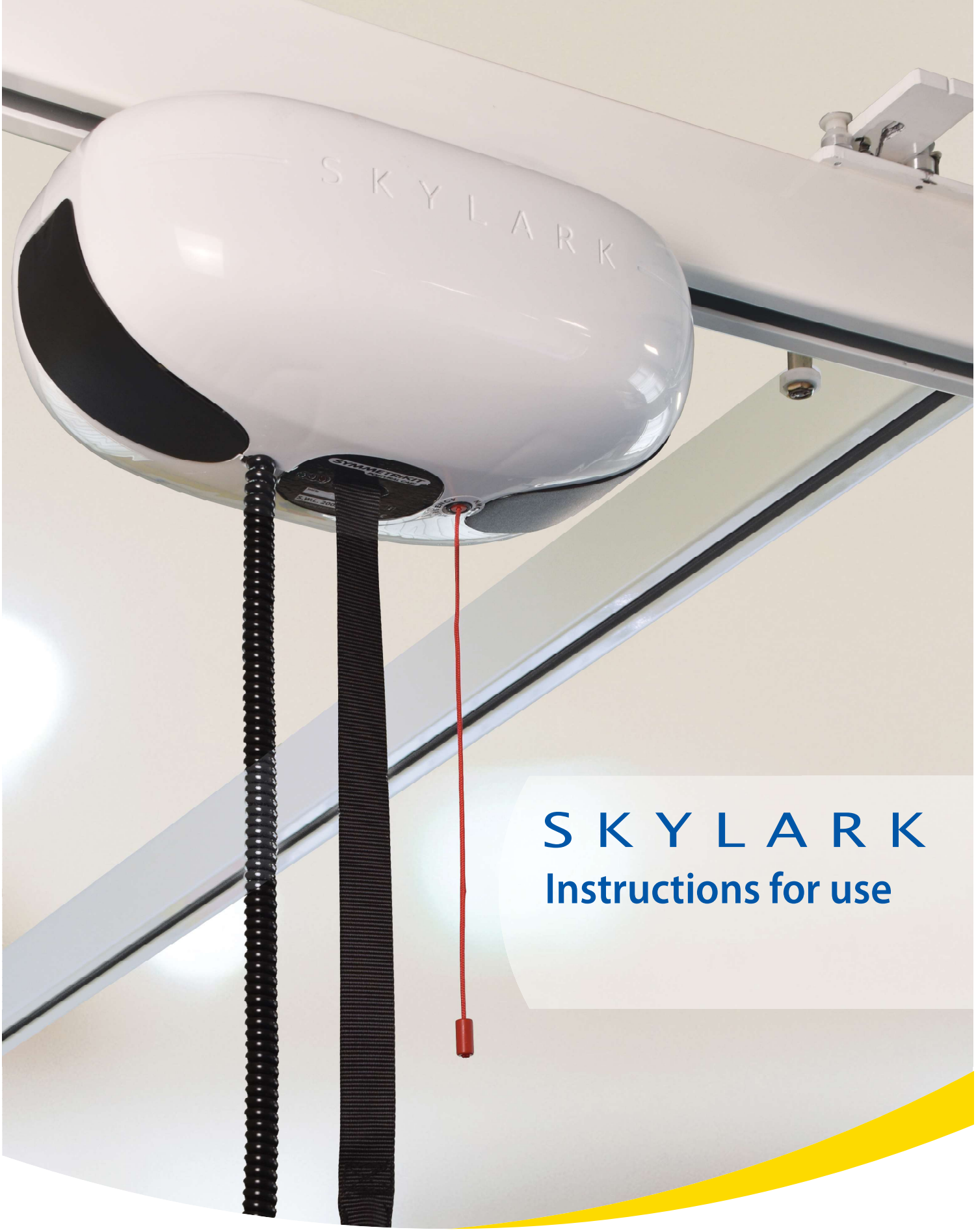


SKYLARK

Instructions for use

SUNRISE MEDICAL

SYMMETRIKIT SERVICE

PLEASE READ THESE INSTRUCTIONS CAREFULLY AND KEEP FOR FUTURE REFERENCE
Please familiarise yourself with this product and procedure BEFORE attempting any lifts!

SKYLARK HOIST GUARANTEE

The SKYLARK Hoist is guaranteed for a period of one year from the date of purchase against mechanical and electrical defects. It is particularly important that the purchaser should carefully read these instructions in order to get maximum use from this product. Any defects in the parts or materials used in this SKYLARK Hoist occurring within 12 months of the date of purchase, will be rectified without charge if evidence of the said date of purchase is provided showing that the relevant hoist was brought within this period.

Please note that any incorrect use of the SKYLARK System including batteries and accessories may invalidate the guarantee. For more information please contact our Service Department on (+44) 01531 634468.

It is the policy of SYMMETRIKIT to constantly improve its product range, therefore the technical specifications of this product are subject to change without notice.

Life expectancy
We estimate a life expectancy of five years for this product, provided that:
- It is used in strict accordance with the intended use as set out in this document.
- All maintenance and service requirements are met.

The estimated life expectancy can be exceeded if the product is carefully used and properly maintained, provided that technical and scientific advances do not result in technical limitations.
The life expectancy can also be considerably reduced by extreme or incorrect usage.
The fact that we estimate a life expectancy for this product does not constitute an additional warranty.

Intended use: The intended use of this hoist, its body-support unit accessories are designed to assist in the moving and handling of disabled persons.





