



Tilting spreader bar

Accessory 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: 06-03-2018

Version: 3



Scan the QR code for more information

CONTENTS

1	PURPOSE AND SAFETY	4
1.1	Purpose	4
1.2	Safety instructions	4
1.3	Before use	4
1.4	Terminology	5
1.5	Unpacking	5
1.6	Transport	5
2	INSTALLATION AND OPERATION	6
2.1	Mounting of the DPS	6
2.2	Operating the DPS	6
3	USING THE DPS	7
3.1	Compatible slings	7
3.2	Bed to chair	7
3.3	Chair to bed	7
4	MAINTENANCE	8
4.1	Cleaning	8
4.2	Storage	8
5	CHECK, WARRANTY AND TROUBLESHOOTING	8
5.1	Annual check and warranty	8
5.2	Troubleshooting	9
6	TECHNICAL DATA AND DIMENSIONS	9
6.1	Technical specifications	9
6.2	Dimensions	10
7	ENVIRONMENT AND QUALITY	11
7.1	Disposal	11
7.2	Quality	11
7.3	Symbols and abbreviations	11

1 PURPOSE AND SAFETY

The tilting spreader bar is an add-on for the Luna IPx4 2 channel model. The tilting spreader bar works as a dynamic positioning system (DPS) and will be referred to as **DPS** in this user guide.

The DPS is powered, meaning that it is operated by the Luna hand control. This allows for powered patient positioning, resulting in less strain on the caregiver.

The DPS is rated for 275 kg.

1.1 Purpose

The purpose of the DPS is to ease the transition of a suspended person from (a) sitting position to (b) lying down position. It also allows the caregiver to reposition the angle of the suspended patient while in the sling to facilitate a more comfortable and optimal user position.

The DPS is suitable for all types of users, especially users having difficulty in reaching a 90-degree sitting position, for example due to their medical condition.

After thorough cleaning the DPS can be used by multiple users (See 4.1).

NOTE: Do not use DPS 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 DPS if there are any indications of wear or suspicion of other defects on the track systems, the Luna, accessories and the DPS itself. In such cases the DPS must be taken out of service immediately and you must contact your dealer or Winncare Nordic.
- Take the necessary steps to ensure that neither caregiver nor patient can be injured when carrying out lifts, transfers and tilts. Always check surroundings and move obstacles out of the way.
- Always ensure that the sling is attached correctly, before lifting a patient.

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

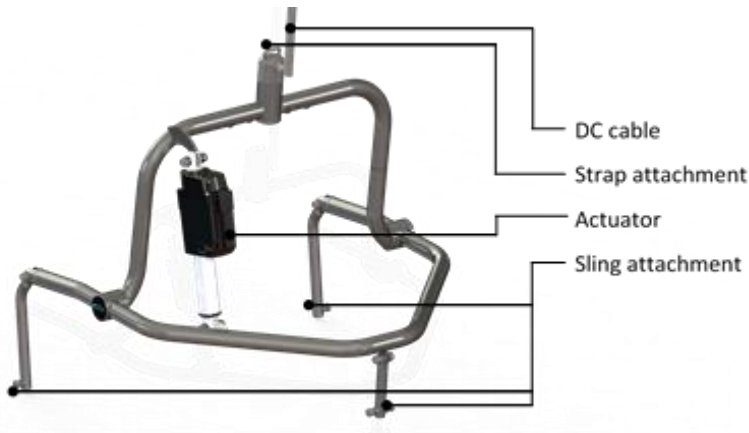
1.3 Before use

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

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

1.4 Terminology

The DPS



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.

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

Contents of the box

- 1) The DPS
- 2) User manual
- 3) Label for hand control



1.6 Transport

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

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

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

2 INSTALLATION AND OPERATION

2.1 Mounting of the DPS

Mounting the DPS

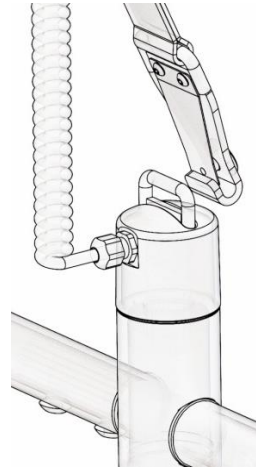
The DPS is mounted the same way as other Winncare Nordic spreader bar models with strap.

- 1) Lift the spreader bar. Hold the strap and depress the safety spring-plate on the hook.
- 2) Attach the hook onto the attachment point on the spreader bar and release the safety spring plate.
- 3) Ensure that the hook is safely locked onto the spreader bar attachment point.
- 4) Connect the DC cable to the Luna. The socket is located on the side opposite the hand control socket.

The DPS is ready for use if the instruction has been followed correctly.

Detaching the DPS

- 1) Detach the DC cable
- 2) Press in the spring-plate on the hook.
- 3) Tilt the hook to detach the spreader bar.

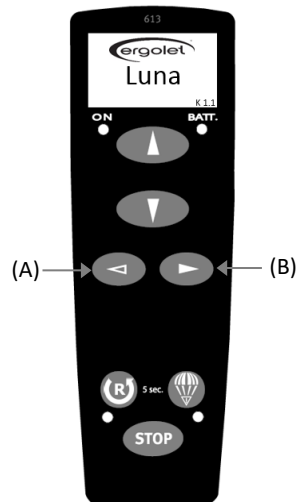
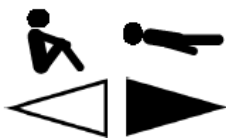


2.2 Operating the DPS

Operating the DPS

- 1) Connect the hand control to the Luna ceiling hoist.
- 2) Press one of the horizontal buttons (A or B) to activate the DPS.

