SOMKTN SOMKTN-DB-01

SOMKTN LED Holiday Projector (Model SOMKTN-DB-01) Instruction Manual

1. Safety Information

Please read all safety instructions before operating this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- This product is designed for outdoor and indoor use. Ensure all connections are secure and waterproof when used outdoors.
- Do not look directly into the light source.
- Keep the projector away from flammable materials.
- Do not attempt to disassemble or modify the product. Repairs should only be performed by qualified personnel.
- Ensure the power supply voltage matches the product's requirements (110 Volts).
- Unplug the projector from the power source before cleaning or performing any maintenance.

2. Package Contents

Verify that all components are present in the package:

- SOMKTN LED Holiday Projector Unit
- RF Wireless Remote Controller
- Ground Stake
- Round Base Stand
- 16 Interchangeable Slide Patterns
- Power Adapter with 26.2 ft Ultra Long Power Cable



Image 2.1: Overview of the SOMKTN LED Holiday Projector and its included accessories.

3. Product Overview

The SOMKTN LED Holiday Projector is a versatile 2-in-1 lighting solution designed to enhance your indoor and outdoor decorations. It features two distinct projection heads:

- **Pattern Projection Head:** Displays 16 unique holiday and event-themed slide patterns.
- **Ocean Wave Effect Head:** Creates dynamic RGBW ocean wave ripples with 10 color options.

These effects can be used independently or combined for a customized display. The projector is controlled via an RF wireless remote, offering convenience and flexibility for adjusting light colors, moving speed, flash speed, and setting an auto-timer.