Max. Safe User Weight 200 kg / 440 lbs*

*** PLEASE NOTE: In certain circumstances the track's safe working load (SWL) will be down rated due to the increase in track spans. If this is the case, the SWL will be clearly displayed on the track.**

IMPORTANT NOTE FOR ALL USERS!

The SKYLARK System consists of the hoist, hanger bar and sling - but each individual safe working load (SWL) may differ. Where this is the case, please use the SWL of the lowest rated item, for example:

Hoist (SWL - 200kg)

Hanger Bar (SWL - 200kg)

Sling (SWL - 175kg)

Therefore, the maximum safe working load that can be lifted using this combination is 175kg.

The SKYLARK has been tested in to IEC 60601-1 (Edition 3.2) - the basic safety and essential performance requirements of medical electrical equipment, and serves to ensure that no single electrical, mechanical, thermal or functional failure shall pose an unacceptable risk to patients and/or operators.

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Please contact us if you require further information in relation to any part of this IFU:

SYMMETRIKIT Service

Bromyard Road, LEDBURY, Herefordshire, HR8 1NS

tel: + **44 (0)1531 634468** fax: + **44 (0)1531 638059**

email: **service@SYMMETRIKIT.com**

Medical device symbol glossary

MD — This symbol means Medical Device	UK CA — UKCA Mark	CE — CE Mark	Consult Instructions for use
Manufacturer's address	EC REP — European Authorised Representative	CH REP — Swiss Representative's address	Importer's address
LOT — Batch code	REF — Catalogue number	UDI — Unique device identifier	SN — Serial number
DANGER! Warning messages regarding possible risks of serious accident or death	WARNING! Warning messages regarding possible risks of injury	CAUTION! Warning messages regarding possible technical damage	Do not use if package is damaged and consult the Instructions For Use
xxxx-xx-xx — Date of manufacture	kg XXX Kg — Load Maximum	Distributor's address	Keep dry

SAFETY

WARNING! **INSTALLATION CAN ONLY BE DONE BY TRAINED PROFESSIONALS. THE INSTALLATION OF THE SKYFRAME HOIST AND ITS ACCESSORIES SHALL INCLUDE A CERTIFICATE OF CONFORMITY VERIFYING THAT THE INSTALLATION WAS DONE PROPERLY AND THE DEVICE IS READY TO PERFORM SAFELY AS THE MANUFACTURE INTENDED.**

WHEN INSTALLING IN POOLS: TO PREVENT SPLASHING THE CASSETTE - WHICH COULD CAUSE DAMAGE TO THE ELECTRONICS - THE CASSETTE MUST BE SUSPENDED AT LEAST 2M ABOVE WATER SURFACE, ANY LOWER AND A RISK ASSESSMENT SHOULD BE CONDUCTED.

WARNING! **INCORRECT USE OF THIS PRODUCT CAN CAUSE ACCIDENTS!**
This product should only be operated by a trained, competent person at all times. Please ensure that all staff are familiar with the following restrictions and instructions.

- ALWAYS TRANSFER SLOWLY AND WITH CARE TO ENSURE THAT THE PATIENT DOES NOT SWING.
- PLEASE CHECK THE LIFTING TAPE FOR SIGNS OF WEAR BEFORE EACH LIFT (see page 7) AND PLEASE CONTACT SYMMETRIKIT SHOULD ANY DAMAGE BE APPARENT.
- ALL USERS SHOULD FAMILIARISE THEMSELVES WITH THE EMERGENCY DOWN PROCEDURE!

CONTRA INDICATIONS

- DO NOT use when battery light is flashing red
- DO NOT use if the hoist or any of its accessories show signs of damage
- DO NOT GET WET
- DO NOT use unless you have been fully trained on how to operate the SKYLARK and its accessories
- DO NOT exceed the specified safe working load (SWL)
- DO NOT lift a person unless correctly slung using hanger bar and sling
- DO NOT lift person into reach of track
- DO NOT lift multiple persons using one hoist
- DO NOT exceed the duty cycle - approx 30 seconds of use: 120 seconds of rest
- DO NOT use if the handset has been immersed in water until it is thoroughly dried
- This device is designed for patient handling – It should not be used by the person being transferred or for transferring anything other than slung patients

ANY SERIOUS INCIDENT THAT HAS OCCURRED IN RELATION TO THIS DEVICE SHOULD BE REPORTED TO THE MANUFACTURER AND THE COMPETENT AUTHORITY OF THE MEMBER STATE IN WHICH THE USER AND/OR PATIENT IS ESTABLISHED.

CAUTION! **SAFE USE OF YOUR SKYLARK HOIST**
THE SKYLARK HOIST SHOULD ONLY BE USED WITH THE SKYFRAME TRACK, TURNTABLE AND OTHER ACCESSORIES FROM THE SKYLARK/SKYFRAME RANGE, UNLESS FITTED WITH THE APPROPRIATE SYMMETRIKIT CONVERSION KIT* FOR A THIRD PARTY TRACK. *(*speak to your SYMMETRIKIT Rep for more details).*

SLINGS - It is recommended to use SYMMETRIKIT's Hanger Bars and Slings with this SKYLARK System. When attaching a hanger bar or sling to the hoist, always check the instructions for use (IFU) and make sure the correct combination of appropriate hanger bar and sling are compaitable. Should you choose to use other manufacturer's slings, they must be compatible with the type of hanger bar used. It is also important that they carry their own load test certificate.

MOVING THE HANGER BAR - When moving the hanger bar to the patient, always stabilise and guide the hanger bar by hand. A loose hanger bar could swing and cause injury to the patient or user.

SAFETY CONT.

