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> SUNFUCAN Laser Christmas Projector Lights Outdoor Instruction Manual - Model MODX01RG

SUNFUCAN MODX01RG

SUNFUCAN Laser Christmas Projector Lights Outdoor Instruction Manual

Model: MODX01RG | Brand: SUNFUCAN

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your SUNFUCAN Laser Christmas Projector Lights Outdoor, Model MODX01RG. This device is designed to project red and green star patterns, suitable for enhancing outdoor and indoor environments for holidays, parties, and general decoration. Please read this manual thoroughly before installation and operation.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Projector light (1)
- Steering Bracket (1)
- Screw (1)
- Bracket (1)
- AC Adapter (1)
- Remote Control (1)
- Base (1)
- Instruction Manual (1)

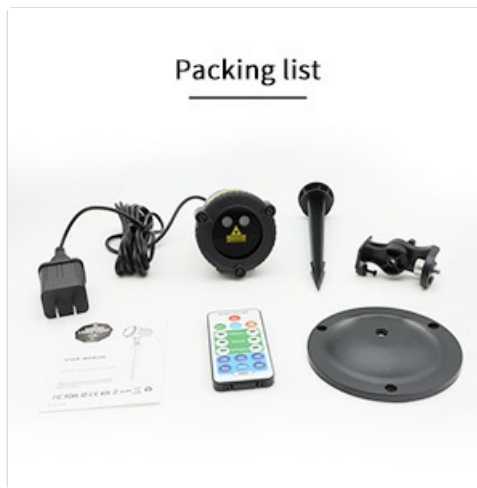


Image: All components included in the package, such as the projector unit, remote control, power adapter, ground stake, and indoor base.

SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage to the product:

- **Laser Safety:** This product emits laser light. Avoid direct eye exposure to the laser beam. Do not stare into the light source.
- **Installation:** Ensure the projector is securely mounted to prevent it from falling. When using the ground stake, ensure it is firmly inserted into stable ground.
- **Electrical Safety:** Use only the provided AC adapter. Do not modify the power cord or plug. Keep electrical connections dry and protected from moisture.
- **Placement:** Position the projector so that the laser beams do not directly shine into public roads, aircraft flight paths, or neighboring properties in a manner that could cause distraction or hazard.
- **Temperature:** Do not operate the device outside its specified temperature range.
- **Children and Pets:** Keep the device out of reach of children and pets to prevent accidental exposure to the laser or damage to the unit.

SETUP AND INSTALLATION

Mounting Options

Your projector comes with two mounting options: an outdoor ground stake and an indoor base.

- **Outdoor Installation:** Attach the steering bracket to the projector. Securely screw the ground stake into the steering bracket. Insert the ground stake firmly into the soil in your desired outdoor location.
- **Indoor Installation:** Attach the steering bracket to the projector. Securely screw the indoor base onto the steering bracket. Place the projector on a flat, stable surface indoors.



Image: The projector is shown with its ground stake, highlighting its IP65 waterproof design for outdoor use in various weather conditions.

Placement and Coverage

Optimal projection distance and coverage area vary based on ambient light conditions. Refer to the table below for guidance:

Distance to Surface	Coverage Area
10 feet	226 sq.ft
15 feet	506 sq.ft
20 feet	883 sq.ft
25 feet	1378 sq.ft
30 feet	2002 sq.ft
35 feet	2680 sq.ft
40 feet	3541 sq.ft

For best results, install the projector in a darker area. In brighter environments, the projected pattern may be less visible.