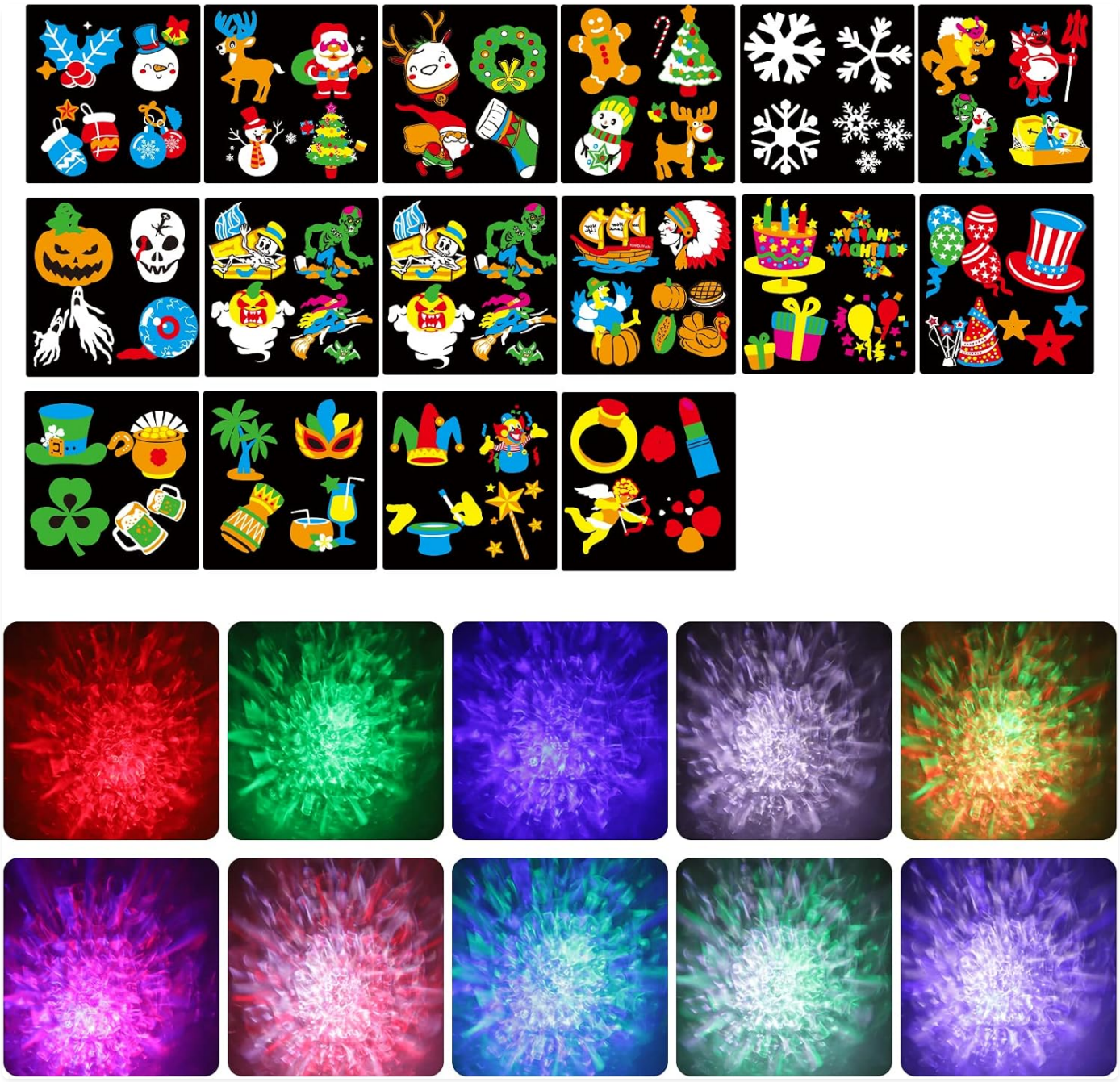


Image 3.1: Detailed view of the 16 interchangeable slide patterns and 10 ocean wave color options.



Image 3.2: Example of the projector displaying Halloween patterns combined with ocean wave effects on a building.



Image 3.3: Example of the projector displaying Christmas patterns combined with ocean wave effects on a building.

4. Setup and Installation

The projector offers flexible installation options for both indoor and outdoor environments.

4.1 Outdoor Installation (Ground Stake)

1. Attach the ground stake to the bottom of the projector unit.
2. Insert the stake firmly into soft ground in your desired projection area.
3. Adjust the projection angle using the adjustable head.
4. Connect the power adapter to a suitable outdoor power outlet.

4.2 Indoor Installation (Base Stand)

1. Attach the round base stand to the bottom of the projector unit.
2. Place the projector on a flat, stable surface.
3. Adjust the projection angle as needed.
4. Connect the power adapter to an indoor power outlet.

4.3 Optimal Projection Distance and Coverage

For best results, consider the following projection distances:

- **Outdoor:** 10-16.4 feet (3-5 meters) for clear images.
- **Indoor:** 16.4-26.25 feet (5-8 meters) for wider coverage.

The projection coverage ranges from 40 to 330 square feet, depending on the distance.

