

Manuals+

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

manuals.plus /

› [VanSmaGo](#) /

› [VanSmaGo Laser Christmas Projector Lights User Manual - Model SGH-53](#)

VanSmaGo SGH-53

VanSmaGo Laser Christmas Projector Lights User Manual

MODEL: SGH-53

1. Introduction

The VanSmaGo Laser Christmas Projector Lights (Model SGH-53) are designed to project vibrant red, green, and blue (RGB) laser patterns, creating a dynamic 'firefly' effect. This projector is suitable for both indoor and outdoor decorative lighting, ideal for holidays, parties, or general home ambiance. This manual provides essential information for safe installation, operation, and maintenance of your projector.

2. Safety Information

- **Laser Radiation:** Avoid direct eye exposure to the laser beam. Do not stare into the aperture. This product uses Class II lasers.
- **Children:** Keep the device out of reach of children. Adult supervision is required when the device is in use.
- **Power Source:** Use only the provided power adapter. Ensure the power source matches the voltage requirements specified.
- **Installation:** Securely install the projector to prevent it from falling. Do not mount near flammable materials.
- **Water Exposure:** While the projector is IP65 waterproof, ensure the power adapter and connections are protected from direct water exposure, especially during heavy rain or snow.
- **Temperature:** Operate the device within the specified temperature range. Extreme temperatures can affect performance and lifespan.

3. Package Contents

Please check the package for the following items:

- Laser Projector Unit (Model SGH-53)
- RF Remote Control
- Ground Stake
- Round Base (for indoor or flat surface use)
- Power Adapter with 16.4ft Power Cord
- User Manual

4. Product Overview

The VanSmaGo Laser Projector features a durable, weather-resistant housing and projects a moving 'firefly' effect in red, green, and blue colors. It includes a remote control for easy adjustment of settings.



Image 1: VanSmaGo Laser Projector and Remote Control.

Key Features:

- **RGB Moving Firefly Effect:** Projects red, green, and blue laser dots that move to create a dynamic 'firefly' display.
- **7 Color Combinations:** Red, Green, Blue, Red+Green, Red+Blue, Green+Blue, Red+Green+Blue.

- **IP65 Waterproof:** Designed for outdoor use, resistant to snow, rain, dust, and sunlight.
- **Wide Coverage:** Can cover up to 3200 sq.ft from a distance of 32.8 ft.
- **RF Remote Control:** Adjust colors, speed, flash mode, and set timers wirelessly.
- **Easy Installation:** Includes a ground stake for outdoor placement and a round base for indoor or flat surface use.