MAINTENANCE - In accordance with the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER), all lifting operations involving lifting equipment must be properly planned by a competent person, appropriately supervised and carried out in a safe manner. Service instructions, together with a service manual and appropriate training are all available from SYMMETRIKIT.

SYMMETRIKIT offers 6-month service inspections and load tests to ensure compliance with hoist regulations. This is the frequency we recommend maintenance to be carried out. SYMMETRIKIT will only supply spares for a competent Service Engineer to install.



CHECKLIST for BEFORE EACH USE

It is important to check the hoist for any signs of damage or wear. **Always check the following -**

- Visible wear and tear / fraying of the lifting tape (see page 10)
- Security of ALL wall and roof fixings and any sign of damage or looseness
- The securement of the hanger bar to the tape
- Ensure that the battery light on the hoist cassette is green or amber (see page 9). A constant Red LED indicates a low battery and the cassette should not be operated

CLEANING INSTRUCTIONS

- We recommend that the device and the parts patients and caregivers can come in contact with, are cleaned with a damp cloth using warm water and a mild soap solution.
- When disinfection is needed, use disinfectant wipes with up to an 85% solution of isopropyl, or a damp cloth using warm water and a disinfectant cleaner, e.g., an chlorine dissolving up to 1500 ppm.
- Caution: Take great care to ensure that no liquids get inside the lift. The lift is not waterproof. Failure to protect the lift from liquids may result in damage to the lift and/or may cause personal injury.

STORAGE & HANDLING CONDITIONS

- Keep at room temperature or lower
- DO NOT allow to get wet
- Protect from dust and dirt
- This device contains a Sealed Lead Acid Battery
- Store the battery after fully charging it
- Store it at room temperature or lower
- If storing and not using for long periods, remove the battery from the equipment
- If in storage and not being used and charged as required charge it every 6 months



DISPOSAL

- This Product Contains 2 x 12 Volt Batteries and Electrical components - these must be disposed of in accordance with the local and national requirements.
- With normal use the lifetime of the hoist is 5 years or 11,000 cycles.
- Aluminium components 100% recyclable / Steel components 100% recyclable / Plastic components recyclable content may vary.

A-weighted sound power level = 56Db.

INTRODUCTION

WARNING!

ALWAYS position patients in the sling in accordance to individual Sling Instructions For Use (IFU).

Patient movement along the track length is a manual procedure. Guide the patient by using their own body weight supported in the sling, or by using the hanger bar in the desired direction - **DO NOT USE THE HOIST CASSETTE LIFTING TAPE OR THE HANDSET'S SPIRAL CABLE** as highlighted on page 8.

WARNING!

IMPORTANT:
Inspect the tape BEFORE each operation of the hoist. Should the tape become twisted it may jam in the tape guide within in the hoist cassette. If a twist in the tape becomes evident, we recommend that you remove the twist before elevating the patient. If the tape twists and jams in the slot, the hoist will shut off. If the tape is checked for twists BEFORE each patient lifting operation - tape jamming should never become a problem.

PLEASE NOTE: The SKYLARK has a load sensing system to ensure the tape cannot spool out when unloaded causing slack in the tape spool. Should you press the down button and the system fails to lower, release the handset button and place a light downward load on the hanger bar. Continue to apply this pressure as you press the button to lower the hoist.

If wear or broken threads are seen on the tape, the hoist should not be used until inspected by an Engineer. Extreme vigilance must be maintained during operation to ensure that 'freefall' dropping of the hanger bar - or of the patient - never occurs. Should the hanger bar, tape or patient fail to lower when the down button on the handset is depressed, STOP THE OPERATION. Check to ensure that the tape is not jammed before continuing.

Should any problem arise, please call the Service Department as soon as possible on telephone (+44) **01531 635388.**

