



**ADMIRAL**  
STAGING

Original user manual

# WOOD PECKER

## TREE/POLE BRACKET



Manufacturer:

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## 1. INTRODUCTION

The ADMIRAL WOODPECKER is a load bearing fixation point for loads which can be strapped to vertical poles. For ease of reading, the wording "WOODPECKER" is used to replace the full product name "Woodpecker tree/pole bracket".

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.

Safety cables to couple and secure equipment onto the WOODPECKER are not included.

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 WOODPECKER 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 WOODPECKER must be taken out of service immediately if, during use, repair or maintenance damages are discovered.
- Remove people from the area during installation.
- Use solely instructed and/or trained personnel.
- 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.
- Only use an M10 bolt (8.8 quality). Make sure the bolt is screwed at least 40 mm into the Admiral Low Hanger 50cm (RILHT50B).
- Use an additional, certified Safety cable to secure the load to the WOODPECKER.

## 3. SCOPE

The intended use of the WOODPECKER is to create a temporary fixation point for loads up to 20 kg on vertical structures like trees and lighting poles. Temporary is in general a period no longer than 90 days.

Loads can be lights, sound systems or hanging decorations.

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 WOODPECKER can be used on vertically placed pillars, trees and poles.
- The WOODPECKER can be operated from -20° up to 60° Celsius.
- Do not exceed the maximum load stated on the product.
- Make sure the resulting forces on the supporting structure are approved by a competent person before applying the load.
- Sound systems can be suspended but users must regularly check the integrity of the bracket as severe vibrations could loosen the bolts or straps.
- The WOODPECKER 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 WOODPECKER shall be taken out of service.
- Outdoor use shall be approved by a competent person and might influence the load capacity. Outdoor use is the sole responsibility of the operator.
- The WOODPECKER can be used up to a wind scale 6 (8.0 - 10.7 m/s).
- The maximum mounting height is 4 m.
- To ensure safe use of the WOODPECKER, the mounted object cannot exceed a total surface area of 0.25 m<sup>2</sup>.
- 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.
- The support structure, on which the WOODPECKER is used, must have lightning protection when used outdoors.
- The support structure, on which the WOODPECKER is used, might need to have electric potential bonding.
- Do not use the WOODPECKER to guide currents for electric potential bonding.
- Make sure the WOODPECKER and the supporting structure are dry and free of dirt.
- Use appropriate packaging to transport the products. e.g. a flightcase.
- Solely use by ADMIRAL approved parts to replace damage or lost parts.
- Do not re-zinc steel components as they might be subject to hydrogen embrittlement.



## WARNING

Make sure the WOODPECKER is fixed straight on the surface.

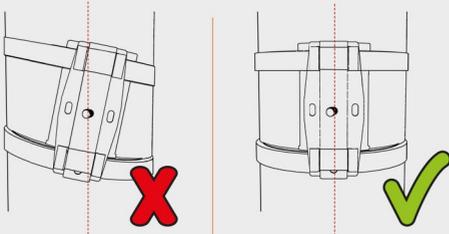


fig: 01

F

fig: 02

F



## WARNING

The allowable load from the WOODPECKER strongly depends on the supporting structure. This shall be checked by a competent person on a case-by-case basis.



## CAUTION

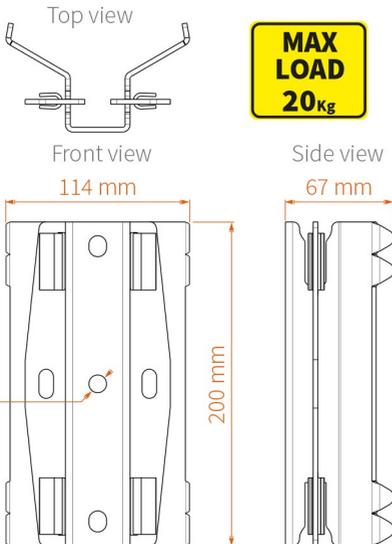
Do not throw the WOODPECKER, as it might damage the product.