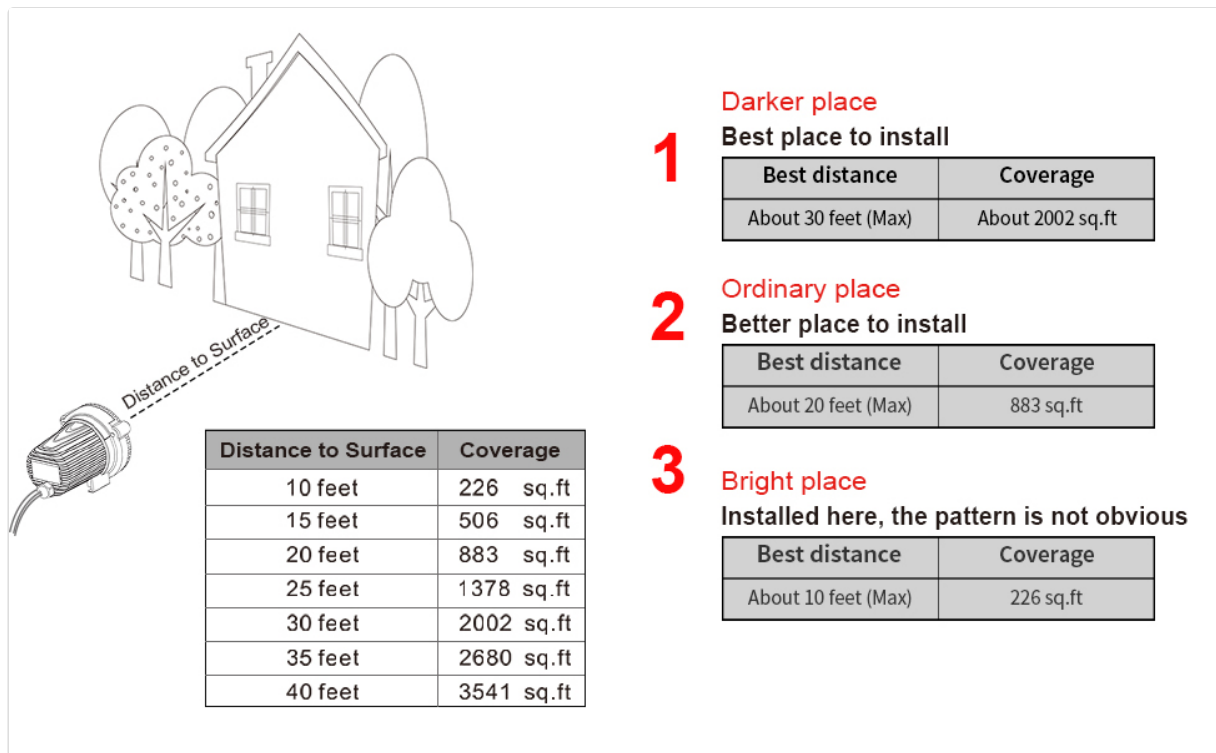


Image: This diagram provides recommended installation distances and corresponding coverage areas for the projector, optimized for various lighting conditions.

OPERATING INSTRUCTIONS

Powering On/Off

Connect the AC adapter to the projector and then plug it into a standard electrical outlet. The projector will power on automatically. To turn off, unplug the device or use the remote control's power button.

Remote Control Functions

The included RF remote control allows for convenient operation of the projector. Ensure the remote has a working CR2032 battery (included).

- **Power Button:** Turns the projector on or off.
- **Color Selection:** Choose between Red, Green, or Red & Green combined.
- **Rotation Speed:** Adjust the speed of the rotating patterns.
- **Flash Frequency:** Control the blinking speed of the lights.
- **Static/Dynamic:** Switch between static (still) and dynamic (moving) light patterns.
- **Timer Settings:** Set the projector to automatically turn off after 2, 3, 4, 5, or 6 hours. The projector must remain powered on for the timer function to cycle automatically.



Image: The SUNFUCAN laser projector is shown projecting red and green star patterns onto the front of a house and the surrounding lawn, illustrating its outdoor use and the effects achievable.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector.

- **Cleaning:** Ensure the projector is unplugged before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use abrasive cleaners or solvents. Gently clean the lens with a microfiber cloth if dust accumulates.
- **Storage:** When not in use, especially during off-seasons, store the projector in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Regularly inspect the power cord for any signs of damage. Do not use the projector if the cord is frayed or damaged.

TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common problems and solutions:

- **No Light Output:**

- Ensure the power adapter is securely plugged into both the projector and a working electrical outlet.
 - Check if the power outlet is functional by plugging in another device.
 - Press the power button on the remote control or directly on the unit if available.
- **Remote Control Not Working:**
 - Verify that the remote control's battery (CR2032) is correctly installed and not depleted. Replace if necessary.
 - Ensure there are no obstructions between the remote and the projector's sensor.
 - The remote uses RF technology, so direct line of sight is not strictly required, but extreme distances or heavy interference can affect performance.
- **Lights Appear Dim or Faint:**
 - The visibility of the laser lights is highly dependent on ambient light. Operate the projector in darker conditions for best results.
 - Ensure the projection surface is not too far from the projector (refer to Placement and Coverage section).
 - Clean the projector lens if it appears dirty.
- **Projector Not Responding to Timer:**
 - The timer function requires the projector to remain powered on. If power is interrupted, the timer may reset.

SPECIFICATIONS

Feature	Detail
Brand	SUNFUCAN
Model Name	MODX01RG
Color	Stars Red Green
Material	Aluminum
Product Dimensions	2.52"L x 2.52"W x 3.15"H
Item Weight	8.5 ounces (0.53 Pounds)
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Special Features	Waterproof (IP65), Cold Resistant, Remote Controlled
Control Method	Remote
Light Source Type	LED
Voltage	3 Volts
Brightness	200 lumen
Batteries (Remote)	1 CR2032 battery required (included)

WARRANTY AND SUPPORT

Warranty Information

This product is covered by a 90-day limited warranty and service. Terms and conditions apply. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact SUNFUCAN customer support through the retailer's platform or the manufacturer's official contact channels.

