

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Minetom](#) /

› [Minetom BL-HW02 Outdoor RGB Christmas Laser Light Projector User Manual](#)

Minetom BL-HW02

Minetom BL-HW02 Outdoor RGB Christmas Laser Light Projector User Manual

Model: BL-HW02

1. INTRODUCTION

Thank you for purchasing the Minetom BL-HW02 Outdoor RGB Christmas Laser Light Projector. This device is designed to create dynamic and decorative light displays for various occasions, both indoors and outdoors. Featuring multiple color combinations, motion effects, and remote control operation, it offers a versatile lighting solution. Please read this manual thoroughly before use to ensure proper operation and safety.

2. SAFETY INFORMATION

- **Eye Safety:** Do not look directly into the laser light beam. Direct exposure to laser light can cause eye damage.
- **Power Source:** Ensure the power source matches the voltage requirements specified on the product label. Use only the provided power adapter.
- **Outdoor Use:** While the projector is IP65 waterproof, ensure the power adapter and connections are protected from water exposure.
- **Installation:** Install the projector securely to prevent it from falling or being dislodged by wind or other environmental factors.
- **Children and Pets:** Keep the device out of reach of children and pets to prevent accidental damage or injury.
- **Temperature:** Do not operate the device outside its specified temperature range (-30°F to 104°F).
- **Maintenance:** Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Minetom RGB Christmas Laser Light Projector
- RF Remote Control
- Ground Stake
- Round Base
- Power Adapter (with 16.4ft extension cord)
- User Manual (this document)

4. SETUP

4.1 Choosing an Installation Method

The projector offers three installation options: ground-mounted, wall-mounted, or placed on a flat surface.



Image: The Minetom laser light projector can be installed in three ways: wall-mounted, ground-mounted, or placed on a flat surface using the included accessories.

1. **Ground-Mounted:** Attach the ground stake to the projector. Insert the stake firmly into soft ground in your desired outdoor location.
2. **Wall-Mounted:** Attach the round base to the projector. Secure the base to a wall using appropriate screws (not included) for a stable installation.
3. **Placed on Plane:** Attach the round base to the projector. Place the projector on any stable, flat surface indoors or outdoors.

4.2 Power Connection

- Connect the projector to the provided power adapter.
- Use the 16.4ft extension cord to reach a suitable outdoor power outlet.
- Ensure all connections are secure and protected from moisture.
- Plug the power adapter into a grounded electrical outlet.

5. OPERATING INSTRUCTIONS

Once powered on, the projector will begin its default light show. Use the RF remote control to customize the display.

5.1 Remote Control Functions

The RF remote control allows you to manage various settings from a distance. Ensure 2*AAA batteries (not included) are installed in the remote.

RF Remote Control

Need 2*AAA Battery (Not Include)

