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DONSU HY-H04

DONSU 330W LED Follow Spot Light User Manual

Model: HY-H04
Brand: DONSU

1. Introduction

Thank you for choosing the DONSU 330W LED Follow Spot Light. This high-performance lighting unit is designed to provide powerful and precise illumination for various events, including parties, discos, bars, weddings, birthdays, Christmas celebrations, and DJ shows. Its robust construction, adjustable features, and bright LED output ensure a professional lighting experience.
This manual contains important information regarding the safe installation, operation, and maintenance of your follow spot light. Please read it carefully before using the product and retain it for future reference.

Important Safety Notes:

- If you intend to use this product in quiet environments (such as a church or meeting room), please confirm that the operational noise level is acceptable for your specific application.
- Always read the operating manual completely before use. Pay particular attention to all safety instructions provided to prevent injury or damage.

2. Package Contents

Please verify that all components are present in the package:

- 1 x 330W Stage Spotlight Unit
- 1 x Tripod Bracket
- 1 x English Manual
- Other Accessories (as specified on packaging)



Figure 2.1: Complete DONSU 330W LED Follow Spot Light assembly, including the main light unit and its adjustable tripod stand, projecting a blue light beam.

3. Product Overview

The DONSU 330W LED Follow Spot Light consists of the main spotlight unit and a sturdy tripod stand. Key features include a powerful 330W LED lamp, an optical system with HD coating, and a high-intensity air-cooled cooling system.

3.1 Main Components and Controls

- **Spotlight Unit:** Houses the LED lamp, optical system, and control panel.
- **Tripod Bracket:** Provides stable support and allows for height adjustment.

- **Aperture Size Knob:** Adjusts the size of the light beam's aperture.
- **Conversion Knob:** Used for color or effect conversion (details in operation section).
- **Power Switch (OPEN/SHUT):** Turns the unit on or off.
- **Fuse Slot:** Contains the protective fuse for the unit.
- **Convenient Handle:** Located on top of the spotlight unit for easy aiming and carrying.



Figure 3.1: Detailed view of the control panel, showing the 'Aperture Size' knob, 'Conversion' knob, 'Power Info' port, 'FUSE' slot, and the 'OPEN/SHUT' power switch.



Figure 3.2: View of the top surface of the light unit, showing the ventilation grille designed for heat dissipation.

4. Setup

Follow these steps to assemble and set up your DONSU 330W LED Follow Spot Light:

4.1 Tripod Assembly

1. Unfold the legs of the tripod bracket until they are fully extended and stable.
2. Adjust the height of the tripod to your desired level using the locking knob on the central pole. Ensure the safety pin is securely inserted after adjustment. The stand height can range from 1.2m to 1.55m (3.94ft to 5.1ft).
3. Ensure the anti-skid feet are firmly on the ground to prevent slipping.

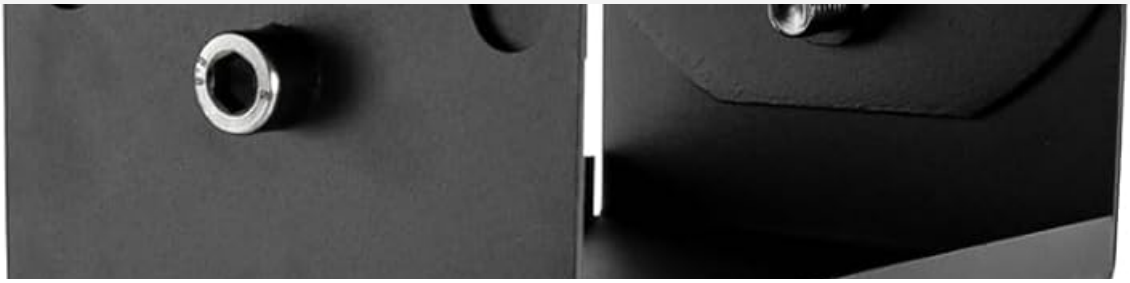



Figure 4.1: Focus on the adjustable section of the tripod stand, illustrating the locking knob and safety pin used to secure the height.



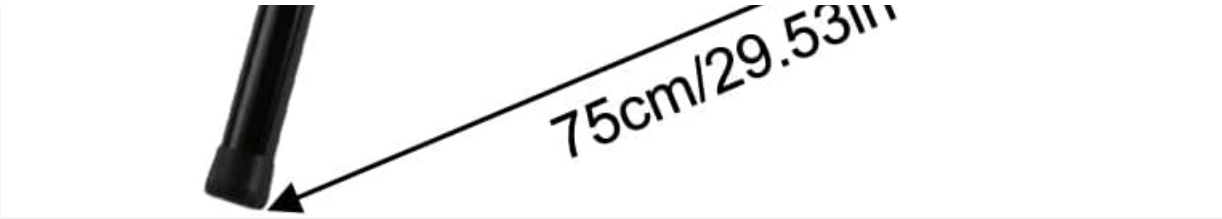

Figure 4.2: Diagram illustrating the key dimensions of the follow spot light and its tripod, including the light unit's length, height, width, the tripod's maximum height, and foot spacing.

