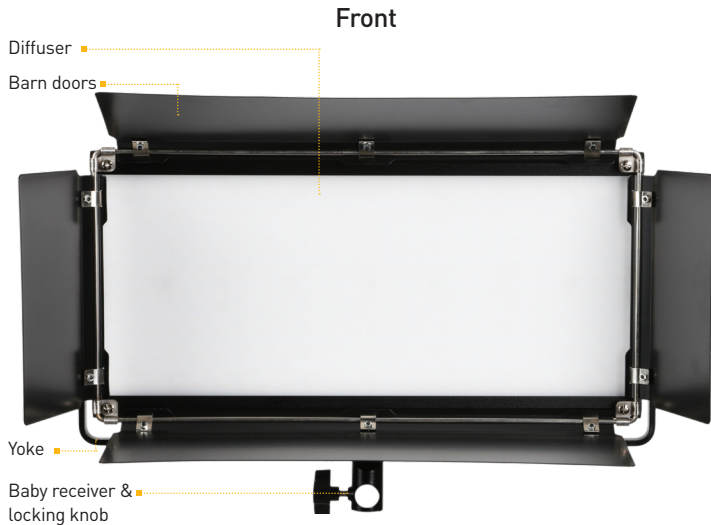
This LED panel features an array of 384 AW and 192 RGB LEDs that produce a wide 120° beam of color-accurate light that can be shaped and controlled with the included four-way barndoors. Bluetooth support pairs with Genaray's RGB Series mobile app, which provides access to even more powerful features. Use the app to create a universe of RGB-series lights that can be controlled from a smartphone or tablet from up to 33 feet away.

## PRECAUTIONS



- Please read and follow these instructions and keep this manual in a safe place.
- Keep this product away from water and flammable gases or liquids.
- Use only the correct, recommended voltage.
- Do not attempt to disassemble or repair this product.
- Clean this product with only a soft, dry cloth.
- Do not overtighten any of the threaded fittings.
- All images are for illustrative purposes only.

PRODUCT  
OVERVIEW



## Back

NP-F battery slots

OLED display  
Control panel

Tilt adjustment knob

Power switch

Power input socket



## Interface

- Group number
- Mode indicator
- Light number
- Battery indicator



- Function buttons
- Mode button
- Adjustment dial

## CONTENTS INCLUDE

- Power Supply
- Yoke
- Four-way barndoors
- User Manual
- Carry Case

## MOUNTING THE LIGHT

### LIGHT STAND MOUNTING

1. Loosen the yoke's baby receiver locking knob.
2. Place the receiver onto a light stand's baby pin.
3. Securely tighten the locking knob.



## BARNDOORS

Barndoors control the direction and intensity of the light's beam. Use them to narrow or widen the beam and control light spill.

The PX-MOD-3 comes with the four-way barndoors attached.

To remove the barndoors, unscrew the four corner screws and remove the barndoors from the light.

To replace the barndoors, loosely hand-thread all four screws before you securely tighten them with a screwdriver.



## POWERING THE LIGHT

The PX-MOD-3 can be powered directly from an AC outlet or with two NP-F batteries.

### USING AC POWER

Connect the AC power adapter to the PX-MOD-3 with the included AC adapter and plug the power cable into an outlet.

To turn on the fixture, flip the power switch to the DC position (I).

### USING THE PX-MOD-3 WITH BATTERY POWER

The PX-MOD-3 can be powered by two NP-F batteries.

#### **Important!**

Two NP-F batteries must be attached to the PX-MOD-3 to power the light.

When attaching batteries, make sure the power switch is in the Off position and the fixture is not plugged into a wall outlet.

## Installing NP-F Batteries

Align the batteries with the terminals in the battery plates. Place the batteries down into the plates and slide them toward the terminals until secure.

To turn on the fixture, flip the power switch to the BATT. position (II).

The battery status indicator on the LCD screen displays the remaining battery power.



## MODE SELECTION

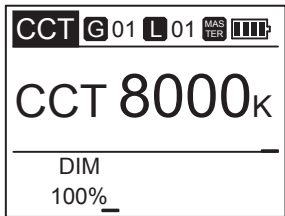
All the operating modes that are described below can be accessed by repeatedly pressing the light's Mode button or via the Genaray RGB Series app. The instructions below explain how to operate and edit the modes from the light's control panel. For more information about the Genaray RGB Series App, see *Operating Via the RGB Series App* below.