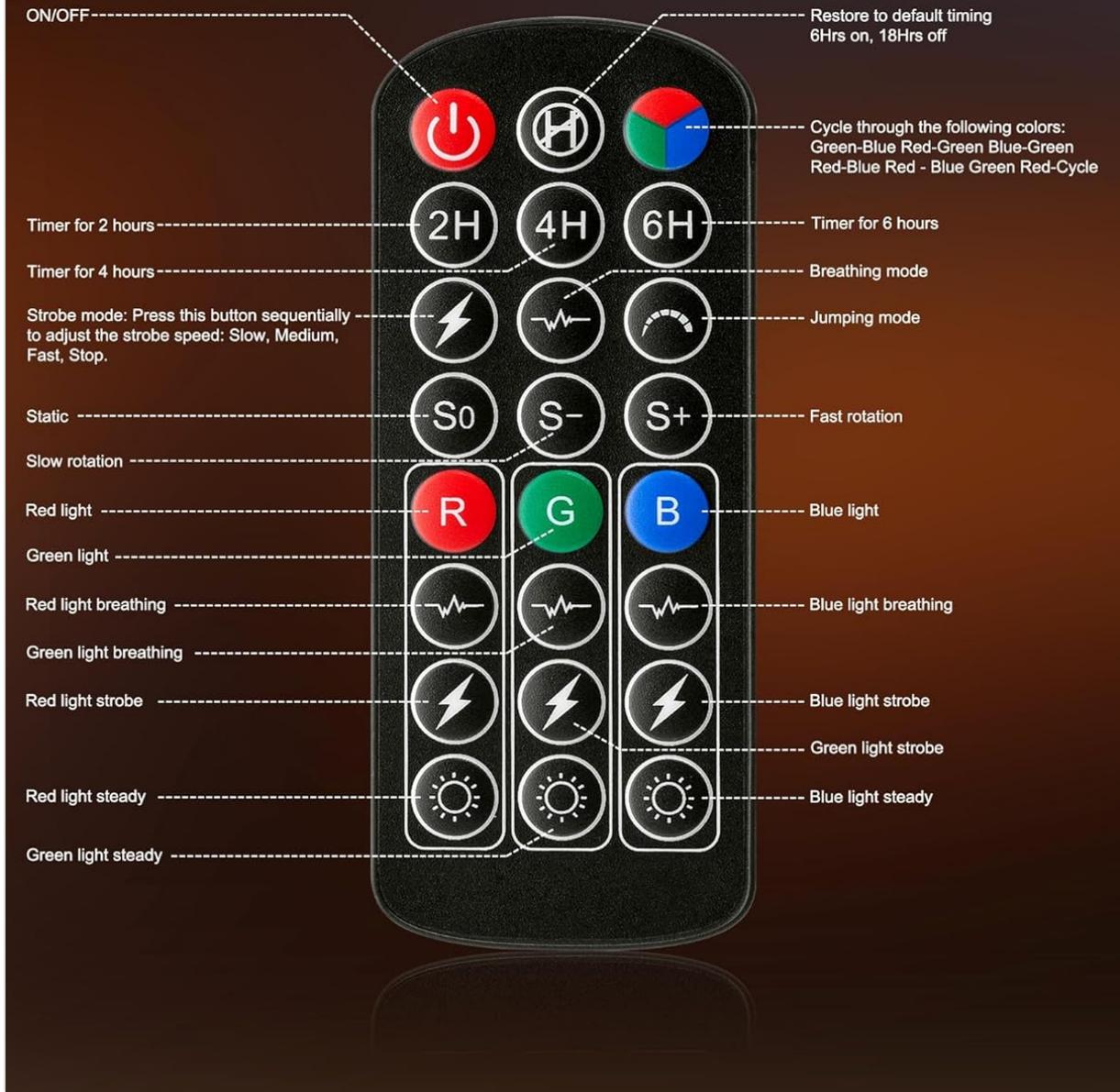


Image: RF Remote Control layout with functions for each button.

Remote Control Button Functions

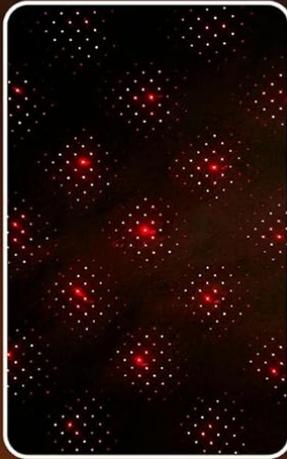
Button	Function
ON/OFF	Turns the projector on or off.
2H / 4H / 6H	Sets the timer for 2, 4, or 6 hours.
(H) Restore	Restores to default timing (6 hours on, 18 hours off).

Button	Function
Color Cycle	Cycles through Green, Blue, Red-Green, Blue-Green, Red-Blue, Red-Green-Blue, and Red-Green-Blue cycle.
Breathing Mode	Activates a slow fade-in/fade-out effect.
Jumping Mode	Activates a rapid color change effect.
S0 (Static)	Sets the light display to static (no motion).
S- / S+	Adjusts rotation speed (S- for slow, S+ for fast).
R / G / B	Selects Red, Green, or Blue light individually.
R/G/B Breathing	Activates breathing mode for individual Red, Green, or Blue colors.
R/G/B Strobe	Activates strobe mode for individual Red, Green, or Blue colors. Press sequentially to adjust speed (Slow, Medium, Fast, Stop).
R/G/B Steady	Sets individual Red, Green, or Blue colors to steady (non-flashing).

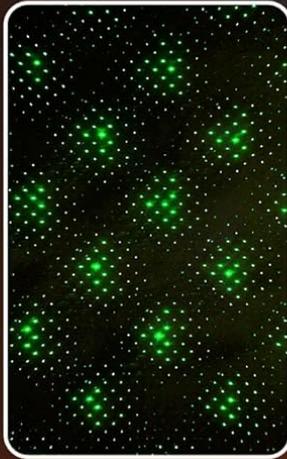
5.2 Color Combinations

The projector supports various color combinations to create diverse effects.

