LIFTKAR PTR

POWERED TRACKED STAIRCLIMBER



INSTRUCTION MANUAL

English

SANO makes life easier.

INTRODUCTION **3**

1 GENERAL SAFETY GUIDELINES **4**

2 PRODUCT DESCRIPTION **8**

2.1 Controls - Handle Unit 9
2.2 Controls - Base Unit 10
2.3 LIFTKAR PTR – INDIVIDUAL COMPONENTS 10
2.4 TECHNICAL DATA 11
2.5 Indicators and Controls 11
2.6 Main Dimensions 12

3 START-UP **14**

First Steps 14
3.1 Charge Battery 14
3.2 Inserting / Locking the Handle Unit to the Base Unit 14
3.3 Locking the Handle Unit 15
3.4 Detaching the Handle Unit 15
3.5 Removing the Handle Unit 15

4 OPERATION **16**

4.1 Attaching the Wheel Chair 16
4.2 Operation on the Stairs 17
4.3 Removing the Wheel Chair 19
4.4 Using the Tracked Stairclimber on Level Surfaces 19
4.5 Tilting Angle Sensor 20
4.6 Battery Status Warning 20
4.7 Recommendation for Charging the Battery Pack 21
4.8 Safety Release System 21

5 CLEANING AND DISPOSAL **22**

5.1 Cleaning and Disinfection 22
5.2 Disposal 23
5.3 Re-Use / Second-Hand Use 23
5.4 Fire-Fighting Measures 23
5.5 Safety Check 24
5.6 Recalls and corrective actions 24
5.7 Safety Inspections 24

6 WARRANTY AND COSTUMER SERVICE **26**

6.1 Modification of the Tracked Stairclimber 26

7 WARRANTY AND LIABILITY **26**

7.1 Warranty 26
7.2 Liability 27

8 DECLARATION OF CONFORMITY **28**

NOTES **30**

CONTACT **31**

INTRODUCTION

CONGRATULATIONS!

WITH LIFTKAR PTR YOU RECEIVE A SAFE TRACKED STAIRCLIMBER. THE PURPOSE IS THAT IT HELPS YOU SAFELY CONVEY WHEELCHAIR USERS UP AND DOWN STAIRS.

The LIFTKAR PTR is a mobile unit that has been especially developed for operating on straight steps. Wheelchair users can now move around more freely and helpers no longer need to strain their backs on the stairs.

The LIFTKAR PTR can quickly be dismantled into two handy parts by shifting two levers: the base unit including rechargeable battery weighs approx. 28 kg, the handle unit approx. 11 kg. The LIFTKAR PTR ensures safe handling on the stairs. Regardless of whether you operate a professional mobility service or are a friend, relation or partner, we wish you much satisfaction in using this unit. This instruction manual is designed to help you learn how to use the LIFTKAR PTR.

In order to update you about product news as well as technical changes (e.g. options, accessories) we ask you to register your product online.

https://www.sano-stairclimbers.com/product-registration

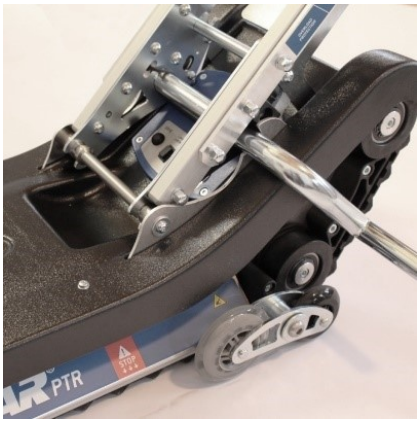
THE INSTRUCTION MANUAL DOES NOT REPLACE THE OBLIGATORY TRAINING PROVIDED BY AN AUTHORISED SPECIALIST.