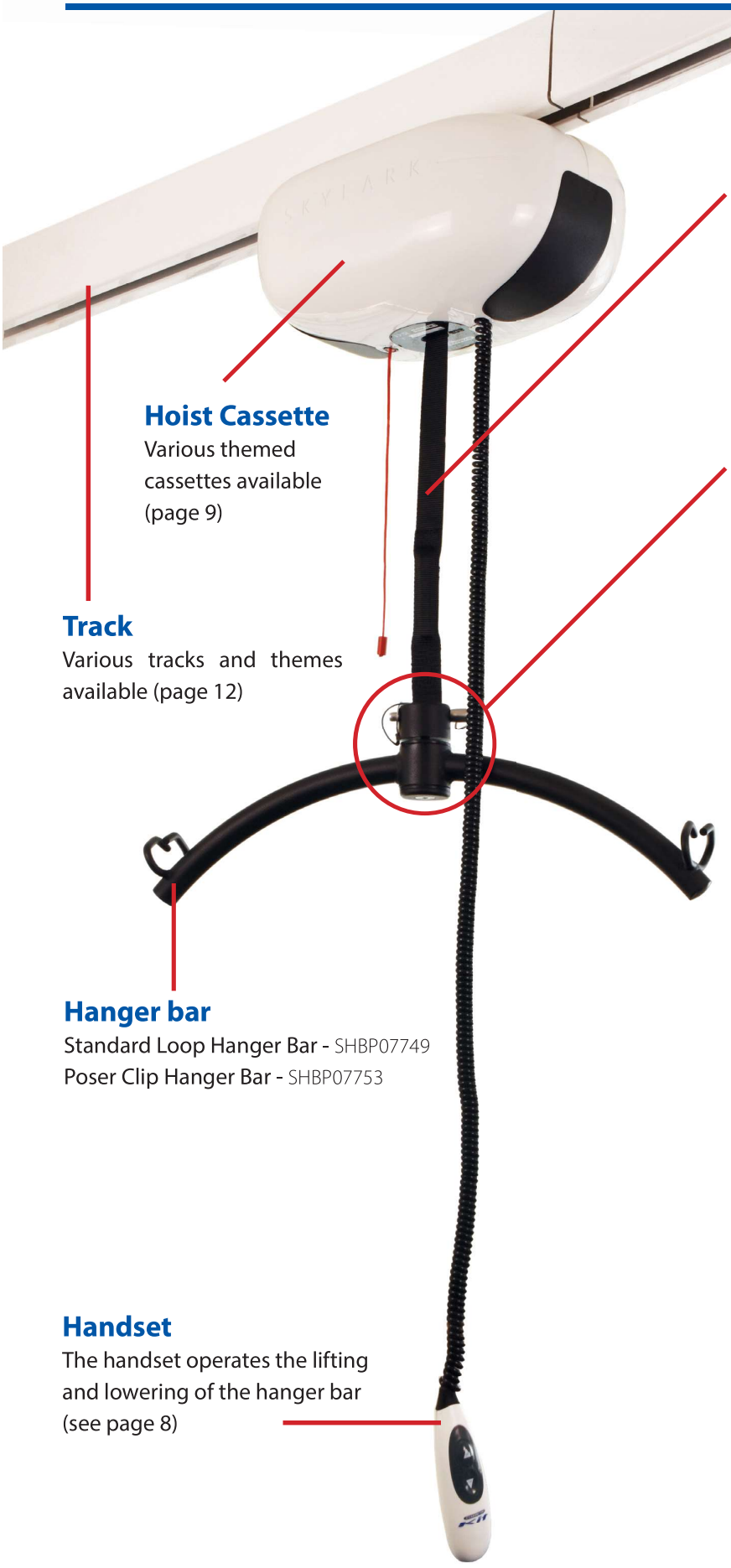
These instructions For Use (IFU) relate to the following SKYLARK Hoist and variations of:
SKYLARK standard - SHRA2000 / with charge through handset - SHRA2006 / with Gate System - SHRA2005

SKYLARK Spaceship hard case - SHRA2400 / with charge through handset - SHRA2406 / with Gate System - SHRA2405
SKYLARK Helicopter hard case - SHRA2300 / with charge through handset - SHRA2306 / with Gate System - SHRA2305

SKYLARK Bee soft case - SHA0002
SKYLARK Fish soft case - SHA0003

SKYLARK Dragon sticker set - SHRA2010MRP / with charge through handset - SHRA2016 / with Gate System - SHRA2015
SKYLARK Rocket sticker set - SHRA2020MRP / with charge through handset - SHRA2026 / with Gate System - SHRA2025
SKYLARK Airship sticker set - SHRA2030MRP / with charge through handset - SHRA2036 / with Gate System - SHRA2035
SKYLARK Submarine sticker set - SHRA2040MRP / with charge through handset - SHRA2046 / with Gate System - SHRA2045

GETTING TO KNOW YOUR **SKYLARK SYSTEM**



Hoist Cassette
Various themed cassettes available (page 9)

Track
Various tracks and themes available (page 12)

Hanger bar
Standard Loop Hanger Bar - SHBP07749
Poser Clip Hanger Bar - SHBP07753

Handset
The handset operates the lifting and lowering of the hanger bar (see page 8)

Lifting/Lowering Tape
Use the handset to lower the support tape to a good working height.
Safety / wear and tear of the tape see page 10

Lifting/Lowering Tape & Hanger Bar Attachment
Attach a hanger bar onto the support tape as shown below - fig.1 for quick release fitting, fig.2 for bolted fitting.

fig.1 *Quick release*

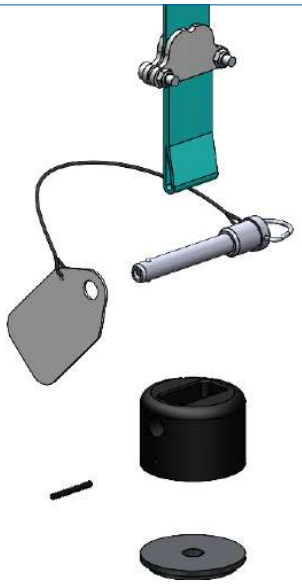
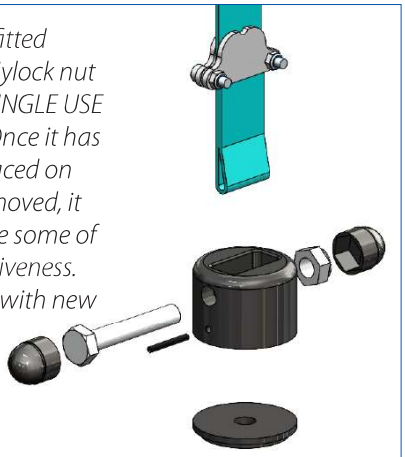


fig.2 * *fitted with a Nylock nut fixing "SINGLE USE ONLY". Once it has been placed on then removed, it will loose some of its effectiveness. Replace with new nut.*



SKYLARK HANDSET

WARNING!

WARNING

The hoist is ***NOT*** to be operated by a lone patient due to being unable to reach the emergency down and could become trapped in the process. It is recommended that the handset to the hoist is suspended at a minimum of 1 meter (1000mm) from the ground.



Manual traverse hoist

It is very important that handset operation is carried out in the correct manner. With the handset in the operator's hand, the up and down control buttons will be clearly displayed on the handset. ***DO NOT*** use the handsets / handset cable / hoist tape to move the hoist cassette along the track, use the attached hanger bar.