## Technical data

Article code:	RIHABB00C
EAN:	8720094422473
Max load:	20 kg (200 N)
Material:	steel
Finish:	zinc plated
Colour:	silver
Dimensions:	200 x 114 x 67 mm (L x W x D)
Weight:	1.71 kg
Bolt quality:	8.8
Bolt type:	M10
Maximum mounting height:	4 m

Article code:	RIHABB00Z
EAN:	8720094422480
Max load:	20 kg (200 N)
Material:	steel
Finish:	powder coated
Colour:	black gloss 30% (RAL 9005)
Dimensions:	200 x 114 x 67 mm (L x W x D)
Weight:	1.71 kg
Bolt quality:	8.8
Bolt type:	M10
Maximum mounting height:	4 m

## 5. TECHNICAL DATA & LOADCHART



## Applicable Directives, Regulations, Standards and Information Papers

### Parts of the following standards and information papers are used

DGUV Information 215-313	Safety at productions and events for television, radio, film, theatre, exhibitions: Loads above persons (Formerly known as BGI 810-3)
EN 17206:2020	Lifting and load bearing equipment for stages and other production areas within the entertainment industry
BS 7905-1:2001	Lifting equipment for performance broadcast and similar applications. Part 1 specifications for the design and manufacture of above stage equipment

## 6. IDENTIFICATION



### WOODPECKER

- ❶ Grippers
- ❷ Strap protection
- ❸ Eye for safety cable attachment
- ❹ 11 mm hole for mounting
- ❺ 2 Ratchet straps, 25 mm width, 500 DAN

## 7. EXPLANATION OF THE STICKER



### WOODPECKER sticker

- |                |                            |
|----------------|----------------------------|
| ❶ Brand name   | ❺ EAN code                 |
| ❷ Product name | ❻ Weight                   |
| ❸ Article code | ❼ QR code to online manual |
| ❹ Barcode      | ❽ Max Load                 |

## 8. ASSEMBLY INSTRUCTIONS

### WARNING

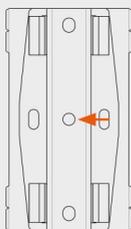
Inspect the WOODPECKER before use. Make sure all components (WOODPECKER and ratchet straps) are in place and in good order. If damaged, mark the item clearly and take out of service\*.

Make sure the WOODPECKER and ratchet straps are dry and free from dirt.

\*See chapter 11 for further instructions!

### WARNING

Insert the bolt into the centre hole and attach the equipment before mounting the WOODPECKER on the supporting structure. Use a minimum 8.8 quality bolt. Ensure the bolt is the correct length to secure the equipment properly.

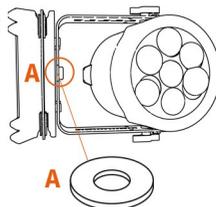


### Step 1

Attach the equipment to the WOODPECKER, fastened with a minimum torque setting of 15 Nm. 15 Nm is an equivalent value for “firmly hand tight by means of a spanner”.

There are two ways to use the WOODPECKER:

**1** mounting a fixture directly to the WOODPECKER.



### Note

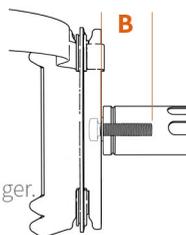
For ease of use place a ring (A) between the WOODPECKER and the fixture.

**2** Mounting a Admiral Low hanger 50 cm (RILHT50B) to create an outrigger.



### Note

Use an M10 bolt (8.8 quality) for mounting a Low hanger tube 50 cm onto the WOODPECKER. Make sure the bolt is screwed at least 40 mm (B) into the Low hanger.

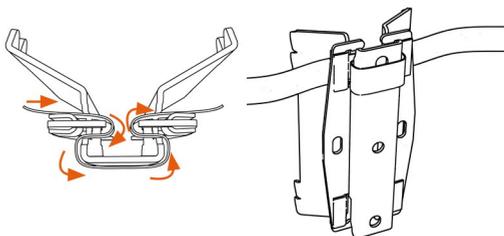


### WARNING

When using an Admiral Low hanger tube, only the 50 cm length (RILHT50B) can be used for this setup.

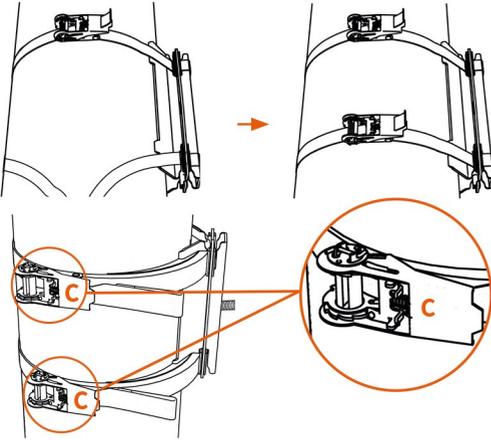
### Step 2

Before attaching the WOODPECKER to an object, attach the first ratchet strap to the WOODPECKER.