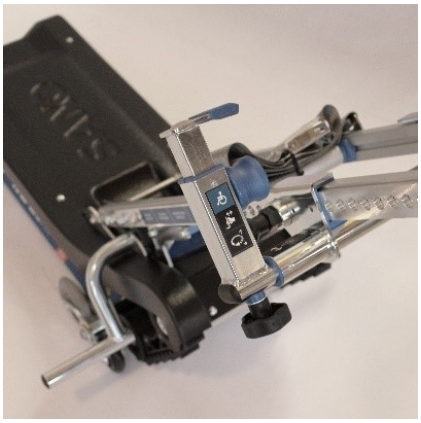


LIFTKAR® PTR (incl. options headrest, backrest cushion and foldable wheelchair brackets)

For wheelchairs with brake levers at the push handles it is obligatory to use mini ramps.







1 GENERAL SAFETY GUIDELINES

CAUTION - IMMINENT DANGER OR HARMFUL SITUATION POSSIBLE
If not avoided, physical injury or damage to property will result.

WARNING - IMMINENT DANGER POSSIBLE
If not avoided, death or severe physical injury can result.

DANGER - IMMINENT DANGER
If not avoided, death and severe physical injury will result.

HERSTELLER
Manufacturer

HERSTELLUNGSDATUM
Date of manufacture

SERIENNUMMER
Serial number

TROCKEN AUFBEWAHREN
Keep dry

MEDIZINPRODUKT
Medical device

CE-KENNZEICHNUNG
CE-Marking



SERBISCHE CE-KENNZEICHEN
Serbian CE-Marking



ELEKTROSCHROTT
Electronic Waste



TEMPERATURGRENZWERTE ANWENDUNGSBEREICH 5 º C BIS 40 º C
Temperature limit Range of application
5 º C till 40 º C (41 º F till 104 º F)



EINDEUTIGE PRODUKTIDENTIFIZIERUNG
Unique product identification



GEBRAUCHSANWEISUNG BEACHTEN
Consult instructions for use



WARNUNG VOR HANDVERLETZUNG DURCH RIEMENANTRIEB
Warning of hand injury due to belt drive



NOTE

- Please read this instruction manual carefully. Follow all instructions in this manual and take notice of the warning signs and pictograms on the unit. Climbing stairs presents a risk in itself and not complying with these instructions could cause accidents.
- The tracked stairclimber may only be used for the purpose for which it has been designed – transporting people on straight stairs.
- The LIFTKAR-PTR must be operated by people who
  - have proof of having been trained in how to operate the tracked stairclimber
  - can walk upstairs backwards
  - are both physically and mentally sound
  - are able to maintain balance without great physical strain.
- The LIFTKAR PTR must NOT be operated by the following people:
  - People under the age of 16
  - People under the influence of medication, drugs or alcohol
  - Pregnant people
  - Children are not permitted to use the tracked stairclimber.
- If an accident should occur with the stairclimber, this must be reported to your specialist dealer immediately (vigilance!).
- The wheelchair must be in technically trouble-free condition (no damage to the frame etc., no missing or loose fittings, no modifications, tires and brakes in good condition). If in doubt, contact your specialist dealer before using
- The LIFTKAR PTR is not designed for travelling extended distances over horizontal surfaces.
- Use on wet, slippery surfaces is not recommended.

CAUTION

- Do not use the LIFTKAR with a passenger until you have practiced operating it perfectly without a payload. Next, try operating it again with somebody as lightweight as possible who is not disabled. The test passenger should hold onto a handrail or a second person during the climb.
- Never reach into the stairclimber tracks (risk of trapping/squashing)!
- To transport the device itself, we recommend dismantling the LIFTKAR PTR.
- The LIFTKAR PTR has a powerful 12Ah/24Volt rechargeable battery that should always be fully-charged before using the tracked stairclimber. If, for whatever reason, the battery pack should run out of power while in operation on stairs, immediately move the stairclimber down the stairs and fully recharge the battery. It is always possible to move down at least one flight of stairs, even with a rechargeable battery that is almost empty. The first sign of the battery pack running out is indicated by the stairclimber's performance. The LIFTKAR PTR becomes slower and appears to be struggling. Inexperienced operators are warned by the LED display: **if the battery pack needs to be recharged the LED display starts flashing, alternating between red and green and there is an intermittent acoustic warning signal.**
- The following rules apply regarding ambient conditions for storing and operating the LIFTKAR tracked stairclimber: avoid exposing the tracked stairclimber to high temperatures (above 40°C) such as direct sunlight or high air humidity (above 70%) as a consequence of using in a sauna area or in the rain, or similar, due to the risk of damaging the stairclimber as a result of overheating. Likewise, avoid exposing the tracked stairclimber to very low temperatures below 5°C. Do not use in the vicinity of sensitive medical equipment.

