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› [MEIKEE 7W Low Voltage Landscape Lighting \(Model DSTA07\) Instruction Manual](#)

MEIKEE DSTA07

MEIKEE 7W Low Voltage Landscape Lighting

Model: DSTA07

INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your MEIKEE 7W Low Voltage Landscape Lighting. Please read this manual thoroughly before use and retain it for future reference.





Image: The MEIKEE 7W Low Voltage Landscape Lighting unit, featuring a black spotlight head, adjustable arm, ground stake, and coiled power cable with two wire connectors.

PRODUCT FEATURES

- **Warm White Illumination:** Emits 2700K warm white light with 800 lumens brightness.
- **Low Voltage Operation:** Compatible with DC/AC 12-24V systems for enhanced safety.
- **Durable Construction:** IP66 waterproof rating, heat, and frost resistant for outdoor use.
- **Adjustable Lighting:** Features a 270° adjustable lamp head for precise light direction.
- **Versatile Installation:** Can be installed as ground-inserted or wall-mounted.



7W
800Lumen

12-24V
AC/DC

2700K
Warm White

15LEDs
SMD Chips

50000+ Hours
Lifespan

Image: An overview of the product's key specifications, including 7W power, 12-24V AC/DC compatibility, 2700K warm white color temperature, 15 SMD LED chips, and a lifespan exceeding 50,000 hours.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- MEIKEE Landscape Light Unit
- Wire Connectors
- Ground Spike
- Screw Pack (for wall mounting)
- User Manual

SETUP AND INSTALLATION

Important: A low-voltage transformer and low-voltage wires are required for operation and are not included in this package.

1. Connecting the Wires

Follow these steps to connect the landscape light to your low-voltage wiring system using the provided connectors:

1. Carefully divide the power cable of your low-voltage system into two halves.
2. Insert one half of the power cable into the large cap of the connector.
3. Screw the pin part of the connector into the large cap to pierce the power cable.
4. Insert the light wire (from the MEIKEE unit) through the small cap of the connector.
5. Screw the small cap into the joint of the connector.
6. Gently pull on the wires to ensure they are securely connected and do not come out.

Brighter & Wider Spotlights



Ours



Others



Image: A visual guide demonstrating the six steps for securely connecting the landscape light's wires to a low-voltage power cable using the included waterproof connectors.

2. Installation Methods

The MEIKEE landscape light offers two primary installation options:

Ground Inserted Installation

1. Attach the ground spike to the base of the light unit.
2. Insert the assembled light unit firmly into the desired location in the ground.
3. Adjust the angle of the lamp head to direct the light as needed.
4. Connect to power and turn on the light.

Wall Mounted Installation

1. Fix the holder of the light unit to the desired wall surface.
2. Punch holes in the wall at the marked positions.
3. Secure the light unit using the provided screws.
4. Connect to power and turn on the light.

Ground Inserted



Wall Mounted



Image: A two-part diagram illustrating the four steps for ground-inserted installation (connecting spike, inserting into ground, adjusting angle, turning on) and the four steps for wall-mounted installation (fixing holder, punching holes, screwing, turning on).

OPERATING INSTRUCTIONS

Once installed and connected to a compatible low-voltage power source, the MEIKEE landscape light operates automatically based on the power supply. There are no manual controls on the unit itself.

- **Adjusting Light Angle:** The lamp head can be rotated up to 270° vertically to direct the light beam precisely

where needed. Loosen the adjustment knob on the side of the lamp head, position the light, and then tighten the knob to secure it.

- **Light Output:** The unit provides a consistent 800 lumens of 2700K warm white light when powered.



Fulfilling Different Needs



Image: This image highlights the 270° rotational capability of the spotlight head and demonstrates the warm white (2700K) light output, suitable for various outdoor lighting needs.

MAINTENANCE

The MEIKEE landscape light is designed for minimal maintenance due to its durable construction and LED technology.

- **Cleaning:** Periodically wipe the lens and housing with a soft, damp cloth to remove dirt, dust, or debris that may accumulate and obstruct light output. Do not use abrasive cleaners or solvents.

- **Weather Resistance:** The IP66 waterproof rating ensures protection against dust and powerful water jets. The unit is also designed to be heat and frost resistant, operating effectively in temperatures ranging from -25°C to 40°C.
- **Inspection:** Regularly inspect the power cables and connectors for any signs of damage or wear. Ensure all connections remain secure.