To select a mode, repeatedly press the Mode button to scroll through the available operation modes. Once the mode is selected the mode will activate.

### Note

Each mode will open with the most recently used settings.

## CCT MODE



**CCT:** Adjusts the color temperature from 2800 to 8000 K in 50 K increments.

A slider along the bottom of the screen will graphically display the color temperature. Icons light up to indicate standard color temperature settings. When the CCT slider is active, the 3 function buttons set the panel to 3200, 5600, and 8000 K, respectively.

**Tungsten Bulb:** 3100-3300 K

**Fluorescent Bulb:** 3900-4100 K

**Sunlight:** 5500-5700 K

**Overcast Sky:** 6400-6600 K

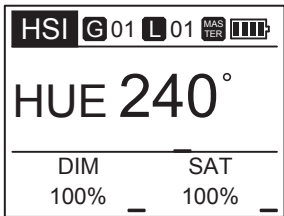
**Shade:** 7400-7600 K

**Snowy Day:** 7900-8000 K

**DIM:** Adjusts the brightness from 0% to 100% in 1% increments. When the DIM slider is active, the 3 function buttons set the brightness to 20%, 50%, and 80%, respectively.

Press the function button to switch between CCT and DIM.

## HSI MODE



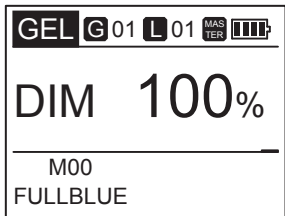
**HUE:** Adjusts the hue from 0° to 359° on the color wheel. When the HUE slider is active, the 3 function buttons set the panel to Red (0°), Green (120°), and Blue (240°), respectively.

**SAT:** Adjusts the hue saturation from 0% to 100% in 1% increments. When the SAT slider is active, the 3 function buttons set the saturation to 20%, 50%, and 80%, respectively.

**DIM:** Adjusts the brightness from 0% to 100% in 1% increments. When the DIM slider is active, the 3 function buttons set the brightness to 20%, 50%, and 80%, respectively.

Press the appropriate function button to switch between HUE, SAT, and DIM.

## GEL MODE



**GEL:** Select one of the 48 standard colored gels.

**DIM:** Adjusts the brightness from 0% to 100% in 1% increments. When the DIM slider is active, the 3 function buttons set the brightness to 20%, 50%, and 80%, respectively.

Press the appropriate function button to switch between the gel displayed on screen and DIM.

## LIST OF GELS

M00. Full Blue

M01. 3/4 Blue

M02. 1/2 Blue

M03. 1/3 Blue

M04. 1/4 Blue

M05. 1/8 Blue

M06. Full Orange

M07. 3/4 Orange

M08. 1/2 Orange

M09. 1/4 Orange

M10. 1/8 Orange

M11. Full Straw

M12. 1/2 Straw

M13. 1/4 Straw

M14. 1/8 Straw

M15. 15 Blue

M16. 30 Blue

M17. 60 Blue

M18. 90 Blue

M19. 07 Cyan

M20. 15 Cyan

M21. 30 Cyan

M22. 60 Cyan

M23. 90 Cyan

M24. 15 Green

M25. 30 Green

M26. 60 Green

M27. 90 Green

M28. 15 Yellow

M29. 30 Yellow

M30. 60 Yellow

M31. 90 Yellow

M32. 15 Red

M33. 30 Red

M34. 60 Red

M35. 90 Red

M36. 15 Magenta

M37. 30 Magenta

M38. 60 Magenta

M39. 90 Magenta

M40. 15 Pink

M41. 30 Pink

M42. 60 Pink

M43. 90 Pink

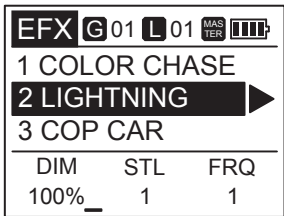
M44. 15 Lavender

M45. 30 Lavender

M46. 60 Lavender

M47. 90 Lavender

## EFFECTS MODE



Ten animated lighting effects are preloaded into the light and can be accessed from the control panel or the Genaray RGB Series app. To select an effect from the control panel follow these steps:

1. Press the Mode button repeatedly until EFX mode shows onscreen. EFX mode will open with the most recently used effect and settings.
2. Turn the adjustment dial to select one of the 10 lighting effects. Press the adjustment dial to play the effect. Press the dial again to pause the effect.
3. Press the function button underneath the parameter you want to adjust. The effect will stop playing while you adjust the values. The parameter's value, or the options within the parameter, will appear in the center of the screen.
4. Set the value. After two seconds, the effect will switch back to the center of the screen.
5. Press the adjustment dial to play the effect again.