Hoist with handset charging port

For normal operation use as described above for the constant charge system. The charging port handset also features a small socket on the back for the cassette charger to be plugged in.

CAUTION!

Please only plug in the provided charger as use of other chargers may cause damage to your hoist.

Each handset is rated at IPX4 (splash resistant). Take extra care in changing rooms and pools to prevent the handset being accidentally immersed in water. If this happens it must be thoroughly dried out before re-use.





DO NOT use the cassette's lifting tape to manouver the hoist as this will cause it to curl unnecessarily over time, and may contribute to the tape jamming



DO NOT use the handset's spiral cable to manouver the hoist



DO USE the hanger bar to manoeuvre the hoist

SKYLARK CASSETTE *(part code - SHRA2000)*



Battery state indicator lights *

The hoist is fitted with a traffic light system to indicate battery charge state.

Green light - the battery is fully charged and the charger is on

Amber light - the battery is adequately charged for use but not fully charged

Solid red light - the hoist can be used for a limited time. Please recharge.

Flashing Red - The battery is flat ***DO NOT USE UNTIL RECHARGED***. The hoist will still lower if it goes into this state during a lift.

*Please note battery state lights only remain on for 30 seconds after each use of the hoist. If you want to check battery state, briefly press on the hoist buttons to take it out of sleep mode. It is quite normal for the hoist to display an amber or red light whist the lift motor is running . The battery state will be correctly indicated once the hoist has stopped lifting.

Charging the battery

- The battery on the standard hoist cassette is constantly charged in any position along the length of the track, provided that the charger is switched on.

- On the handset charge unit, the charger only operates when it is plugged into the handset.

SKYLARK - EMERGENCY STOP & DOWN PROCEDURE



Emergency stop

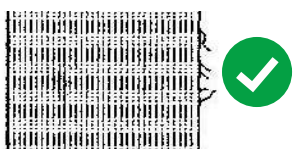
If for any reason there is a problem with hoist during a lifting procedure, it should be stopped by pulling down the emergency stop chord. This will turn off all functions of the hoist except the emergency down function.

Emergency lower

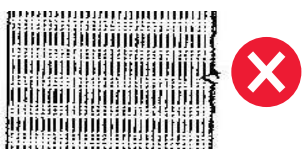
Once the hoist has been stopped by the emergency down chord, it can still lower a user by operating the emergency down mechanism. To operate this - pull the pull chord downwards until it stops moving. After a short delay the hoist will lower. Once this lower action has taken place the hoist will no longer operate until reset.

> ⚠ WARNING! **IF YOU HAVE TO USE THE ABOVE EMERGENCY DOWN PROCEDURE - PLEASE CONTACT YOUR SERVICE ENGINEER BEFORE ANY FURTHER USE!**

Safety / Wear and tear of the lifting tape



A few loose strands on the lifting tape are acceptable
- **safe to use**



A visible nick in the tape - even if only 1mm - should be deemed unsafe
- **DO NOT USE!**



Stitching all intact - no visible sign of the blue safety tape
- **safe to use**



Stitching undone - visible sign of the blue safety tape
- **DO NOT USE!**

TURNTABLE

The turntable can be used within the SKYLARK System, allowing the hoist to move onto other tracks i.e. into different rooms from a corridor etc.

Turntable Operation

To operate the turntable, first check that the turntable is aligned with the track on which the hoist cassette is travelling ***(fig.1)*** If it is not, turn the wall switch (shown below) and release, this will align the turntable to receive the hoist cassette.

Move the hoist cassette along the track and into position central on the turntable. ***(fig.2)***

Be careful to control any swinging motion of the patient in a sling, to prevent the cassette moving on the turntable.
Turn the wall switch and release to rotate the turntable for the desired track direction. ***(fig.3)***

Move the hoist cassette off the turntable and continue your journey in the new track direction. ***(fig.4)***

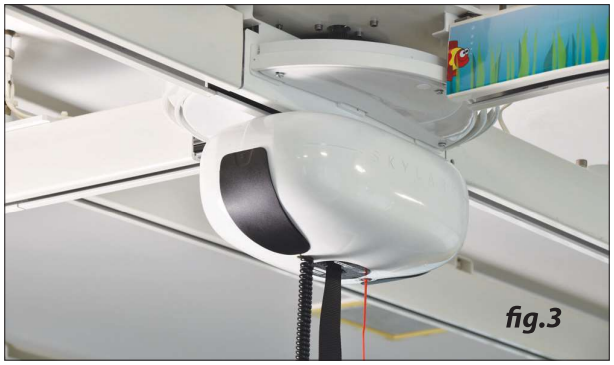
If the SKYLARK System consists of a single hoist cassette, the turntable will always be left open to the track direction previously used, ready for the return journey.