4.2 Attaching the Spotlight Unit

1. Carefully place the 330W Stage Spotlight unit onto the mounting plate at the top of the tripod bracket.
2. Secure the spotlight unit to the tripod using the provided fasteners or locking mechanisms. Ensure it is firmly attached and cannot wobble.

4.3 Power Connection

1. Ensure the power switch on the spotlight unit is in the 'SHUT' (off) position.
2. Connect the power cord to the 'Power Info' port on the unit.
3. Plug the other end of the power cord into a standard US electrical outlet (AC100V~240V 50Hz/60Hz).

5. Operation

Once the unit is set up, you can begin operation:

5.1 Powering On/Off

- To power on the unit, flip the power switch to the 'OPEN' position. The light will illuminate.
- To power off, flip the switch back to the 'SHUT' position.

5.2 Adjusting Aperture

- Rotate the 'Aperture Size' knob to adjust the size of the light beam. Turning the knob will make the beam wider or narrower, allowing you to precisely control the illuminated area.

5.3 Color and Color Temperature Adjustment

- The unit supports 6 light colors and 3 color temperatures (3200K, 5600K, 6000K). Use the 'Conversion' knob to cycle through the available colors and color temperatures to achieve the desired atmospheric effect.

5.4 Strobe Function

- The follow spot light features a strobe function with a rate of 1-7 times per second. Refer to the 'Conversion' knob or additional controls (if any) for activating and adjusting the strobe effect.

5.5 Free Tracking

- Utilize the convenient handle on the spotlight unit to manually direct the light beam. This allows for precise and quick tracking of performers or objects on stage, ensuring the focus remains clear.



Figure 5.1: The follow spot light projecting an orange beam, accompanied by two smaller images depicting a crowd with raised hands and a stage performance, demonstrating potential applications.



Figure 5.2: The follow spot light projecting a green beam, presented with four smaller images showcasing different stage lighting scenarios, including concerts and events.



Figure 5.3: Graphic showing the follow spot light on its stand, with arrows indicating the adjustable height range, alongside an image of a crowd at an event.

6. Maintenance

Proper maintenance will ensure the longevity and optimal performance of your follow spot light:

- **Cleaning:** Regularly wipe the exterior of the unit with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the unit. Do not use abrasive cleaners or solvents.
- **Lens Care:** Gently clean the optical lens with a lens cleaning cloth and appropriate lens cleaning solution to maintain beam clarity. Avoid touching the lens with bare hands.
- **Ventilation:** Ensure the ventilation grilles (Figure 3.2) are free from dust and obstructions to allow for proper airflow and cooling.
- **Storage:** When not in use, store the unit in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to store it in its original packaging or a protective case.
- **Fuse Replacement:** If the unit fails to power on, check the fuse in the fuse slot. Replace it with a fuse of the same type and rating if necessary. Always disconnect power before replacing the fuse.

7. Troubleshooting

If you encounter issues with your DONSU 330W LED Follow Spot Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Power switch off; Blown fuse; Loose connection.	Check power outlet and cord connection. Ensure power switch is 'OPEN'. Inspect and replace fuse if blown. Verify all connections are secure.
Light beam is dim or inconsistent.	Dirty lens; Obstruction in light path; Incorrect aperture setting.	Clean the optical lens. Remove any obstructions. Adjust the 'Aperture Size' knob.
Unit overheats.	Blocked ventilation; Prolonged use in high ambient temperature.	Ensure ventilation grilles are clear. Operate in a well-ventilated area. Allow unit to cool down if used for extended periods.
Cannot adjust color/effect.	'Conversion' knob not functioning; Internal issue.	Ensure the 'Conversion' knob is being rotated correctly. If the issue persists, contact customer support.

8. Specifications

Technical specifications for the DONSU 330W LED Follow Spot Light:

Feature	Specification
Brand	DONSU
Model Number	HY-H04
Material	Aluminum Alloy, Iron
Color	Black
Style	Modern
Power Source	Corded Electric
Support Voltage	AC100V~240V 50Hz/60Hz
Power Consumption	380W
Lamp Specification	330W LED Lamp Beads (Included)
Light Colours	6
Color Temperature	3200K, 5600K, 6000K
Strobe	1-7 times/sec Strobe
Max Light Distance	30m (98.4ft)
Light Speed Angle	23°

Feature	Specification
Optical System	HD Coating Optics
Cooling System	High-intensity Air-cooled
Protection Level	IP20
Stand Height Range	1.2-1.55m (3.94-5.1ft)
Control Signal	Self-signal, Knob Control
Control Mode	Stand-alone Mode
Spotlight Size	65 x 22 x 18 cm (25.59 x 8.66 x 7.09 in)
Spotlight Gross Weight	8 kg (17.6 lb)
Tripod Bracket Height	1.76m (5.77ft)
Bracket Foot Spacing	75cm (29.53in)
Tripod Net Weight	2 kg (4.4 lb)

9. Warranty and Support

For specific warranty information regarding your DONSU 330W LED Follow Spot Light, please refer to the documentation provided at the time of purchase or contact the manufacturer directly. Warranty terms typically cover manufacturing defects for a specified period.

Customer Support:

If you have any questions, require technical assistance, or need to report an issue with your product, please contact DONSU customer support through their official website or the retailer from whom you purchased the product. Please have your model number (HY-H04) and purchase details ready when contacting support.

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