## DESCRIPTION OF EFFECTS

**COLOR CHASE:** Scrolls through the color wheel in 7 steps on a continuous loop.

**DIM (Intensity):** From 0% to 100%  
(default: 100%)

**VAR (Variety):** From 3 to 10 (default: 7)

**SPD (Speed):** From 1 to 10 (default: 5)

**LIGHTNING:** Simulates lightning with short bursts of white light.

**DIM (Intensity):** From 0% to 100%  
(default: 100%)

**STL (Style):** 1, 2, or 3 (default: 1)

**FRQ (Frequency):** From 1 to 10  
(default: 5)

**COP CAR:** Simulates the flashing lights of an emergency vehicle with alternating flashing red, blue, and white lights.

**DIM (Intensity):** From 0% to 100%  
(default: 100%)

**STL (Style):** 1. Blue+Red, 2. Blue+White 3. Blue+Red+White (default: 3)

**PTTN (Pattern):** 1. Single flash, 2. Double flash, 3. Triple flash (default: 2)

**PAPARAZZI:** Simulates multiple camera flashes with short bursts of white light with varying lengths.

**DIM (Intensity):** From 0% to 100%  
(default: 100%)

**STL (Style):** 1. Modern flash, 2. Flash bulb (default: 1)

**FRQ (Frequency):** From 1 to 10  
(default: 5)

**STROBE:** Constant flashing white light with equal intervals of light and dark.

**DIM (Intensity):** From 0% to 100% (default)

**CCT (Color Temperature):** From 2800 to 8000 K (default: 8000 K)

**FRQ (Frequency):** From 1 to 10 (default: 5)

**FIREWORKS:** Simulates the effect of fireworks with pulses of color or white light.

**DIM (Intensity):** From 0% to 100% (default)

**COMB (Combination):** 1. Colors, 2. White, 3. Colors + White (default: 3)

**SPD (Speed):** From 1 to 10 (default: 5)

**PULSING:** A steady pulse of white light that fades on and off.

**DIM (Intensity):** From 0% to 100% (default)

**CCT (Color Temperature):** From 2800 to 8000 K (default: 5600 K)

**TIME:** 0.5 to 4.0 seconds in 0.5 second increments (default: 1.0 seconds)

**EXPLOSION:** Simulates the light from explosions with bursts of light that flash on and fade off.

**DIM (Intensity):** From 0% to 100% (default)

**CCT (Color Temperature):** From 2800 to 8000 K (default: 2800 K)

**DECAY:** From 0.5 to 4.0 seconds in 0.5 second increments (default: 1.0 seconds)

**TELEVISION:** Simulates the glow from a television with a constant light and random color temperature changes.

**DIM (Intensity):** From 0% to 100% (default)

**RANG (CCT Range):** 1. 2800 to 4500 K, 2. 4500 to 6200 K, 3. 6200 to 8000 K (default: 3)

**SPD (Speed):** From 1 to 10 (default: 5)

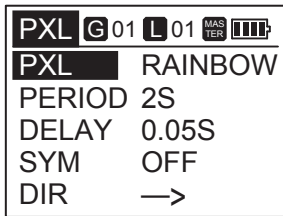
**FIRE:** Simulates the light of a campfire or fireplace with a constant light that randomly fades between a set range of warm color temperatures.

**DIM (Intensity):** From 0% to 100% (default)

**RANG (CCT Range):** 1. 2800 to 3000 K, 2. 3000 to 3200 K (default: 1)

**SPD (Speed):** From 1 to 10 (default: 5)

## PIXEL MODE



PIXL mode uses the full RGB capabilities of the light and allows you to adjust pixels in the light's sixteen zones independently of each other.

Seven animated pixel effects can be accessed from the light's side panel and via the Genaray RGB Series app. Editable parameters vary with each effect.

## SELECTING A PIXEL EFFECT

1. Press the Mode button repeatedly until PXL mode shows onscreen. PXL mode will open with the most recently used effect and settings.
2. In Pixel mode press the adjustment dial to highlight the effect name.
3. Turn the adjustment dial to scroll to the desired effect.