### Step 3

Secure the WOODPECKER to the supporting structure with the ratchet strap (C) and tighten it firmly as per the instructions on the strap. Afterwards attach the second ratchet strap in the same way as shown in **step 2**.



## WARNING

If the WOODPECKER is used to support loads above people, it might be necessary to secure the load with an additional safety cable. Make sure this cable is attached with as little slack as possible and has the correct load capacity.

In some countries the use of safety cables is not required if the clamp and the load attached to it can only be released by use of tooling. In that case, the bolt/nuts must be fastened with a minimum torque setting of 15Nm and the wingnut must be removed in order to create the condition to comply with this regulation (DGUV 215-313).



## WARNING

To avoid damage, roll up the strap well and tuck it away.

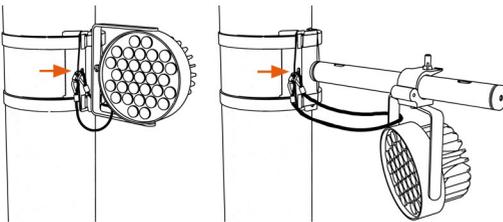


## WARNING

Ensure that two straps are used to secure the WOODPECKER at all times.

### Step 4

Secure the equipment with safety cables.



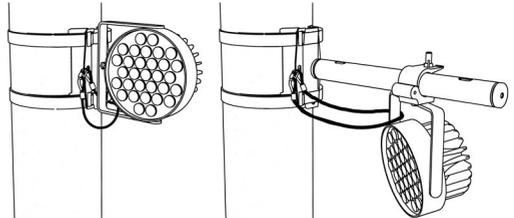
## WARNING

Check the integrity of the WOODPECKER after severe vibrations caused by sound systems or if the supporting structure was subject to severe movement e.g. due to winds.

## 9. DISASSEMBLY INSTRUCTIONS

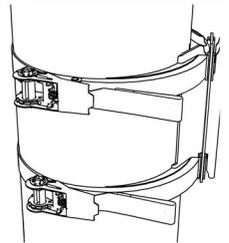
### Step 1

Remove the safety cables from the equipment.



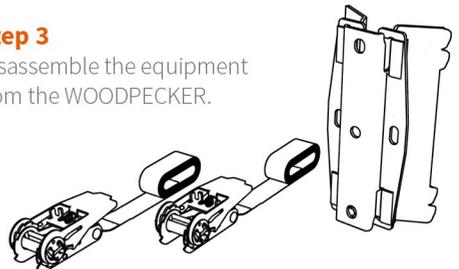
### Step 2

Release the ratchet straps from the supporting structure, while holding the equipment in its place.



### Step 3

Disassemble the equipment from the WOODPECKER.



## 10. STORAGE

The WOODPECKER 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



### CAUTION

When replacing parts, only use genuine ADMIRAL components.

### SAFETY INSTRUCTIONS

The WOODPECKER hardly needs any maintenance under normal use and environmental circumstances.

For safety reasons however, all parts must be checked regularly for dirt, damages, loss and corrosion.

The WOODPECKER 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.



### 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 products needs to be rejected from use.
- In general, deformations > 10% of a straight line from the outer surface mean the products needs to be rejected from use.
- Remove all sharp and rough feeling edges and surfaces by using sand paper or a file.
- Check ratchet straps for damage, if damaged, replace.
- Check welds for cracks, if cracked, replace.

## 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 non observance 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 WOODPECKER parts nor for any damage resulting from such changes.

# 13. MANUFACTURER'S DECLARATION OF CONFORMITY



## MANUFACTURER'S DECLARATION OF CONFORMITY

Rolight Theatertechniek  
Josink Kolkweg 10  
7545 PR Enschede  
The Netherlands

Herewith declares that:

### **ADMIRAL "Woodpecker tree/pole bracket"; Article code RIHABB00C and RIHABB00Z**

- the following harmonized standards have been applied (or parts/clauses of): EN 12100-1-2010
- the following technical regulations, standards and information papers have been used (parts/clauses of): EN 10204:2004, EN 17206:2020, BS 7905-1:2001, German DGUV 215-313

Enschede, The Netherlands 20-March-2025

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



**Rolight**

