



**ADMIRAL**  
STAGING

Original user manual

# MOLE SPIKE STAND



Manufacturer:

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# CONTENT

1. INTRODUCTION
2. SAFETY INSTRUCTIONS
3. SCOPE
4. LIMITATIONS OF USE
5. TECHNICAL DATA & LOADCHART
6. IDENTIFICATION
7. EXPLANATION OF THE STICKER
8. ASSEMBLY INSTRUCTIONS
9. DISASSEMBLY INSTRUCTIONS
10. STORAGE
11. MAINTENANCE & REJECTION CRITERIA
12. WARRANTY
13. EC DECLARATION OF CONFORMITY

## 1. INTRODUCTION

The ADMIRAL MOLE is a ground pin that can be used for creating temporary lighting scenes in outdoor environments. Ideal when the ground is uneven or sloped, or for keeping fixtures off the ground in wet conditions. For ease of reading, the wording “MOLE” is used to replace the full product name “Mole spike stand”.

Couplers and accessories for mounting fixtures are not included.

ADMIRAL has endeavoured to deliver the highest degree of accuracy possible. However continuous improvement of our products is ADMIRAL policy. Therefore product specifications are subject to change without notice.

Readers and users are encouraged to notify ADMIRAL of errors and send in suggestions for improvements. All communications will be carefully considered for future printings of this manual and changes to our products.

## 2. SAFETY INSTRUCTIONS

This user manual must be read and understood prior to assembly, setup and servicing. All people using and servicing the MOLE must familiarise themselves with the safety instructions and user guidelines written in this manual. This manual needs to be accessible for all users at all times.

### LEGEND



#### **DANGER**

**DANGER:** Indicates a hazardous situation which, if not avoided, will result in death or serious injury.  
This signal word is to be limited to the most extreme situations.



#### **WARNING**

**WARNING:** Indicates a hazardous situation which, if not avoided, could result in death or serious injury.



#### **CAUTION**

**CAUTION:** Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

#### **NOTICE**

**NOTICE:** Addresses practices not related to personal injury.

#### **SAFETY INSTRUCTIONS**

**SAFETY INSTRUCTIONS:** Is used for lists of steps, procedures or instructions that might otherwise substitute a DANGER, WARNING or CAUTION notification. Note that equivalent phrases, such as SAFE OPERATION PROCEDURES or SAFE SHUT DOWN PROCEDURE, can be used in place of the words “SAFETY INSTRUCTION”.



## CAUTION

- A MOLE must be taken out of service immediately if, during use, repair or maintenance damages are discovered.
- Wear appropriate Personal Protective Equipment (PPE) such as hard hats and gloves during installation.
- Make sure there is adequate amount of working light during the installation of the product.

## 3. SCOPE

The intended use of the MOLE is to create an outdoor lighting scene on an uneven surface, sloped ground or in weather conditions where fixtures need to be placed off the ground.

The MOLE is designed for temporary installations within the entertainment industry.

The MOLE has a max load capacity of 25 kg.

Any other way of use is considered to be a case of misuse. Solely the user is liable for any damage or injury resulting from such cases.



## WARNING

Check local legislation for the application of use.

## 4. LIMITATIONS OF USE



## WARNING

Exceeding the limitations of use can severely endanger the audience and users.

- The MOLE can be operated from -20° up to 60° Celsius.
- Do not exceed the maximum load stated on the product.
- The MOLE must be inspected by a competent person as often as required but with a minimum of 1 x per year. Records of these inspections must be kept.
- Inspect equipment before every use. A damaged MOLE shall be taken out of service.
- In case of use in the vicinity of saltwater, the product shall be rinsed regularly with fresh water to avoid corrosion.
- It is also imperative to observe the local accident prevention regulations and/or occupational health and safety regulations.
- Do not use the MOLE to guide currents for electric potential bonding.
- Make sure the MOLE is dry and free of dirt before and after every use.
- Use appropriate packaging to transport the products, e.g. a flightcase.
- Do not re-zinc steel components as they might be subject to hydrogen embrittlement.