Working Temperature Range: -25°C~40°C

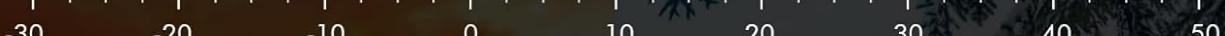


Image: This image illustrates the IP66 waterproof rating of the light, its operational temperature range (-25°C to 40°C), and its resistance to both heat and frost, making it suitable for diverse weather conditions.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power to the unit. Loose or incorrect wiring connection. Faulty transformer.	Ensure the low-voltage transformer is powered on and functioning. Check all wire connections for tightness and correct polarity. Test the transformer with another low-voltage device if possible.
Light flickers or is dim.	Insufficient power. Loose connection. Voltage drop over long wire runs.	Verify the transformer output matches the light's requirements. Inspect and secure all wire connections. Consider using thicker gauge wire for longer runs or reducing the number of lights on the circuit.
Water inside the light housing.	Improper sealing during manufacturing (rare). Damage to the housing or lens.	While the product is IP66 rated, if water ingress occurs, discontinue use and contact customer support for assistance.

SPECIFICATIONS

Feature	Detail
Brand	MEIKEE
Model Number	DSTA07
Power	7 Watts
Voltage	DC/AC 12-24 Volts
Brightness	800 Lumens
Color Temperature	2700K Warm White
Light Source Type	LED (SMD Chips)
Material	Aluminum, Polycarbonate
Water Resistance Level	IP66 Waterproof
Adjustability	270° Adjustable Lamp Head
Installation Type	Ground Inserted / Wall Mounted
Product Dimensions	2.8" L x 2.8" W x 6.77" H
Item Weight	9.1 ounces



Polycarbonate Snap-on Lamp Head
for Enhanced Waterproofing



Upgraded SMD Beads and Reflector



270° Rotatable Lamp Head



Detachable Spike



Convenient Connectors

Image: A detailed diagram showing the dimensions of the MEIKEE landscape light (70mm/2.75in width, 255mm/10in height) and highlighting key components such as the polycarbonate snap-on lamp head, upgraded SMD beads and reflector, 270° rotatable lamp head, detachable spike, and convenient connectors.

WARRANTY AND SUPPORT

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

Related Documents - DSTA07

	<p>MEIKEE High Voltage Landscape Light User Manual</p> <p>User manual for MEIKEE High Voltage Landscape Lights, including product parameters, installation instructions, and troubleshooting for models like ASTA05, ASTA07, ASTA09, ASTA12, and ASTA15. Covers safety warnings and product specifications.</p>
	<p>MEIKEE MK23 Solar Spotlights User Manual</p> <p>User manual for the MEIKEE MK23 solar spotlights, detailing specifications, installation, and operation for outdoor garden lighting. Features include color-changing, dual color temperature, IP66 waterproof rating, and dimmable modes.</p>
	<p>MEIKEE MK24 Solar Spotlight User Manual</p> <p>This document provides instructions and specifications for the MEIKEE MK24 Solar Spotlight, a dimmable, warm white outdoor garden light with various modes and IP66 waterproofing.</p>
	<p>MEIKEE B04-22SP-M-B Solar Spotlights User Manual - Outdoor Garden Lighting Guide</p> <p>Comprehensive user manual for MEIKEE B04-22SP-M-B solar spotlights. Learn how to install, operate, and maintain your outdoor garden lighting for optimal performance. Features IP66 waterproof design.</p>
	<p>MEIKEE MK23 RGB Solar Spotlight User Manual - Installation and Operation Guide</p> <p>Comprehensive user manual for the MEIKEE MK23 RGB Solar Spotlight (Models SL-GP02, SL-GP03, SL-GP04). Includes specifications, installation instructions, remote control guide, and troubleshooting for landscape lighting.</p>
	<p>MEIKEE LED Flood Light with Motion Sensor User Manual</p> <p>This manual provides instructions for the MEIKEE LED Flood Light with Motion Sensor, including installation, operation, and maintenance. It details product specifications, safety precautions, and troubleshooting tips for various models.</p>