ADDITIONAL VISUALS

Here are additional images demonstrating the product's features and applications:



Image: This image demonstrates the projector's ability to cast a festive light show on various surfaces, including buildings with dense foliage like ivy.

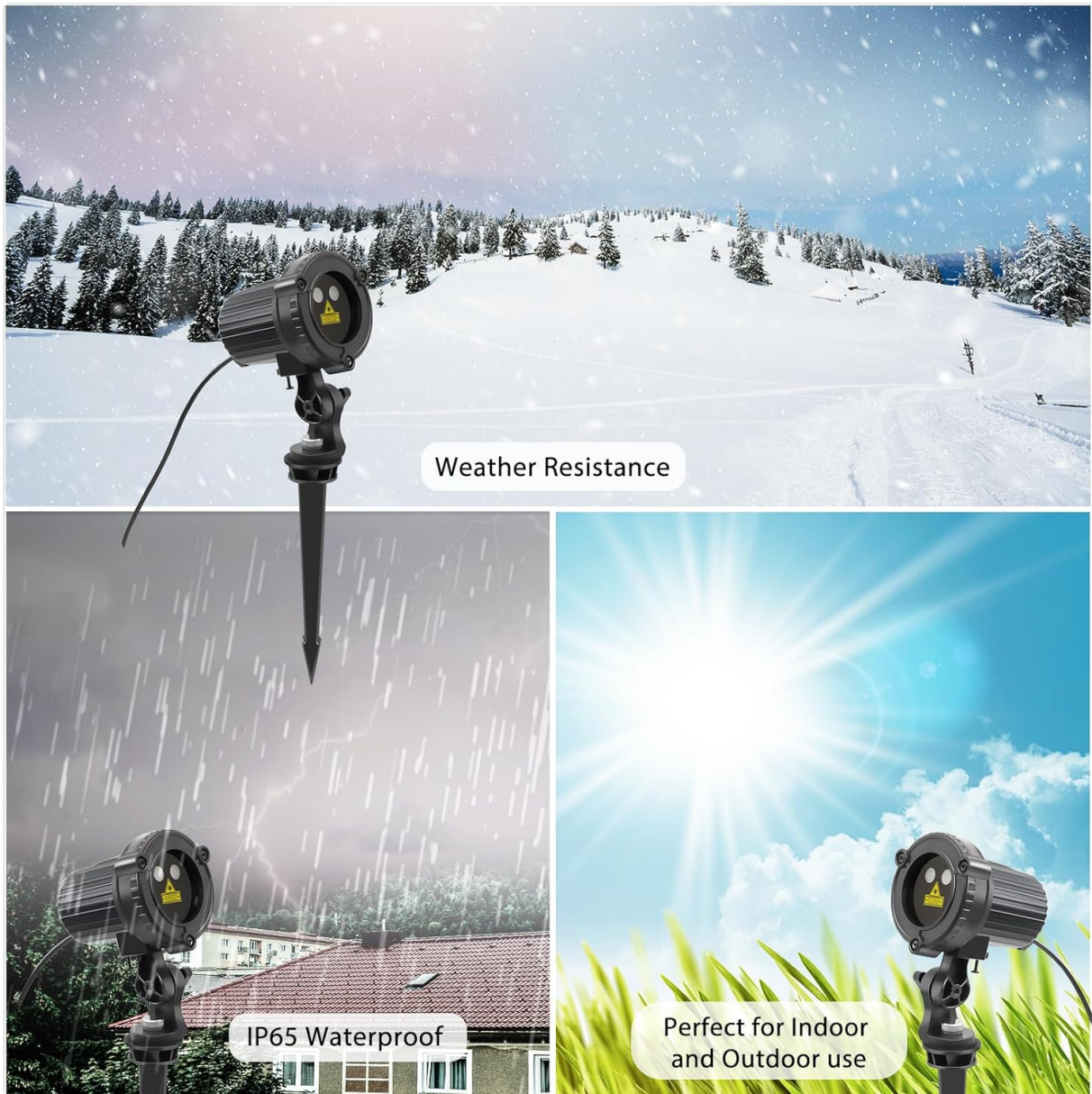


Image: The projector is depicted operating effectively in diverse weather conditions, including snow, rain (IP65 waterproof), and bright sunlight, indicating its durability for outdoor use.



Image: The image illustrates the projector's versatility for indoor use, creating a festive atmosphere for family events with its red and green light patterns.



Image: The projector is shown illuminating a large tree with red and green star patterns, demonstrating its effectiveness for landscape decoration.

Outdoor Garden Light



Image: This image shows the projector in a snowy outdoor setting, casting red and green lights onto a house and surrounding trees, suitable for winter holiday decorations.



Image: The projector is positioned to cover a house and its driveway with a vibrant display of red and green laser stars, enhancing outdoor aesthetics.