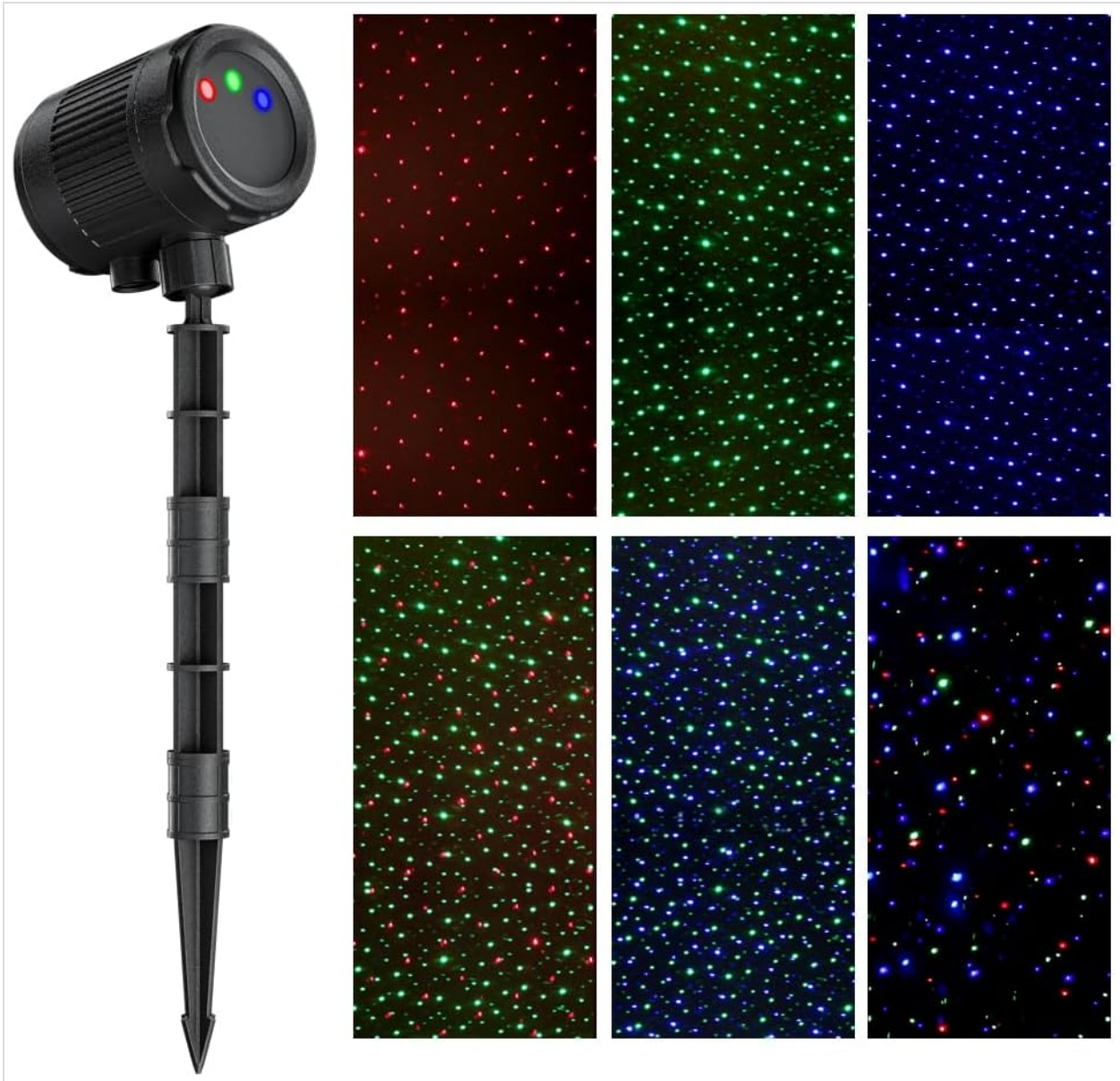


Image 2: Available Color Combinations.

Suitable for all kinds of weather



Image 3: Projector's Weather Resistance (IP44/IP65).

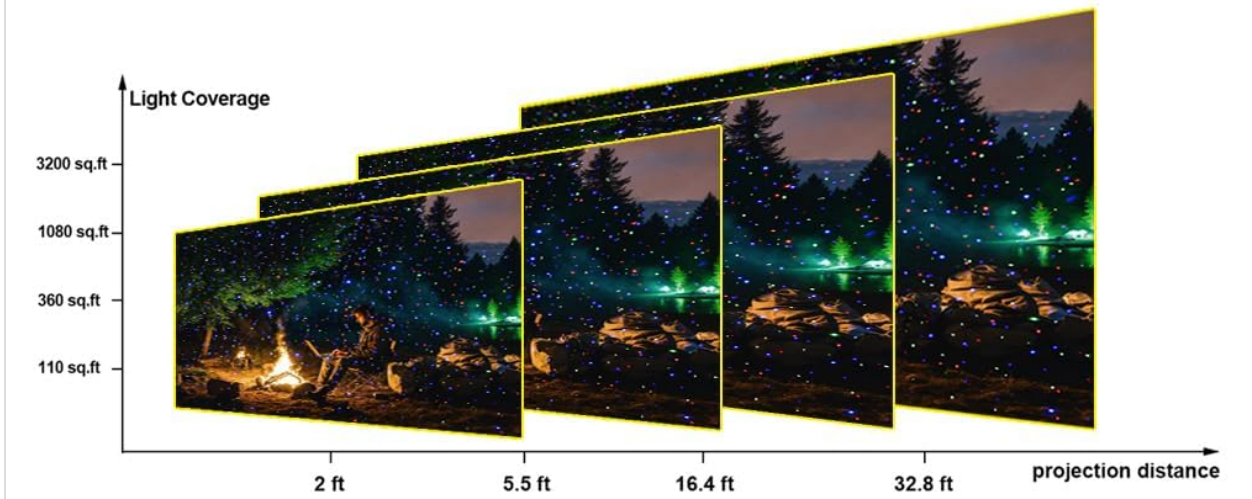


Image 4: Projection Coverage Area.

5. Installation

5.1 Outdoor Installation (Ground Stake)

1. Attach the ground stake to the bottom of the projector unit.
2. Insert the ground stake firmly into soft ground in your desired projection area.
3. Adjust the angle of the projector to direct the lights as desired. The projector head can be rotated up to 180 degrees.

5.2 Indoor/Flat Surface Installation (Round Base)

1. Attach the round base to the bottom of the projector unit.
2. Place the projector on a stable, flat surface indoors or outdoors.
3. Adjust the projection angle.

5.3 Power Connection

1. Connect the power adapter to the projector's power input.
2. Plug the power adapter into a standard electrical outlet. Ensure the outlet is protected from weather if

used outdoors.



Image 5: Outdoor Installation Example.