## EDITING A PIXEL EFFECT

1. Press the adjustment dial to deselect the effect name and turn the adjustment dial to scroll through the parameters.
2. Press the adjustment dial to highlight the parameter you want to edit. Turn the adjustment dial to change that parameter setting.
3. Press the adjustment dial to save the setting and deselect the parameter. The PX-MOD-3 will play the pixel effect with the new parameter value.

## DESCRIPTION OF PIXEL EFFECTS

**RAINBOW:** Cycles through all the colors of the 360° color wheel on a continuous loop.

**PERIOD:** Sets the length of a single loop from 0.5 to 20 seconds.

**DELAY:** Sets the amount of time each pixel holds a selected color from 0.02 to 2 seconds.

**SYM (Symmetry):** OFF sets the progression of color through the eight pixels in a circular pattern. ON sets the progression of color in rows that move across the panel.

**DIR (Direction):** Sets the direction of the color progression. With SYM OFF: counterclockwise or clockwise. With SYM ON: left or right.

**DIM (Intensity):** Adjusts the brightness from 0% to 100% in 1% increments.

**TRANS:** Transitions between two defined colors on a continuous loop.

**CLR (Color) 1:** Sets color 1 from 0° to 360°.

**CLR (Color) 2:** Sets color 2 from 0° to 360°.

**PERIOD:** Sets the amount of time it takes to cycle from color 1 to color 2 from 0.5 to 20 seconds.

**DELAY:** Sets the amount of time each pixel holds a selected color from 0.02 to 2 seconds.

**DIR (Direction):** Sets the direction of the color progression. With SYM OFF: counterclockwise or clockwise. With SYM ON: left or right.

**SYM (Symmetry):** OFF sets the progression of color through the eight pixels in a circular pattern. ON sets the

progression of color in rows that move across the panel.

**DIM (Intensity):** Adjusts the brightness from 0% to 100% in 1% increments.

**CYCLE:** Cycles between four colors on a continuous loop.

**CLR (Color) 1:** Sets color 1 from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**CLR (Color) 2:** Sets color 2 from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**CLR (Color) 3:** Sets color 3 from 0° to 360°, 2800 to 8000 K, and BLK (no color).\*

**CLR (Color) 4:** Sets color 4 from 0° to 360°, 2800 to 8000 K, and BLK (no color).\*

\*CLR 3 and CLR 4 can also be set to N/A — equivalent to BLK (no color)

**TIME:** Sets the amount of time each color is displayed in a pixel from 0.2 to 20 seconds.

**FADE:** Raise the percentage to increase the length of the fade between color changes. Lower the percentage to decrease the fade length.

**DIR (Direction):** Sets the direction of the color progression to clockwise or counterclockwise.

**DIM (Intensity):** Adjusts the brightness from 0% to 100% in 1% increments.

**RUNNING:** One color runs over a background color.

**RUN:** Sets the running color from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**RUN INT (Intensity):** Adjusts the brightness of the running color from 0% to 100% in 1% increments.

**BACK:** Sets the background color from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**BAK INT (Intensity):** Adjusts the brightness of the background color from 0% to 100% in 1% increments.

**SPEED:** Sets the speed of the running color from 1 to 10.

**LENGTH:** Sets the pixel length of the running color from 1 to 8.

**GRDNT (Gradient):** Gradates the running color into the background color. Select on or off.

**DIR (Direction):** Sets the direction of the running color to clockwise or counterclockwise.

**FLOW:** Four user-defined colors, CCT, or no color, flowing one at a time into the next.

**CLR (Color) 1:** Sets color 1 from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**CLR (Color) 2:** Sets color 2 from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**CLR (Color) 3:** Sets color 3 from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**CLR (Color) 4:** Sets color 4 from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**SPEED:** Sets the speed of the color change from 1 to 10.

**DIR (Direction):** Sets the direction of the color change to clockwise or counterclockwise.

**DIM (Intensity):** Adjusts the brightness from 0% to 100% in 1% increments.

**FLAME:** Simulates a fire or candlelight with one color over a background color.

**COLOR:** Sets the flame color from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**FLM INT (Intensity):** Adjusts the brightness of the flame from 0% to 100% in 1% increments.

