



## Luna Mover

Motorised ceiling  
cassette for Luna  
IPx4

User manual

### Important information

Please read this user manual carefully before using the product!

This user manual is intended as a guide for caregivers and other users, as well as technical personnel during servicing and maintenance of the product.

Date: 01-06-2017

Version 2



Scan the QR code for more information



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## 7 QUICK GUIDE

# 1 PURPOSE AND SAFETY

Luna Mover is a motorized cart for Luna IPx4 2 channel. The Mover can transfer up to 275 kilos in the following tracks by Winncare Nordic ApS: 135, 75 and 75 embedded including curves and door connectors.

## 1.1 Purpose

The purpose of the Luna Mover is to give powered assistance to the caregiver when making horizontal patient transfers.

If a person is capable of fitting themselves into a sling the Luna Mover can be used independently – without help of a caregiver.

The Luna Mover is not bound to one user only, but can easily be passed on to a new user after thorough cleaning (See 3.1).

**NOTE:** Do not use the Luna Mover for purposes other than originally intended.

## 1.2 Safety instructions



### **Important - Warning!**

**Read user manual and safety instructions before using the product.**

- NEVER use the Luna Mover if there are any indications of wear or suspicion of other defects on the track systems, the Luna Mover, hoist or on the accessories. In such cases the Mover must be taken out of service immediately and you must contact your dealer or Winncare Nordic ApS.
- Make sure that neither caregiver nor patient can be injured when carrying out lifts and transfers. Always check surroundings and move obstacles out of the way.
- For independent use an emergency call system is required.

**NOTE:** Read the user guide for Luna IPx4 before using the Luna Mover.

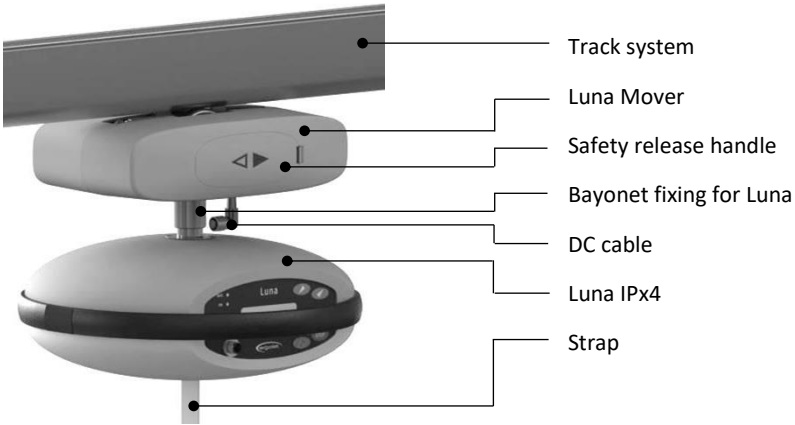
## 1.3 Before use

The caregiver or user is responsible for making the following checks before use:

- The caregiver and user have received instructions or read the user manual for the Luna Mover.
- Ensure that the annual service check has been carried out.
- If in doubt about how to use the Luna Mover please contact your dealer or Winncare Nordic ApS for advice and guidance.

# 1.4 Terminology

## Luna Mover



# 1.5 Unpacking

Check that all the parts are present and undamaged. Any suspicion of damage or shortage should be reported to your dealer or Winncare Nordic ApS.

We recommend that the packing carton is stored for later transport or return shipment.

### Contents of the box

- 1) Luna Mover
- 2) User manual
- 3) Quick guide
- 4) Stickers for direction indication



# 1.6 Transport

If the Luna Mover is to be transported between sites it is recommended to use the original packaging.

In case of return shipment of the Luna Mover the original packaging must be used. If unable to do so the user must find a suitable alternative that ensures proper protection of the Luna Mover during transport.

Symbols are printed on the packaging to ensure the best information for carrier companies.

## 2 INSTALLATION AND OPERATION

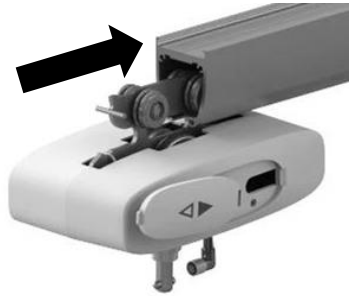
### 2.1 Installation and use of the Luna Mover

#### Installation

The Luna Mover is to be installed by a qualified technician.

- 1) Unlock the Luna Mover (See 2.2).
- 2) Insert in track system
- 3) Lock the Mover and click the safety release handle back in place

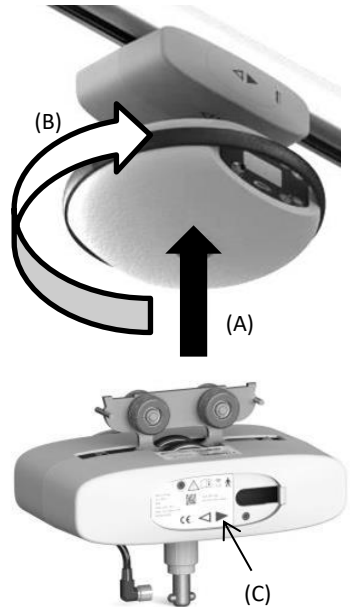
**Note:** Refer to track system installation guide to ensure end stop and other track parts are installed correct.