Turntable
wall switch

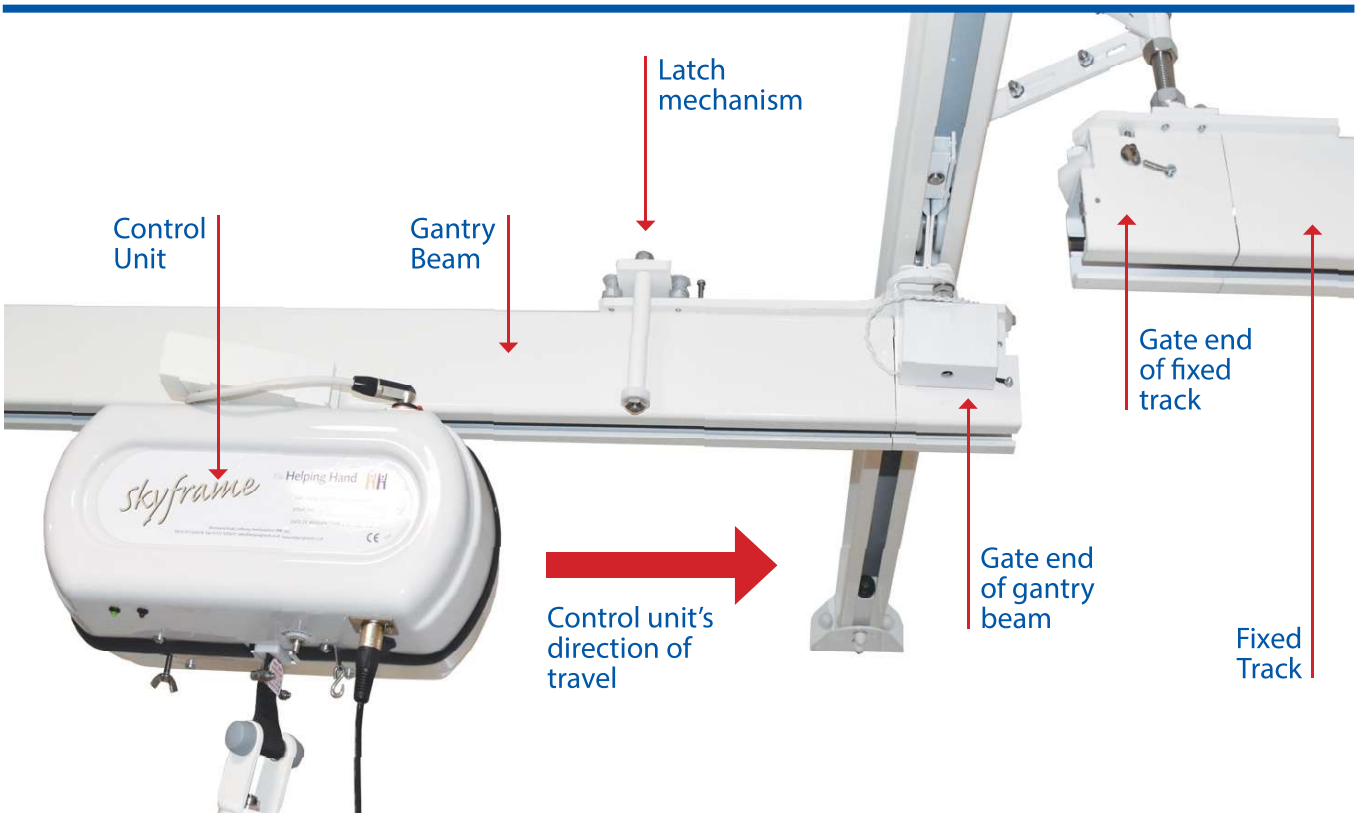








GATE SYSTEM - GANTRY TO FIXED*



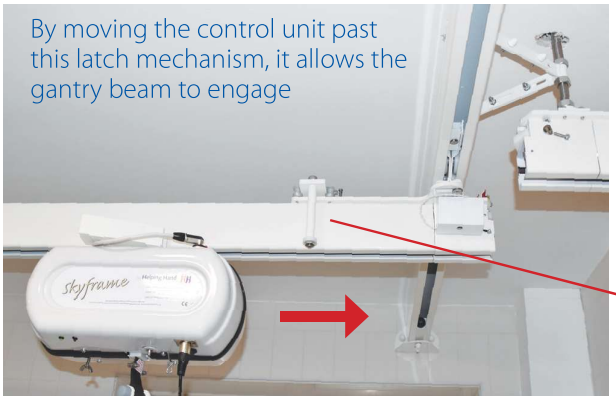
* Gate System can be used with any SYMMETRIKIT Hoist System i.e. Skyframe or SKYLARK

1. Transferring from gantry beam to fixed track using the gate system

To operate each gate, the hoist cassette must firstly be moved to the gate end of the gantry beam to activate the latch mechanism.

Keeping the hoist cassette at the gate end of the gantry beam, move the gantry beam along to align with the fixed track. The latch mechanism will engage, locking the beam to the fixed track.

Move the hoist cassette backwards slightly, to allow the end stop to open. Now you may pass the hoist cassette from the gantry beam to the fixed track.

