



## USER INSTRUCTIONS

# Reach Pole MK2

Code

**LSYNRP MK2**

[lyon.co.uk/user-instructions](http://lyon.co.uk/user-instructions)



For more detailed user information and to download a PDF copy of these instructions follow the link above or scan the QR code with your smart phone.

Lyon Equipment Limited  
Units 3-7, Tebay Business Park,  
Old Tebay,  
Penrith,  
Cumbria, United Kingdom,  
CA10 3SS  
Tel: +44 (0) 15396 24040  
Email: [info@lyon.co.uk](mailto:info@lyon.co.uk)  
Web: [lyon.co.uk](http://lyon.co.uk)

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UI\_LSYNRP MK2\_17199

**This information to be read and kept for the lifetime of the product in conjunction with the Lyon General User Instructions and the connector User Instructions.**

### Quality assurance

Quality management system assessed and certified as meeting the requirements of ISO 9001.

### Nomenclature of parts

1. Connection eye
2. Bracket
3. Reach Pole
4. Tangs on Hook
5. Hook

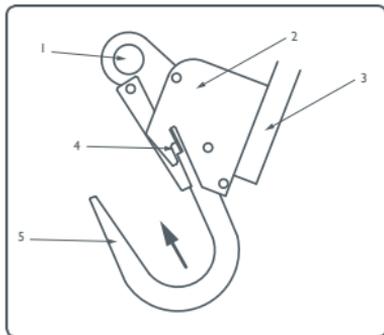
### Warning

Never use the Reach Pole to support a load. It is a placement tool only.

Never allow the Reach Pole to interfere with the operation of any safety device attached to the casualty.

Never allow the Reach Pole to come near or contact electrical transmission equipment - it is not insulated.

Never use the Reach Pole with an alternative connector. Use only the Hook supplied.



### Function

The Reach Pole provides a means of connection to a fallen worker (the casualty), while reducing the degree of exposure for the rescuer.

At its full length, the Reach Pole will reach a casualty suspended from a typical fully deployed fall arrest lanyard.

### MAXIMUM EXTENDED LENGTH 3.8 M

The Reach Pole is designed to be used with the Lyon Pick Off Rescue Kit, product code LSYNPRK.

The transport bags for both the Reach Pole and the Lyon Pick Off Rescue Kit will attach together for ease of transport.

Other rescue systems may be used with this reach Pole, if compatible. Seek the approval of the rescue kit manufacturer.

All other uses of this product are forbidden without the written approval from Lyon Equipment Limited.

### Use

Remove the Reach Pole from its transport bag and secure the cord lanyard to a suitable point. If the transport bag is secure, the cord lanyard may be left attached to the transport bag.

Attach the connector in the end of the Pick Off Rescue Kit rope (not supplied) to the connection eye of the Hook (1).

Place the Hook into the Bracket (2) ensuring the tangs on the Hook gate

locate into the bottom of the slot in the Bracket (4).

Unlock, extend and re-lock the Reach Pole (3), one section at a time whilst maintaining light tension on the rope.

Place the Hook into the designated attachment point on the casualty's harness.

Check the Hook is correctly and securely engaged into the attachment point on the casualty's harness by pulling on the rope.

Slowly withdraw the Reach Pole. This will release the Hook and close the gate.

**Once the Reach Pole is withdrawn, it is not possible to re-engage the hook!**

Re-check that the hook is attached to the designated attachment point on the casualty's harness and that the Hook gate has closed fully.

Continue with the casualty recovery operation using the Lyon Pick Off Rescue Kit

### Inspection

The Reach Pole should be subject to:

- Pre-use checks
- Thorough inspections (at least once every 6 months)
- Interim inspections (as appropriate)

The checks should be undertaken in good light. Any item showing any defect should be withdrawn from service immediately.

If in any doubt as to the condition of the product, it should be withdrawn from use immediately and not used again unless confirmed by a competent person that it is acceptable to do so.

It is recommended the Reach Pole is marked with the date of the next or last inspection.