**BACK:** Sets the background color from 0° to 360°, 2800 to 8000 K, and BLK (no color).

**BAK INT (Intensity):** Adjusts the brightness of the background from 0% to 100% in 1% increments.

**FRQ (Frequency):** Set the flame color frequency from 0.2 to 10 Hz.

**CCT TRANS:** Transitions between two selected color temperatures.

**CCT1:** Sets color temperature 1 from 2800 to 8000 K.

**DIM (Intensity):** Adjusts the brightness of CCT 1 from 0% to 100% in 1% increments.

**CCT2:** Sets color temperature 2 from 2800 to 8000 K.

**DIM (Intensity):** Adjusts the brightness of CCT2 from 0% to 100% in 1% increments.

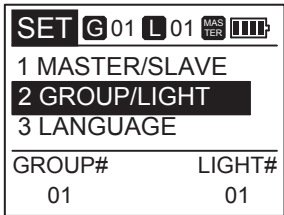
**PERIOD:** Sets the amount of time it takes to cycle from CCT1 to CCT2 from 0.5 to 20 seconds.

**DELAY:** Sets the amount of time each pixel holds a selected color from 0.02 to 2 seconds.

**SYM (Symmetry):** OFF sets the color progression through the eight pixels. ON sets the color progression in rows.

**DIR (Direction):** SYM OFF sets the transition direction counterclockwise or clockwise. SYM ON sets the transition direction left or right.

## THE SETTINGS MENU



The Settings menu features the light's global settings.

### 1. Master/Slave:

Designates the light as a master or slave in a multi-light setup. Select Master (default), None, or Slave. When master or slave are selected, an icon will appear onscreen.

### 2. Group/Light:

Use the appropriate function button to change the group and light number. Turn the adjustment dial to the desired number and press the function button again to accept the setting.

### 3. Language:

The language is preset to English.

### 4. Default:

Selecting YES restores the light's factory presets and default values.

### 5. Pixel Setting:

See *Multi-Light Setup for Pixel Mode* below.

### 6. Soft Ver:

Displays the PX-MOD-3 software version.

## GENARAY RGB SERIES APP

PX-MOD-3 lights can be controlled individually or as a group from the Genaray RGB Series app

The Genaray RGB Series app can control Genaray RGB-series lights from up to 33 feet away. The RGB Series app expands the PX-MOD-3's capabilities with a wider range of operating modes and editable parameters.

Download the app for iOS from Apple's App Store, or the Android app from the Google Play Store.

Visit [genaray.com](http://genaray.com) for a complete user manual.

App Store



Google Play



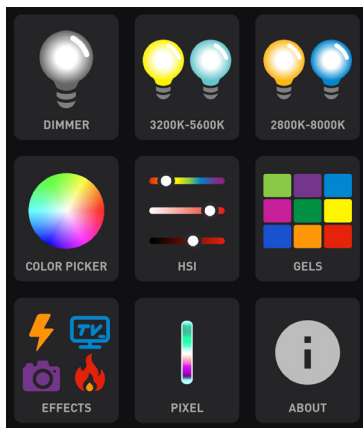
## OPERATING VIA THE RGB SERIES APP

### Important!

For the RGB Series app to work properly, the app and the light must be set to the same group and light numbers. To control lights that have been assigned different numbers in the same group, tap the Light button and select All.

See *The Settings Menu* above to set the groups and light number of the panel.

See the *Navigation* section of the RGB Series app manual to set group and light numbers in the app.



**Dimmer:** Sets the brightness of all connected RGB-series lights.

**3200–5600 K / 2800–8000 K:** Provides two options for adjusting the color temperature of all connected RGB-series lights set to the same group number. **3200–5600 K** offers a narrow range selection between tungsten and daylight color temperatures. **2800–8000 K** provides adjustment using the light's full color temperature range.

**Color Picker:** Displays an onscreen color wheel and cursor that allow you to manually select a color.

**HSI:** Displays three sliders that let you individually set the hue, saturation level, and intensity of each light, or all lights set to the same group.

**Gels:** Select one of 48 color gels for all lights set to the same group or each individually numbered light.

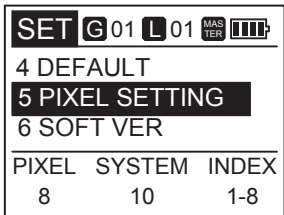
**Effects:** Select one of ten animated lighting effects. Each effect's parameters can be edited in the app. Set the parameters and press PLAY to begin playing the effect. STOP pauses the effect.

**Pixel:** Select one of the seven pixel effects. Each pixel effect's parameters can be edited in the app. PX-MOD-3 panels in multi-light setups must be set to the same group and light number as the app.

## MODULAR PIXEL SETUP

The PX-MOD-3 is designed to run in a multi-light setup with up to 320 pixels distributed among multiple panels.