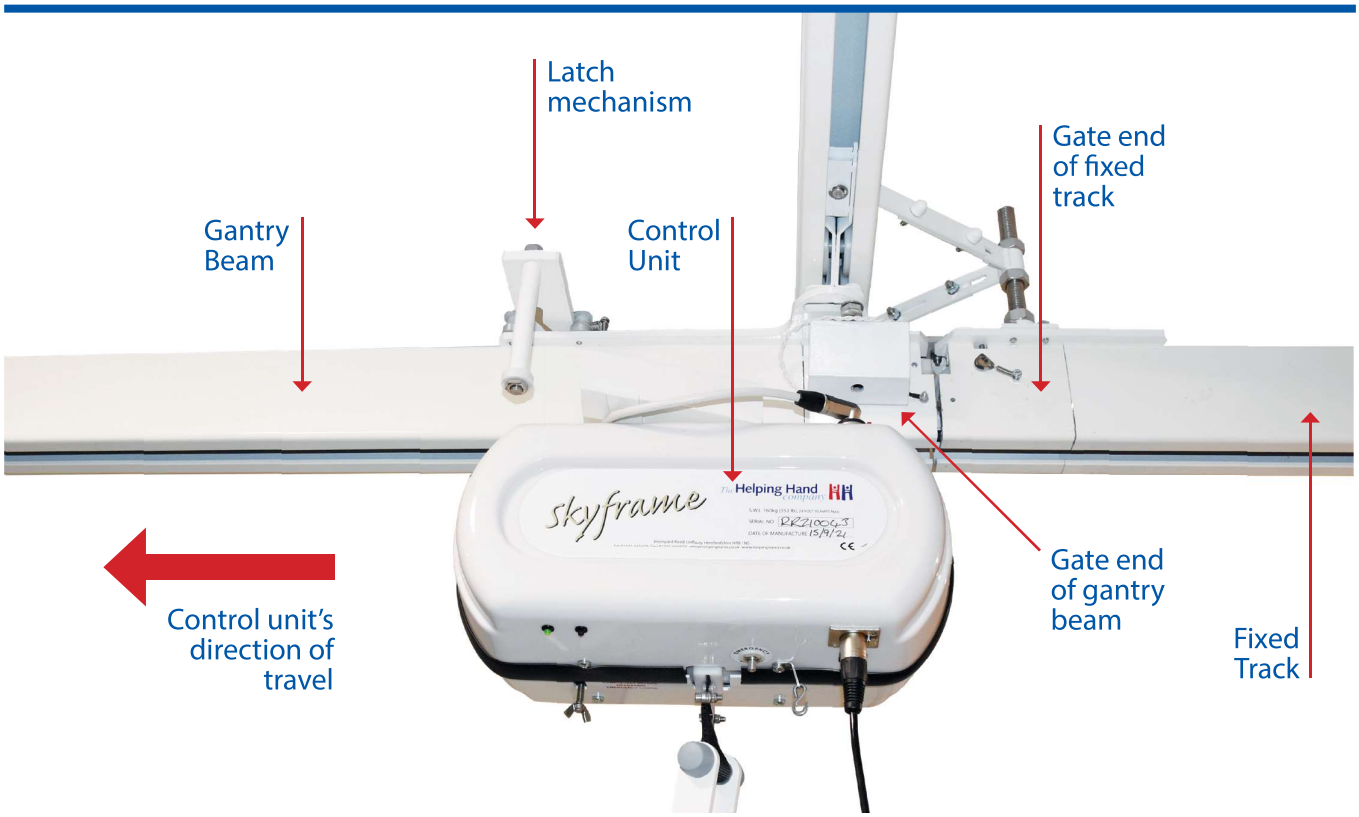








GATE SYSTEM - FIXED TO GANTRY*



* Gate System can be used with any SYMMETRIKIT Hoist System i.e. Skyframe or SKYLARK

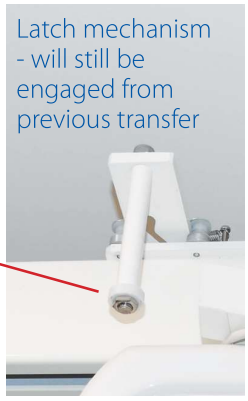
2. Transferring from fixed track to gantry beam using the gate system

The fixed track and gantry beam should still be locked together from the last transfer as explained previously in point 1.

The hoist cassette can be passed back from the fixed track to the gantry beam. As the hoist cassette travels back through the gate, the latch is automatically released, allowing the gantry beam to separate from the fixed track.

When the track and beam separate, the end stops will close securing both ends of the gantry beam.