Check that any labels and markings are still intact and readable.

The Reach Pole and any accessories should be checked for signs of overloading, correct functioning, damage, including wear, corrosion, cracking, abrasion or deformity - list not exhaustive.

### Markings

|   |  |
|---|--|
|  | Manufacturer's logo  |
|  | Refer to user instructions   |
| Date  | The date of manufacture in the following format:<br>Day Month Year |
| Serial No.  | Serial number  |

*End of document*





# General user instructions

Lyon Equipment Limited  
Units 3-7, Tebay Business Park,  
Old Tebay,  
Penrith,  
Cumbria, United Kingdom,  
CA10 3SS

Tel: +44 (0) 15396 24040  
Email: [info@lyon.co.uk](mailto:info@lyon.co.uk)  
Web: [lyon.co.uk](http://lyon.co.uk)

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For more detailed user  
information and to  
download a PDF copy  
of these instructions  
follow the link above or  
scan the QR code with  
your smart phone



## **WARNING**

Make sure that you have read and understood these instructions before using this equipment. These user instructions are to be read and kept along with any other user information provided.

Activities at height are hazardous and may lead to injury or death. It is the user's responsibility, at all times, to ensure that they understand the correct use of any equipment supplied by or through Lyon Equipment, use it only for the purposes for which it is designed, and practice proper safety procedures including having a rescue plan in case of emergency.

This product must not be used outside its limitations, or for any purpose other than those described in the user instructions. Misuses forbidden in these instructions are examples only; many other misuses may exist which could lead to injury or death.

Please note, the information in these user instructions is not exhaustive, and is not a substitute for comprehensive instruction and training by a competent person.

Lyon Equipment is not responsible for any consequences, whether direct, indirect or accidental, resulting from the use of its products. If you are unsure about the correct use of this product, please contact us.

## **Who can use this equipment**

This equipment should only be used by trained, competent and responsible persons, or the user should be under the direct supervision of a trained, competent and responsible person.

Activities at height should not be undertaken by persons affected by alcohol or drug dependence, diabetes, epilepsy, fits, blackouts, fear of heights, vertigo / dizziness / difficulty with balance, heart disease / chest pain, high or low blood pressure, impaired limb function, obesity, psychiatric illness, musculoskeletal issues, e.g. a bad back.

## **General instructions for use**

Equipment must be checked before each use, to ensure it is serviceable and operates correctly. Checks should also be carried out during use. In addition, a thorough inspection by a competent inspector should be carried out in strict accordance with these user instructions, and a record kept of these inspections.

This product may be used with any compatible item of Personal Protective Equipment (PPE) which conforms to the European Union Directive 89/686/EEC, keeping in mind the limitations of each item in the safety chain. It should be noted that a full body harness is the only type of harness which may be used in a fall arrest system.

The anchor device or anchor point is of primary importance and should be unquestionably reliable. It should be strong enough to withstand the

foreseeable maximum load that could be applied e.g. in the event of a fall.

When selecting an anchor, the anticipated directions of loading and potential loads should be taken into account.

Anchors should be selected and positioned to allow work to be carried out in such a way as to minimise the potential for a fall and potential fall distance, for example by keeping the anchor point / device above the user.

Anchors should not have sharp or rough edges which could damage equipment (use edge protection if necessary).

On each occasion of use, verify the free space required beneath the user in order to avoid an impact. Always try to place protection so that any fall will be stopped before the user hits the ground or any other obstruction. Remember to allow for rope stretch and slippage in the belay device or rope ascender / descender. In a fall arrest situation, the user must be protected from dynamic forces of greater than 6 kN in the event of a fall, e.g. by use of a fall arrest system incorporating an EN 355 energy absorber.

### **Maintaining your equipment**

Wash in clean water not exceeding 30°C with pure soap and rinse in clean cold water. Do not use chemical products, solvents or detergents – these should be regarded as harmful.