## WARNING

Do not apply eccentric loading (fig 01) but medial (fig 02).

fig: 01

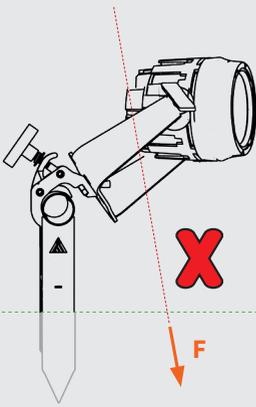
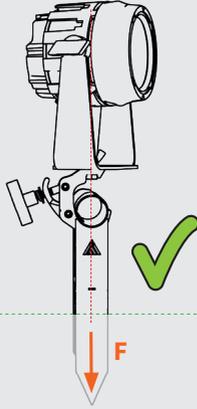


fig: 02



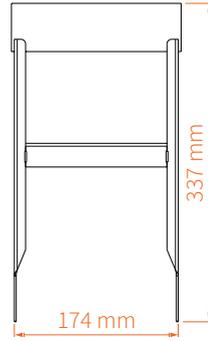
## 5. TECHNICAL DATA & LOADCHART

Top view

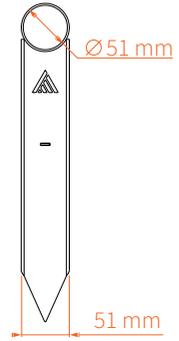
180 mm



Front view



Side view



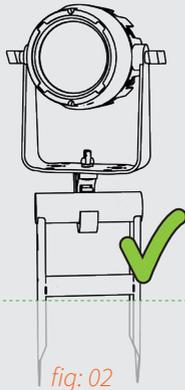
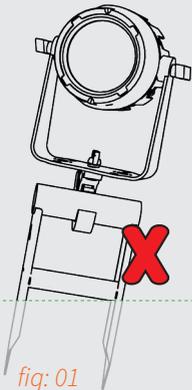
**MAX  
LOAD  
25kg**

## CAUTION

Do not throw the MOLE, as it might damage the product.

## WARNING

Always place the MOLE vertically in the ground for the best support.



### Technical data

|                        |  |
|------------------------|--|
| Article code:          | RIGSD50B   |
| EAN:                   | 8720094422589  |
| Max load:              | 25 kg  |
| Dimensions:            | (W x D x H) 180 x 51 x 337 mm  |
| Diameter tube:         | 51 mm  |
| Material:              | steel  |
| Weight:                | 1.20 kg  |
| Colour:                | black gloss 30% (RAL 9005)   |
| Finish:                | zinc coated / powder coated  |
| Standards & Approvals: | <ul style="list-style-type: none"><li>• in compliance with the Machinery Directive 2006/42/EC annex II</li><li>• the following harmonized standards have been applied (or parts/clauses of): EN 1990 Eurocode - Basis of structural design</li></ul> |

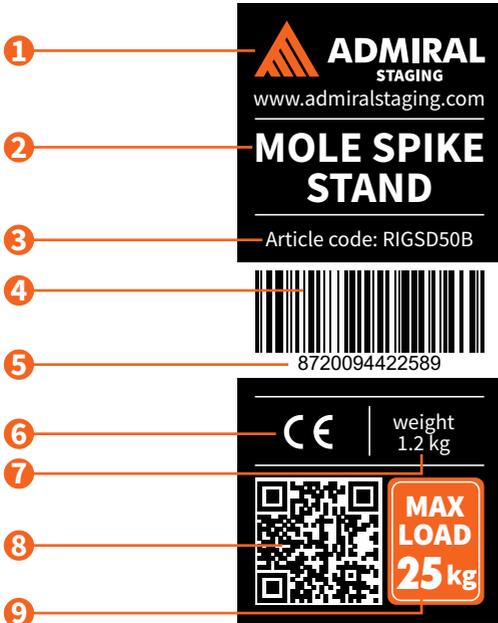
## 6. IDENTIFICATION



### MOLE

- 1 Tube 51 mm
- 2 Foot pedal
- 3 Ground pins

## 7. EXPLANATION OF THE STICKER



### MOLE sticker

- |                |                            |
|----------------|----------------------------|
| 1 Brand name   | 5 EAN code                 |
| 2 Product name | 6 CE Marking               |
| 3 Article code | 7 Weight                   |
| 4 Barcode      | 8 QR code to online manual |
|                | 9 Max load                 |

## 8. ASSEMBLY INSTRUCTIONS

### WARNING

Inspect the MOLE before use. Make sure all components are in place and in good order. If damaged, mark the item clearly and take out of service\*.