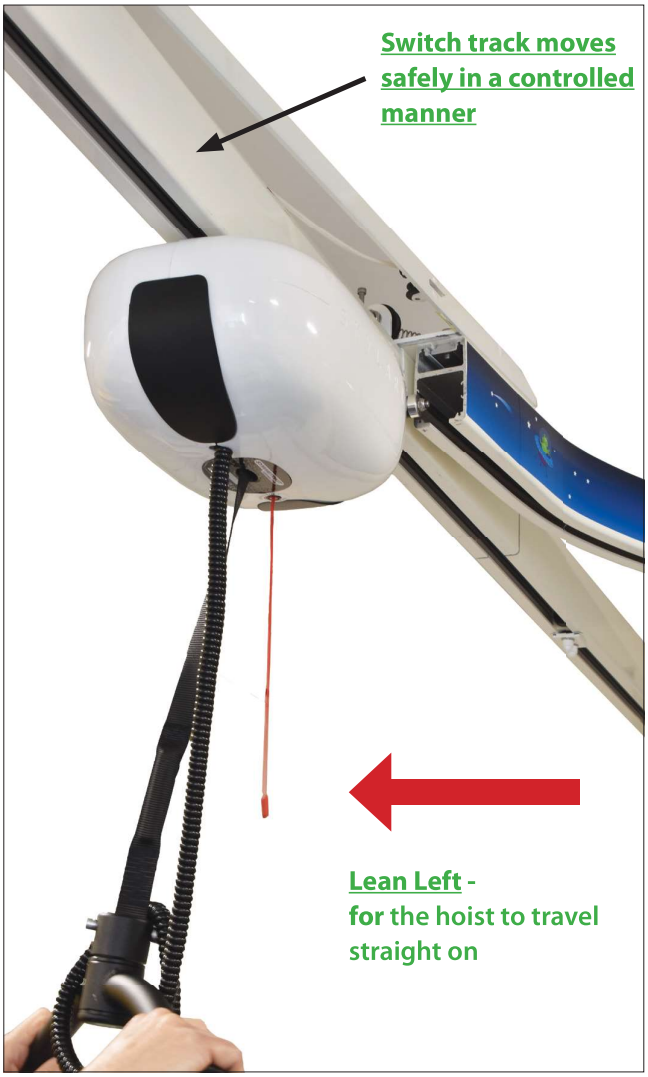


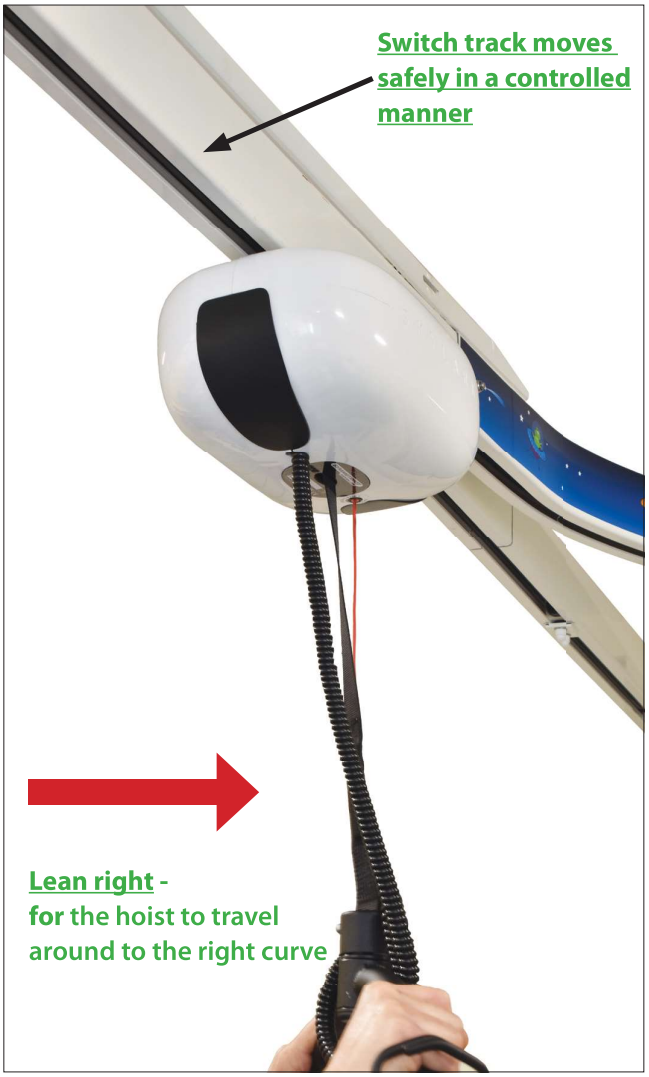






SWITCH TRACK *(part code - SHEA0002)*





Switch track

The switch track can be used within the SKYLARK System, allowing natural changes of direction for the hoist to move onto another track i.e. into different rooms from a corridor etc.

As you enter the switch track, walk towards the direction of the track spur you wish to go down. The switch will follow your lead and align up with the desired track allowing for a quick and natural change of direction.

SKYLARK FUN CASES

Hard cases



HELICOPTER hard fun case with LED lights SHRA2300



SPACESHIP hard fun case with LED lights SHRA2400

Track stickers



Skylark/Bird rail sticker set - SHRX0062



Bee/Flowers rail sticker set SHRX0059

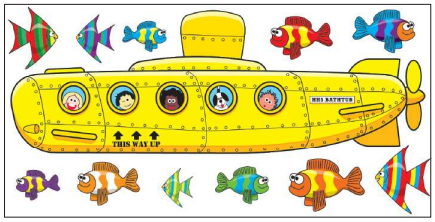


Fish/Underwater rail sticker set SHRX0061

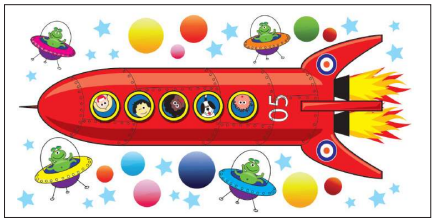


Space/Stars rail sticker set SHRX0060

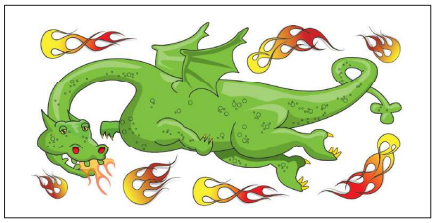
Cassette with stickers



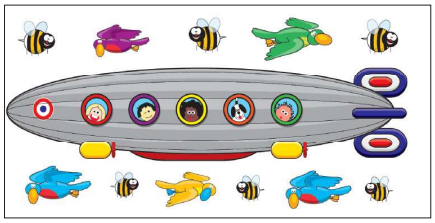
Submarine sticker set SHRX0057



Spaceship sticker set SHRX0056



Dragon sticker set SHRX0055



Airship sticker set SHRX0054

Soft cases



BEE soft fun case SHA0002



FISH soft fun case SHA0003



Please get in touch with us to find out more...

Tel: **01531 635388**

SYMMETRIKIT Postural Care, Bromyard Road, Ledbury, Herefordshire HR8 1NS

www.**SYMMETRIKIT**.com sales@**SYMMETRIKIT**.com

UK CA — As the manufacturer, The Helping Hand Company, declares that the product conforms to the UK Medical Devices Regulation 2002	CE — As the manufacturer, The Helping Hand Company, declares that this product conforms to the Medical Device Regulation (2017/745)

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Sling Help

kg 200Kg

SUNRISE MEDICAL

SYMMETRIKIT SERVICE