The Luna Mover cannot be inserted if it is locked. Do not place your fingers between the track and the Luna Mover when operating the safety release handle.

#### Mounting Luna IPx4 ceiling hoist

- 1) Check that the safety release handle is not activated. If done correctly, the Luna Mover cannot be moved by hand (See 2.2).
- 2) Lift up the ceiling hoist (A) and connect to the Luna Mover (resistance will be felt since the bayonet mount is spring loaded).
- 3) Push up and turn the ceiling hoist 90° clockwise (B). When the hoist is in place a click will be heard and the hoist is locked in place.
- 4) Attach the power cable in the socket opposite the handset connection.
- 5) Direction arrows must match the reference sticker behind the safety release handle (C).



The Luna Mover is ready for use if all assembly instructions have been followed correctly.

**Note:** The supplied stickers can be placed on the ceiling hoist to indicate the driving direction. Make sure they match the reference sticker.

## Dismounting Luna IPx4 ceiling hoist

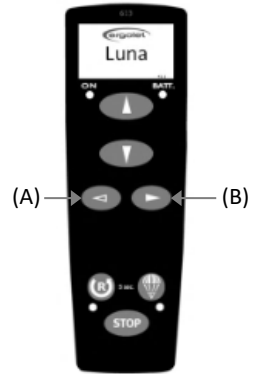
- 1) Make sure the Luna Mover cannot be moved by hand (See 2.2).
- 2) Detach the power cable from the Luna.
- 3) Press the ceiling hoist upwards against the Luna Mover and turn 90° counter clockwise.

## Operating the Luna Mover

- 1) Connect the hand control to the Luna ceiling hoist.
- 2) Press one of the horizontal buttons (A or B) to activate the Luna Mover. When a button is released the Luna Mover stops.



The direction arrows on the Luna Mover match the horizontal arrows on the hand control. They indicate which direction the Mover will move when operated.



## 2.2 Operation of safety functions

### Safety release handle:

In case of a Luna Mover malfunction it will not be able to move. Should a patient be suspended during a malfunction the safety release handle can be used to unlock the Luna Mover moving function – it can now be moved manually.

### Unlocking

1. Remove the safety release handle.
2. Use the safety release handle as a key to unlock/lock the moving function (See Quick guide for use, page 12).

**Note:** The safety release handle can be operated from one side only. If the reference sticker is visible operate from the other side.

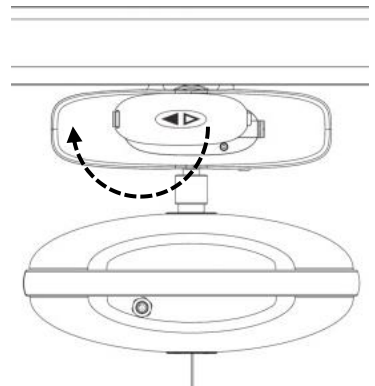
### Locking

1. Turn the safety release handle 180°.
2. Remove safety release handle and click back in place.



Do not place your hand between the Luna Mover and track system when locking the Mover.

Click the safety release handle back in place after use to avoid driving direction confusion.





**Note!** Scan the QR-code and see the instructions on video.

## 3 MAINTENANCE

### 3.1 Cleaning

The Luna Mover should be cleaned using a slightly damp cloth with a small quantity of standard household cleaning agent or use surgical spirit to over-drying.

Strong chemicals or abrasive agents must not be used.

### 3.2 Storage

The Mover must be stored in a dry environment with relative humidity under 70%.

## 4 CHECK, WARRANTY AND TROUBLESHOOTING

### 4.1 Annual check and warranty

The Luna Mover must always be repaired and maintained by qualified personnel.

The manufacturer Winncare Nordic ApS recommends that the Luna Mover **MUST** be checked by a qualified technician at least once a year in accordance to Winncare Nordic ApS service instructions. An annual check is also recommended to the European Standard (EN/ISO 10535) for patient lifters/hoists including ceiling hoist.

It is the legal owner's duty to ensure that these checks are carried out on the product.

The following items is to be inspected during the annual check:

- Cart wheels and bearings
  - Check for noise and change if necessary
- Driving wheels/Rubber discs
  - Clean for dust and check for wear
- Bearings for driving wheel
  - Check if worn down, change if necessary
- Wire and motor connection
  - Check for defect
- Safety release system
  - Check for defect
- Overall condition
  - Cracks, wear and tear, etc.



If it is necessary to replace any parts due to wear or damage, Winncare Nordic ApS recommends for safety reasons to use only original spare parts. Use of non-original spare parts will void warranty.