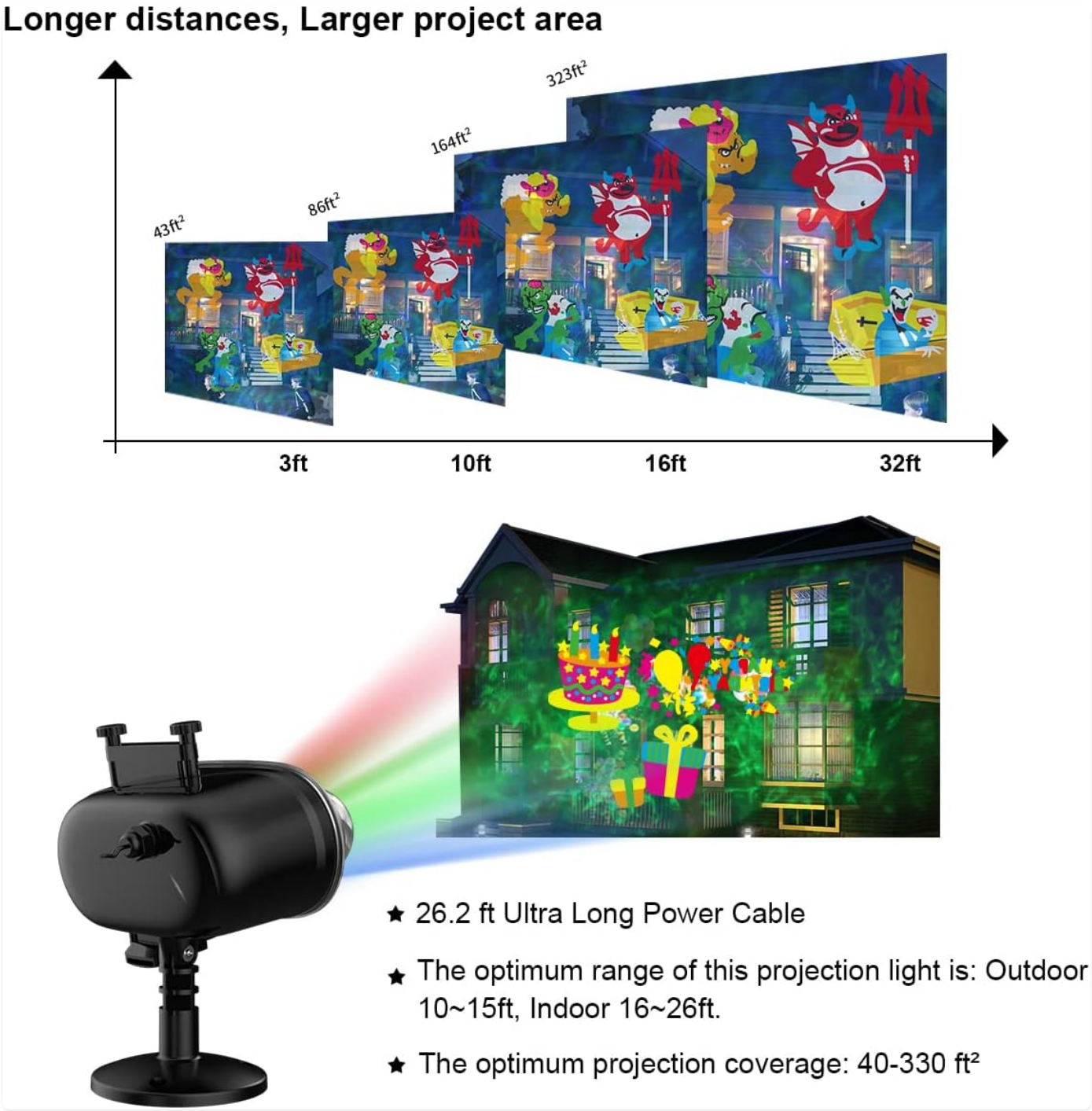


Image 4.1: Illustration of the projector's versatility for both indoor and outdoor use.



Image 4.2: Details on projection distance, coverage area, and the 26.2 ft power cable.



Image 4.3: The projector features a 270-degree adjustable head for precise aiming.

5. Operation

The projector is operated using the included RF wireless remote control. Ensure 2 x AAA batteries are installed in the remote (batteries not included).

5.1 Remote Control Functions



Image 5.1: Remote control layout and button functions.

- **Power On/Off:** Turns the projector on or off.
- **Ocean Wave On/Off:** Activates or deactivates the ocean wave effect.
- **Pattern On/Off:** Activates or deactivates the slide pattern projection.
- **Red/Green/Blue/White Light:** Selects individual colors for the ocean wave effect.
- **FADE1 (Single color cycling):** Cycles through ocean wave colors one by one.
- **FADE2 (Multi-color cycling):** Cycles through ocean wave colors with smooth transitions.
- **S+/S- (Speed):** Adjusts the moving speed of the ocean wave effect.
- **BREATHE (Ocean wave in breathing/keep on mode):** Controls the breathing or static mode of the ocean wave.
- **STOP (Pattern flashing speed):** Stops or adjusts the flashing speed of patterns.
- **KEEP ON (Pattern keeps on):** Sets patterns to remain static.
- **2H/4H/6H (Auto-timer):** Sets the projector to automatically turn off after 2, 4, or 6 hours.

- **CANCEL TIMER:** Deactivates the timer setting.

5.2 Changing Slide Patterns

To change the slide patterns:

1. Ensure the projector is unplugged.
2. Locate the slide tray on the pattern projection head.
3. Carefully remove the current slide and insert the desired new slide.
4. Ensure the slide is correctly seated in the tray.
5. Plug in the projector and use the remote to activate pattern projection.

6. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the projector's exterior. For the lens, use a lens cleaning cloth to avoid scratches. 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. Keep the slides in their protective casing.
- **Waterproof Rating:** The projector has an IP65 waterproof rating, making it resistant to dust and low-pressure water jets. However, avoid submerging it in water.

7. Troubleshooting

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

- **Projector does not turn on:**
  - Check if the power adapter is securely connected to both the projector and the power outlet.
  - Ensure the power outlet is functional.
  - Verify the remote control batteries are correctly installed and not depleted.
- **Remote control is not responding:**
  - Replace the AAA batteries in the remote control.
  - Ensure there are no obstructions between the remote and the projector's sensor.
  - The remote has a range of up to 40ft and can operate through walls.
- **Projection is blurry or unclear:**
  - Adjust the projection distance to be within the optimal range (10-16.4ft outdoor, 16.4-26.25ft indoor).
  - Ensure the lens is clean and free from dust or smudges.
  - Verify the slide pattern is correctly inserted and not damaged.
- **Patterns or ocean wave effect not moving:**
  - Use the speed (S+/S-) buttons on the remote to adjust movement.
  - Check if the 'KEEP ON' button for patterns or 'BREATHE' mode for ocean wave is activated, which might set them to static or breathing modes.

8. Specifications

Feature	Specification
Model Number	SOMKTN-DB-01
Brand	SOMKTN
Color	Black
Material	ABS plastic
Light Source Type	LED
Voltage	110 Volts
Wattage	10.5 Watts (Max 12 Watts)
Brightness	2200 Lumen
Amperage	1 Amps
Product Dimensions	5.59"L x 4.65"W x 4.29"H
Item Weight	1.57 pounds
Power Source	Corded Electric
Waterproof Rating	IP65
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Remote Control Range	Up to 40ft
UPC	631145621364

9. Warranty and Support

For warranty information and customer support, please refer to the product packaging or contact SOMKTN directly through their official channels. Keep your purchase receipt for warranty claims.

© 2025 SOMKTN. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question