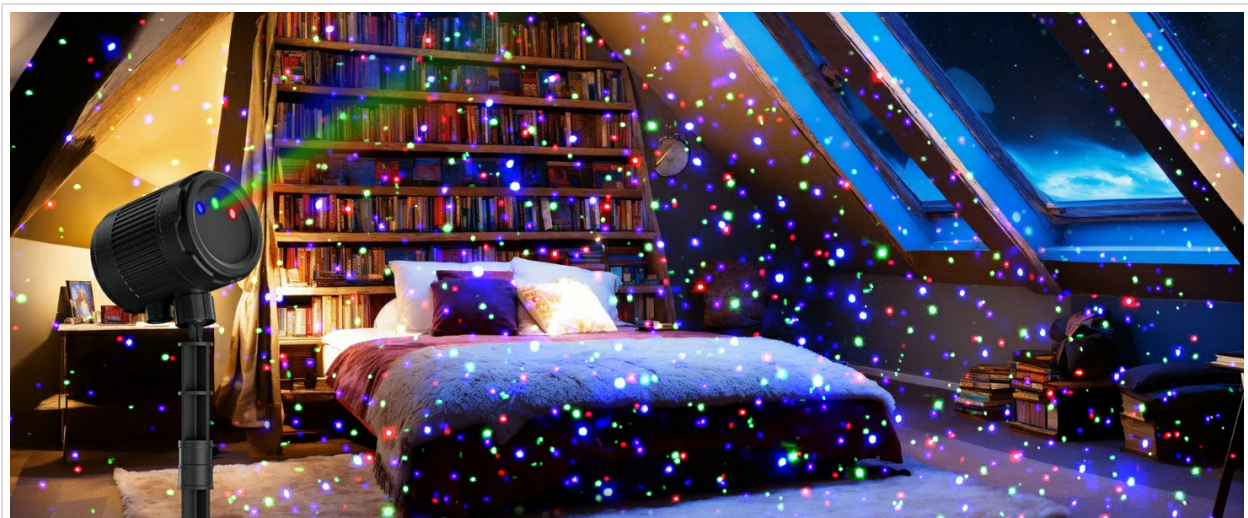


Image 6: Projector Head Adjustment.

6. Operation

The projector is controlled using the included RF remote control. Ensure the remote has working batteries.

6.1 Power On/Off

- Press the **ON/OFF** button on the remote to turn the projector on or off.
- The projector will default to a 6-hour timer cycle upon power-on (6 hours on, 18 hours off).

6.2 Remote Control Functions

- **R / G / B**: Press these buttons to select individual Red, Green, or Blue laser colors.
- **RGB**: Press to cycle through combined color modes (Red+Green, Red+Blue, Green+Blue, Red+Green+Blue).
- **FLASH**: Activates a flashing effect for the projected lights.
- **SPEED +/-**: Adjusts the speed of the moving 'firefly' effect.
- **TIMER (1H, 2H, 3H, 4H, 5H, 6H)**: Sets the projector to operate for the selected duration (e.g., 1 hour, 2 hours) and then turn off. The projector will automatically turn on again after 18 hours of being off, maintaining a 24-hour cycle. To use the timer, the projector must remain connected to power.

Note: If power is disconnected, the projector will reset to its default 6-hour timer cycle when reconnected.



Image 7: Remote Control Layout.

7. Maintenance

7.1 Cleaning

- Ensure the projector is unplugged before cleaning.
- Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Gently clean the laser aperture with a soft, dry cloth to ensure clear projection.

7.2 Storage

- Store the projector in a cool, dry place when not in use.
- Keep it in its original packaging or a protective container to prevent damage.

8. Troubleshooting

Problem	Possible Cause	Solution
Projector does not turn on.	No power, faulty adapter, remote battery dead.	Check power connection. Ensure adapter is working. Replace remote batteries.
Remote control not responding.	Remote battery dead, obstruction, out of range.	Replace remote batteries. Ensure clear line of sight to projector. Move closer to the projector.
Projection is dim or unclear.	Dirty laser aperture, too much ambient light, projector too far.	Clean the laser aperture. Reduce ambient light. Move projector closer to the projection surface.
Settings reset after power cycle.	This is normal behavior.	The projector defaults to a 6-hour timer cycle upon power-on. Re-apply desired settings with the remote. To maintain settings, keep the projector powered and use the remote for on/off.

9. Specifications

Model Number	SGH-53
Brand	VanSmaGo
Light Source Type	Laser (Red, Green, Blue)
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Black
Power Source	Corded Electric
Voltage	5 Volts

Waterproof Rating	IP65
Product Dimensions	2"L x 2"W x 5"H
Item Weight	10.7 ounces
Mounting Type	Ground Stake, Wall Mount
UPC	860012352821, 713317595441

10. Warranty and Support

VanSmaGo provides a **12-month warranty** for quality-related issues from the date of purchase. If you encounter any problems with your product, please contact our customer support for assistance.

For support, please refer to the contact information provided with your purchase or visit the official VanSmaGo website.