The multi-light setup is designed for pixel effects to smoothly run on each consecutive panel in your system.



### CONFIGURING THE PANELS FOR A MODULAR PIXEL SETUP

The PX-MOD-3 multi-light setup is designed to be run by the Genaray RGB Series app.

1. Navigate to the Settings (SET) menu by repeatedly pressing the Mode button.
2. Scroll down to the Pixel Setting menu and set the three menu options.

**Pixel:** Select the number of pixels that the panel will display. Select 1, 2, 4, 8 (default), or 16.

**System:** Determined by the total number of pixels in a multi-light setup. Select Off (default – for using the panel as a single light), or any number of pixels in 2-pixel increments, up to 320 (for multi-light setups.)

Example: A multi-light system with 3 panels, each set to 8 pixels, would have a system size of 24 pixels

**Index:** Sets the panel's location in a multi-light system.

Pixels play in consecutive order from the lowest number to the highest. The index indicates the panel's starting and ending pixel number when the panels are triggered by the RGB Series app. The pixels will play in numerical order and repeat without pausing, for a continuous loop.

- N/A is the default value and should be selected when using the panel as a single light.

- Select the pixel numbers designated for the panel in a multi-light setup, and the order in which the panel plays the effect.

Example: If the number of pixels is set to 8, then your options are 1–8, 3–10, 5–12, 7–14, 9–16...up to a maximum of 320 pixels.

If the pixel number is set to 16, then your options are 1–16, 3–18, 5–20, 7–22, 9–24...up to a maximum of 320 pixels.

## Sample Configurations

### 3 panels all set to 8 pixels [24 pixels total]

Panel 1	Pixel: 8 System: 24 Index: 1-8
Panel 2	Pixel: 8 System: 24 Index: 9-16
Panel 3	Pixel: 8 System: 24 Index: 17-24

### 3 panels: 8 pixels, 4 pixels, 16 pixels [28 pixels total]

Panel 1	Pixel: 8 System: 28 Index: 1-8
Panel 2	Pixel: 4 System: 28 Index: 9-12
Panel 3	Pixel: 16 System: 28 Index: 13-28

Pressing the SYNC button on the RGB Series app will make the three panels play the effect one after the other and continue without a pause.

#### Note:

To run pixel effects smoothly, Genaray recommends that each panel in the setup has the same number of pixels. Panels with a higher number of pixels run slower than panels with fewer pixels.

## THREE-PANEL YOKE

The three-panel yoke is available separately. To attach three PX-MOD-3 panels to the yoke, follow the steps in the user manual that's included with yoke.



## PRODUCT SPECIFICATIONS

### LIGHT FIXTURE

**LED Chip Type:** RGBAW

**Beam Angle:** 120°

**Color Temperature:** 2800 to 8000 K

**Color Accuracy Standard:** CRI: 95.3  
TLCI: 99

**Cooling System:** Passive

**Dimming:** Yes, built-in dimmer  
0% to 100%

**Display:** OLED

**Included Filters:** Integrated diffuser

**Housing Material:** ABS Plastic

**Light Intensity (@1 m):** 1740 lx (120° at 5600 K)

**Number of LEDs:** 384 AW LEDs, 192 RGB LEDs

**Expected Lamp Life:** 50,000 hr.

**Dimensions (H × W × D):** 17 × 8 × 1.6 in.  
(43.2 × 20.3 × 4.1 cm)

**Weight:** 4.9 lb. (2.2 kg)

### CONNECTORS

**Power Input Connector:** NP-F battery (x2)

## MOUNTING

**Fixture Mount:** Integrated yoke with 5/8 in.  
(16 mm) stud

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## REMOTE OPERATION

**Remote Control Type:** Bluetooth

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**Mobile App Compatible:** Yes: iOS and Android

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**App Name:** Genaray RGB Series

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**Wireless Range :** 33 ft. (10 m)

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**Wireless Channels/Groups:** 99 channels,  
99 groups

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## POWER

**AC Input Power:** 100–240 V, 50/60 Hz

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**DC Input Power:** 15V  $\approx$  4.8A 72W

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**Power Source:** AC adapter, NP-F battery (×2)

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**Max Power Consumption:** 60 W

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## FCC DECLARATION OF CONFORMITY

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.

### FULL FCC DISCLAIMER

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
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important: Changes or modifications to this product not authorized by Genaray could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

## 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](http://www.genaray.com) or contact us at [info@genaray.com](mailto:info@genaray.com).

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