Button A moves the DPS to the sitting position and button B to lying position as seen in the pictogram.



3 USING THE DPS

3.1 Compatible slings



Important - Warning!
Use only slings intended for the DPS.

The DPS is compatible with slings of the type “clip slings” as seen on the right.

All 4 attachment points must be used to ensure the right stability of the DPS.

Make sure all 4 clip fixings are mounted correctly on the attachment points before carrying out a lift.

If in doubt contact Winncare Nordic for assistance choosing the right sling.

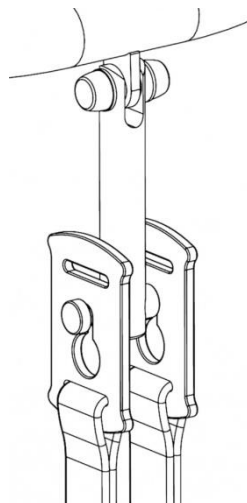


3.2 Bed to chair

When lifting a patient from a bed the DPS should be positioned in the lying position.

For a smooth transfer, the caregiver can use the bed's adjustment functions if available.

Position the patient in a semi-supine position and adjust the DPS to place the patient in the best position. Doing this allows easier access to the patient.



3.3 Chair to bed

When lifting a patient from a chair or similar the DPS should be positioned in the sitting position.

If it is a wheelchair with an anti-tilt function, this can be used to position the patient.

The DPS can be activated while attaching the sling to allow easier access to the rear attachment points.

4 MAINTENANCE

4.1 Cleaning

The DPS should be cleaned using a slightly damp cloth with a small quantity of standard household cleaning agent or surgical spirit.

Strong chemicals or abrasive agents must not be used.

4.2 Storage

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

5 CHECK, WARRANTY AND TROUBLESHOOTING

5.1 Annual check and warranty

The DPS must always be repaired and maintained by qualified personnel.

The manufacturer Winncare Nordic recommends that the DPS MUST be checked by a qualified technician at least once a year in accordance to Winncare Nordic's service instructions. An annual service check is also recommended according 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 service checks are carried out on the product.

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

- Bolts
 - Check for loose bolts and nuts.
- Actuator
 - Check for unusual sounds.
 - Check piston rod for lubrication. Apply new if dried out.
- Strap attachment point
 - Check that the plastic cap with cable gland and cable are attached.
 - Check that the DPS can turn without turning the strap.
 - Check wire for cracks, etc.
- Overall condition
 - Cracks, wear and tear, etc.

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

Warranty

There is a 2-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.Winncare.dk

5.2 Troubleshooting

Fault:	Possible cause:	Solution:
The DPS does not react when the hand control LEFT/RIGHT are used.	Batteries are not 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. Press "R" button on the hand control for 5 seconds.
	The DC cable is not properly connected.	Attach DC cable as seen in 2.1. Check that the DC cable going into the actuator is connected.
	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.
	Defective Luna	Check the chapter "troubleshooting" in the Luna user manual.

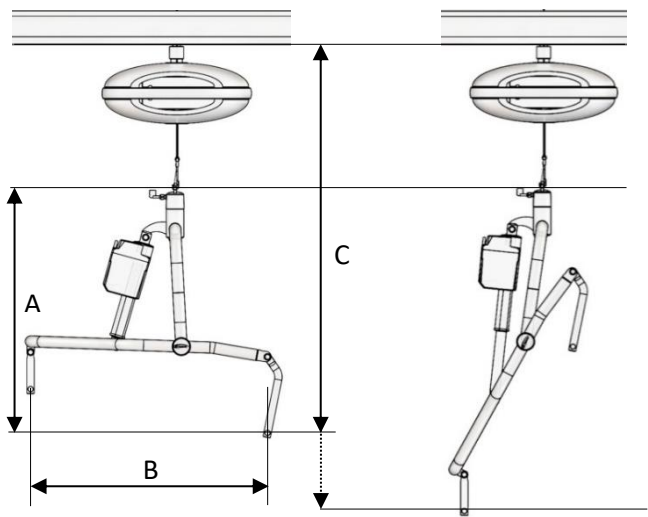
6 TECHNICAL DATA AND DIMENSIONS

6.1 Technical specifications

Max capacity:	275 kg
Weight:	7.0 kg
Measurements:	575 x 530 x 550 mm
V In:	24 V
Noise:	Tilting without load: 40 dB(A) Tilting with 275 kg: 45 dB(A)
IP-class:	IPx4
Repositioning	13 seconds (275 kg)

6.2 Dimensions

Measurements



(All dimensions in mm)

	Lying position	Sitting position
A) Height	550	750
B) Width	525	170
C) Track to sling attachment point	864	1070

7 ENVIRONMENT AND QUALITY

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

7.1 Disposal

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

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



7.2 Quality

Winncare Nordic 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.

The DPS is classified as a Medical Device, Class 1 product.

7.3 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

Manufacturer:

Winncare Nordic ApS
Taarnborgvej 12 C
4220 Korsoer
Denmark

Phone: + 45 70 27 37 20
Fax: + 45 70 27 37 19
E-mail: info@Winncare.dk
www.Winncare.dk

93/42/EEC CLASS I
EN/ISO 10535
EN 60601-1-2
910-00786UK