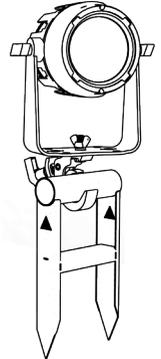
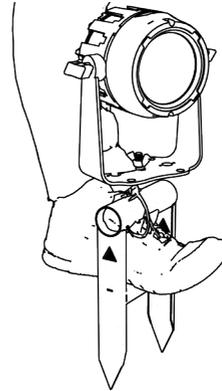
\*See chapter 11 for further instructions!

### NOTICE

Check the ground for stones and other hard objects. Remove them when necessary.

### Step 1

Mount the fixture on the MOLE using a coupler. Secure the coupler around the tube and hand-tighten it (15 Nm).



### Step 2

Position the MOLE with the pins on the ground. Hold the stand upright and place your foot on the pedal.

### Step 3

Press firmly on the pedal to push the pins into the ground.



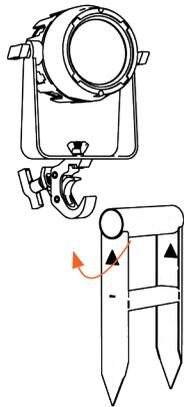
### Step 4

Check if the MOLE is firmly in the ground. If not, choose a new spot.

## 9. DISASSEMBLY INSTRUCTIONS

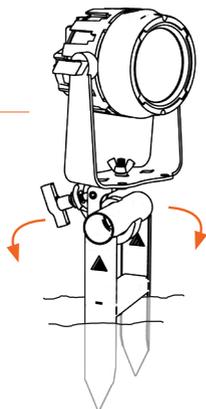
### Step 1

Rock the MOLE back and forth, then lift it out of the ground.



### Step 2

Remove the fixture from the MOLE.



## WARNING

If damaged, mark the item clearly and take it out of service.

- Check all components for damages like cracks, deformations, scratches and corrosion. Damaged and corroded parts shall be rejected and thrown away
- In general, scratches > 10% of the wall thickness mean the product needs to be rejected from use.
- In general, deformations > 10% of a straight line from the outer surface mean the product needs to be rejected from use.
- Remove all sharp and rough feeling edges and surfaces by using sand paper or a file.
- Check all welds for cracks. If cracked, replace.

## 10. STORAGE

The MOLE must be stored in a dry, non-aggressive environment.

- Make sure the parts cannot bend.
- Avoid vibrations. Rubbing parts can cause excessive wear and tear.

## 11. MAINTENANCE & REJECTION CRITERIA

### SAFETY INSTRUCTIONS

The MOLE hardly needs any maintenance under normal use and environmental circumstances. For safety reasons however, all parts must always be cleaned from dirt and be checked regularly for damages and corrosion.

The MOLE shall be checked in compliance with the local law by a competent person. Checking shall take place as often as required but with a minimum of 1x per year. In case of doubt contact ADMIRAL.

## 12. WARRANTY

- For a period of 24 months we will repair, free of charge, any damage attributable to faulty materials or workmanship under the condition that the equipment is forwarded, freight paid, to our warehouse or one of the ADMIRAL distributors' warehouses.
- The warranty-period begins with the day of the delivery, proven by a purchase receipt like an invoice or delivery note or their copies.
- The warranty does not cover damage due to transport, negligent handling, overloading the equipment or parts subject to normal wear and tear signs. Nor damages that originate from a case of misuse because of nonobservance of the safety regulations in this instruction manual.
- The warranty will be invalid when other parts than the original ADMIRAL parts have been used or modifications of our design have been made by third parties.
- Warranty repairs do not renew nor extend the warranty-period.
- In case of a claim that falls under the warranty, e.g. a malfunction or spare part requirements, please contact your point of sale or ADMIRAL.
- The manufacturer is not liable for indirect consequential damage and financial loss.
- The manufacturer shall not be liable for any changes made to the MOLE nor for any damage resulting from such changes.

# 13. EC DECLARATION OF CONFORMITY



## EC-DECLARATION OF CONFORMITY FOR MACHINERY (2006/42/EG Annex II)

Rolight Theatertechniek  
Josink Kolkweg 10  
7545 PR Enschede  
The Netherlands

Herewith declares that:

### **ADMIRAL “MOLE SPIKE STAND”;** Article code RIGSD50B

- is in compliance with the Machinery Directive 2006/42/EC annex II

The following harmonized standards have been applied (or parts/clauses of):

- EN 1990 Eurocode - Basis of structural design

Enschede , The Netherlands 16-November-2025

Ms. E. Dijk  
Owner Rolight Theatertechniek b.v.



**Rolight**