Due to the difficulties in effectively disinfecting equipment, we recommend

that any contaminated equipment should be withdrawn from use and disposed of in a suitable manner.

Equipment must be clean and dry before storing. Always allow to dry naturally, away from direct heat. Equipment should be stored in a cool, dry, well-ventilated area, away from excessive heat, high humidity, sharp edges, corrosives, sunlight or other sources of ultraviolet light (UV) and other possible causes of damage.

During transport, this product should be protected from abrasion, mechanical damage, chemical contamination, UV and heat.

### **Textiles**

Always keep textile items at temperatures between -30°C and +50°C.

### **Metal items**

Always keep metal items at temperatures between -20°C and +60°C.

No alterations, additions or repairs may be made to this product without the manufacturer's prior written consent; if done, the repair must be carried out by a competent person for repair authorised by Lyon Equipment to make the repair, and in accordance with specified procedures.

These instructions must be strictly adhered to.

## Inspection

A thorough inspection should be carried out at least every 6 months by a competent inspector in accordance with these user instructions. A record of these checks should be kept with the product along with these user instructions. In addition, interim inspections should be carried out where products are used intensively, or in particularly harsh environments where damage is more likely to occur, or where legislation or the type of equipment make it necessary.

Pre-use and thorough inspections are essential because the user's level of protection depends on the continuing correct performance of this product.

PPE (Personal Protective Equipment) inspection training is available from Lyon Equipment.

### **Lifetime, and when to withdraw your equipment from use**

Withdraw your equipment from use if any one of the following applies:

- It shows sign of wear and tear / damage that may affect performance
- Markings on the product are no longer legible
- You suspect it may have been exposed to chemical contamination or extreme temperatures
- It fails a periodic examination
- It has been used to arrest a fall or has been excessively loaded

- It is more than 10 years after the date of manufacture (textile items or items with textile components). Metal items have a potentially indefinite lifespan if stored correctly.
- If you have any reason to doubt that it is safe to use.

It is the responsibility of the competent inspector to decide whether the equipment should be put back into use, or permanently withdrawn from use. Equipment permanently withdrawn from use must be destroyed, and should be recycled where facilities exist.

Certain environmental elements will considerably accelerate wear: salt, sand, dust, snow, ice, moisture, chemicals, sunlight (UV radiation) – list not exhaustive.

Warning: the safe working life of this product may be as short as its first use in extreme circumstances.

If in doubt, do not hesitate to scrap this product.

### **Guarantee**

In the event of any defect in materials or workmanship please return the product to the dealer, distributor or manufacturer within 3 years of purchase for inspection. We will replace or repair as required. This guarantee does not cover normal wear and tear or accidental damage.

### **Note to resellers**

If the product is re-sold outside the UK and Eire, but within the EU, the reseller is responsible for providing instructions for use, maintenance, periodic examination and for repair in the language of the country in which the product is to be used.

If you require the Intrastat commodity code / customs tariff code or NATO stock number (where applicable) for this product, please contact us via [lyon.co.uk](http://lyon.co.uk)

### **Inspection records**

A record must be kept for each component, subsystem and system, including name and contact details of the manufacturer or supplier, product description, serial number, year of manufacture, date of purchase, date of first use, any other relevant information, and history of periodic examinations and repairs, the name and signature of the competent inspector and the next due date for inspection. An example of a suitable equipment record is shown on this user instruction and can also be downloaded at [lyon.co.uk](http://lyon.co.uk)

Local jurisdiction may dictate that extra information be recorded in the inspection record – check your country's legal requirements. Some products may have features which need special monitoring during periodic inspections, e.g. wear indicators, in which case this information should also be recorded on the inspection record.

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## Explanation of symbols

|   |                            |
|---|----------------------------|
|    | Refer to user instructions |
|    | Permitted use              |
|    | Caution                    |
|    | Danger of death            |
|    | Telephone number           |
|    | Anchor point               |
|   | Rope diameter              |
|  | Cable                      |
|  | SWL<br>(Safe Working Load) |