## Warranty

There is a 5-year warranty on the product conditional on annual service and maintenance being carried out, according to the above service guidelines. See further warranty conditions on [www.ergolet.com](http://www.ergolet.com)

## 4.2 Troubleshooting

<b>Fault:</b>	<b>Possible cause</b>	<b>Solution</b>
The Luna Mover does not react when the hand control LEFT/RIGHT are used.	Batteries are not fully charged or defective.	Charge the Luna ceiling hoist as described in Luna user manual
	The emergency stop is activated on the Luna and the red light is on.	Deactivate emergency stop. Hold "R" button on the hand control for 5 seconds.
	The power cable is not properly connected.	Attach power cable as seen in 2.1
	Defective hand control.	Check if up/down buttons on the hand control works. If not try a different hand control or order a new from the dealer or Winncare Nordic ApS .
	Defective Luna	Check the chapter "troubleshooting" in the Luna user manual.
<b>Fault:</b>	<b>Possible cause</b>	<b>Solution</b>
The Luna Movers motor is running but it is not moving.	The Luna Mover is unlocked.	Use the safety release handle to lock the Luna Mover (See 2.2).

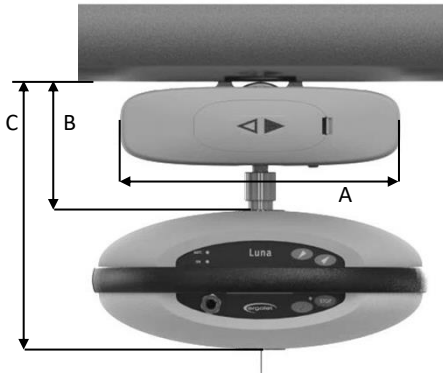
## 5 TECHNICAL DATA AND DIMENSIONS

### 5.1 Technical specifications

Max capacity:	275 kg
Horizontal transfer speed:	0.25 m/s
Weight:	2.9 kg
Measurements:	270 x 180 x 200 mm
V In:	24 V
Covering:	High impact, moulded ABS
Noise:	During transfer without load: 60dB(A) During transfer with 275 kg: 55dB(A)
IP-class	IPx4

### 5.2 Dimensions

#### Measurements



A) Width of Luna Mover	270 mm
B) Height: Track to Luna	123 mm
C) Height: Track to strap	258 mm

## 6 ENVIRONMENT AND QUALITY

The Luna Mover has an expected life time of a minimum of 10 years conditional on annual service and maintenance being carried out.

### 6.1 Disposal

Disposal of the Luna Mover can be made through Winncare Nordic ApS which will ensure the different parts are recycled or reused in an environmental friendly way.

Parts that contain aluminium, plastics and steel may damage the environment if not handled in an environmentally responsible way.



### 6.2 Quality

Winncare Nordic ApS is certified according to the quality standard ISO 9001 and ISO 13485.

These certifications mean that the products and the company comply with the international standards for quality management and standards for traceability of medical products.

Luna Mover is classified as a Medical Device, Class 1 product.

### 6.3 Symbols and abbreviations



Direct current



Type B, patient is not separated from the ground



The product should be recycled where possible

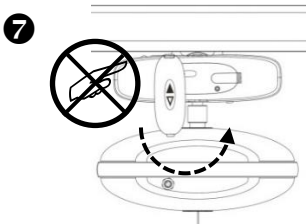
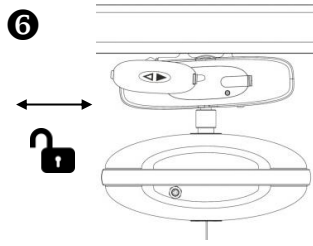
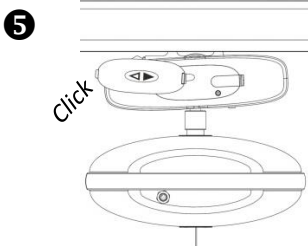
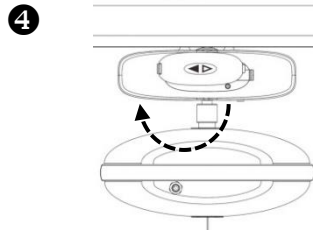
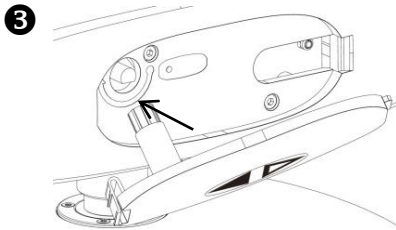
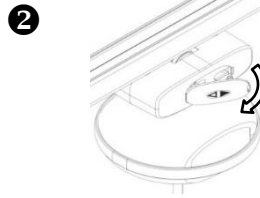
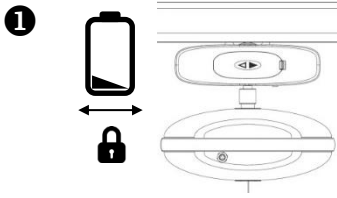




Refer to the user instruction


**SWL**

Safe Working Load = (user + sling)


# Quick guide Luna Mover



 **SWL 275 kg**

Scan the QR-code for more information



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