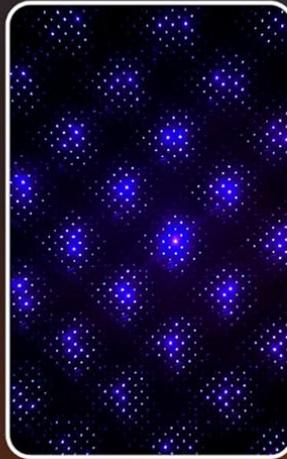
7 Color Combination



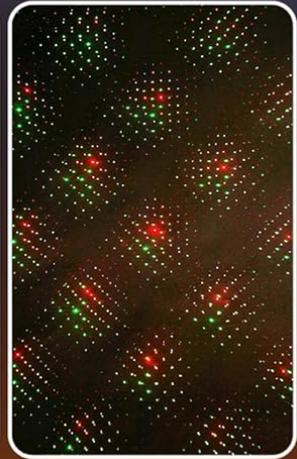
Red



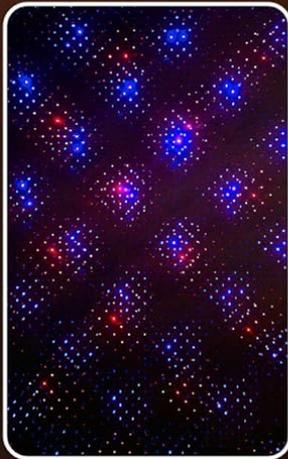
Green



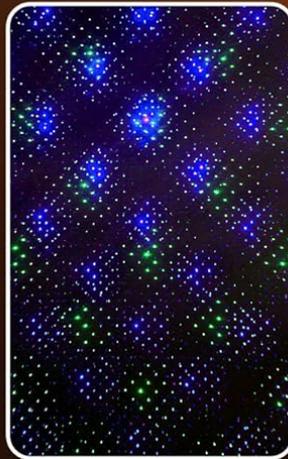
Blue



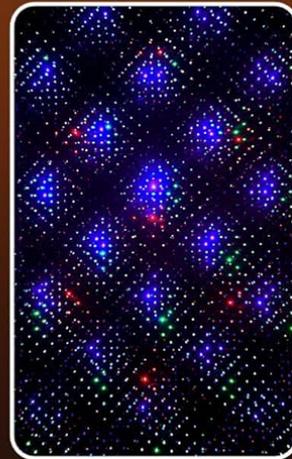
Red Green



Red Blue



Green Blue



Red Green Blue

Image: Examples of the 7 available color combinations.

- Red
- Green
- Blue
- Red Green
- Red Blue
- Green Blue
- Red Green Blue

6. IP65 WATERPROOF RATING

The projector body is designed with an IP65 waterproof rating, ensuring reliable performance in various weather conditions such as snow, rain, dust, and intense sunlight. It is cold-proof, operating effectively from -30°F to 104°F.

IP65 Waterproof

-30°F TO 104°F Coldproof



Image: The projector operating in rainy and snowy conditions, highlighting its IP65 waterproof and cold-proof features.

7. COVERAGE AREA

The projector can cover a significant area, illuminating indoor ceilings, walls, or outdoor walls, gardens, lawns, trees, and rooftops. From a distance of 32.8 feet, it can cover approximately 3229.17 square feet.

Outstanding Light Show for Christmas

The projector features built-in temperature protection operation

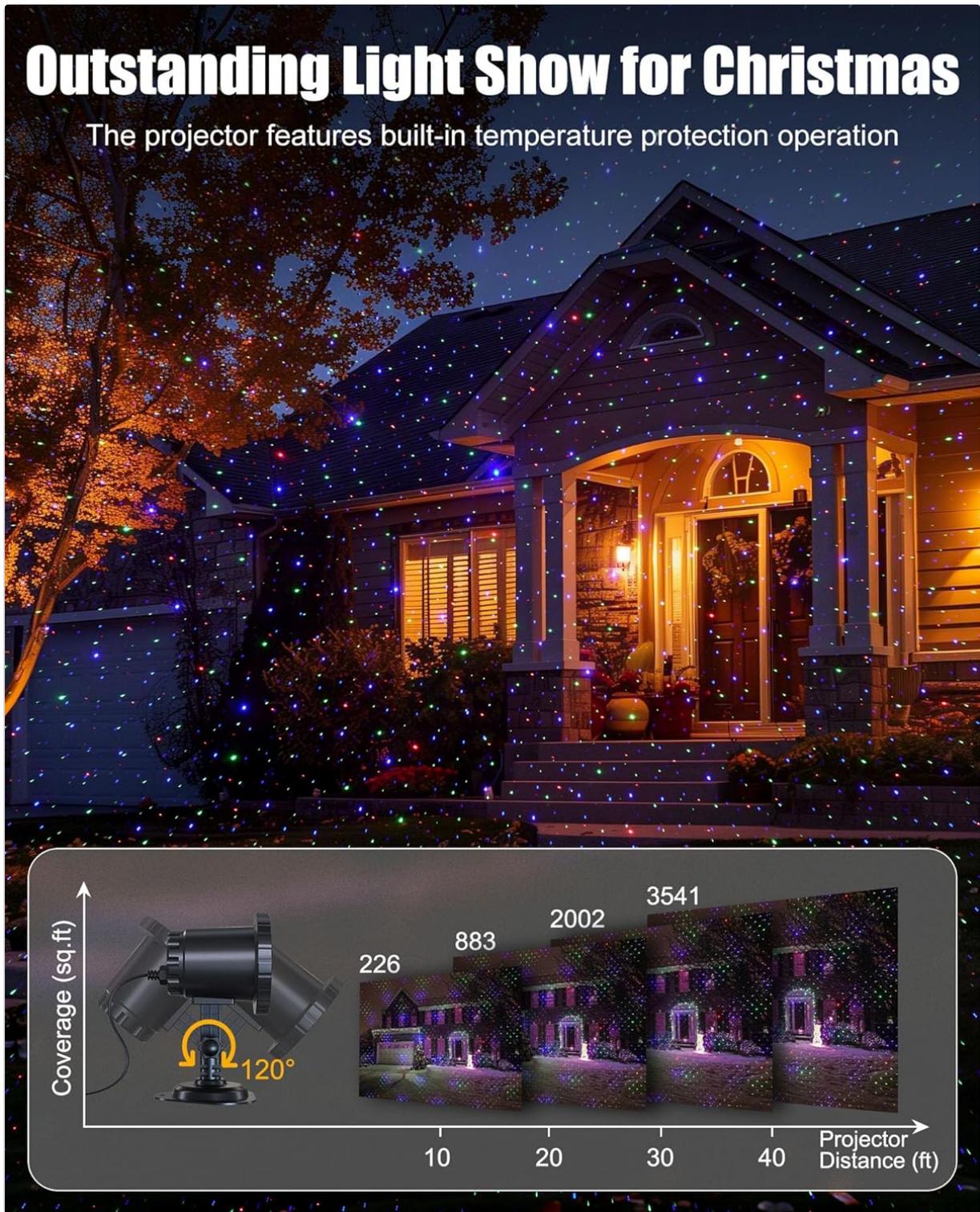


Image: Coverage area chart illustrating how the projected area expands with increased distance from the surface.

8. MAINTENANCE

- **Cleaning:** Gently wipe the projector lens and body with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically check the power cord and adapter for any signs of damage. Discontinue use if damage is found.

9. TROUBLESHOOTING

Common Issues and Solutions

Problem	Solution
Projector does not turn on.	<ul style="list-style-type: none">◦ Ensure the power adapter is securely plugged into a working outlet.◦ Check if the remote control batteries are correctly installed and not depleted.◦ Press the ON/OFF button on the remote.
Remote control is not responding.	<ul style="list-style-type: none">◦ Replace the remote control batteries (2*AAA, not included).◦ Ensure there are no obstructions between the remote and the projector.◦ Confirm you are within the remote's operating range.
Light output is dim or inconsistent.	<ul style="list-style-type: none">◦ Clean the projector lens if it appears dirty.◦ Ensure the projector is not operating in extreme temperatures outside its specified range.
Multiple projectors interfere with each other.	<ul style="list-style-type: none">◦ This can occur with multiple RF remote-controlled devices. Try to operate one projector at a time, or position them further apart.

10. SPECIFICATIONS

Feature	Detail
Model Number	BL-HW02
Brand	Minetom
Color	Red Green Blue
Material	Plastic
Finish Type	Projector
Light Source Type	Light Emitting Diode
Power Source	Corded Electric
Mounting Type	Floor Mount, Wall Mount
Product Dimensions	2.75"L x 2.75"W x 11.02"H
Item Weight	14 ounces
Beam Angle	120 Degrees
Waterproof Rating	IP65
Operating Temperature	-30°F to 104°F

Feature	Detail
Coverage Area (approx.)	3229.17 sq ft at 32.8 ft distance

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided at the point of purchase or visit the official Minetom website. Keep your purchase receipt as proof of purchase.