WARNING

- For transporting people using LIFTKAR PTR tracked stairclimbers, only use wheelchairs fitted with a safety belt or other personnel retention system.
- It is essential that passengers who are not able to sit independently are strapped in.
- Do not use the tracked stairclimber if unusual noises and/or vibrations occur while the LIFTKAR stairclimber is in operation. Withdraw the stairclimber from use and have it inspected by an authorized specialist.
- Never use the LIFTKAR PTR on stairs at an inclination of more than 35°.
- Make sure that the stairs to be climbed are designed to bear the combined load of tracked stairclimber + wheelchair + weight of persons.
- Never operate the stairclimber on heavily damaged stairs (e.g. if the edges of the steps are worn away).
- It is not possible to use the tracked stairclimber on spiral staircases or stairs with tight corners.
- To prevent yourself from slipping off steps, make sure you are wearing non-slip footwear.
- To avoid accidents, do not use the stairclimber on wet, slippery or waxed stairs. Carpet coverings must also be non-slip.
  The person being transported must not hang their arms to the side or move their arms suddenly. Instead, their arms should rest on the armrests or their thighs.

DANGER

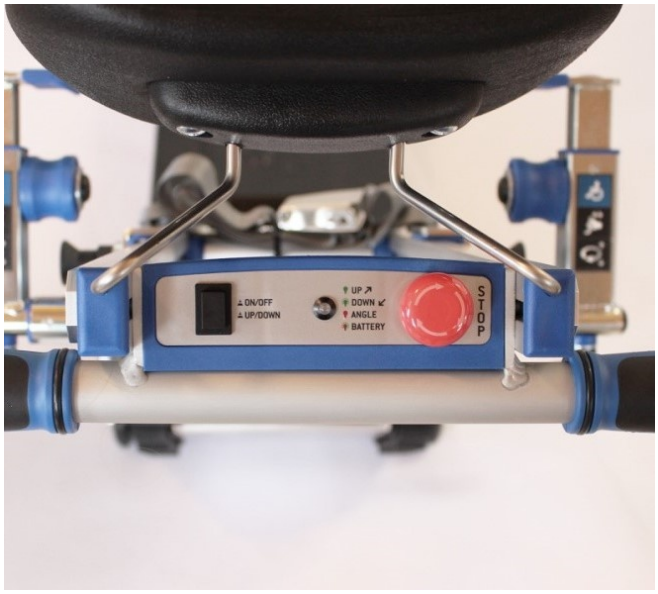
- Never operate the LIFTKAR PTR on surfaces that are wet, slippery, polished or waxed, smooth, icy or generally do not give the operator sufficient stability, and impair the adhesion of the stairclimber tracks. Rugs and carpets can also present a risk.
- Under no circumstances may you let go of the handle while operating the stairclimber on the stairs. Always operate the stairclimber with both hands (Danger of falling).
- Make sure that nobody is below the unit while in operation on stairs (Danger of collision).
- **Make sure you always wear closed, non-slip shoes when operating the LIFTKAR (Danger of falling).**
- Without exception, the stair climber must not be used in explosion-proof areas.
- Never overload the device. The maximum load capacity (model-dependent) of the LIFTKAR PTR is 130 kg or 160 kg (weight of person + weight of wheelchair). Make sure that your wheelchair (!) is designed to bear the weight of the person to be transported.
- When driving down the stairs, stop the drive in the direction of the step edge as soon as the “STOP” marker on the side is level with the step edge. (Danger of falling!)

2 PRODUCT DESCRIPTION

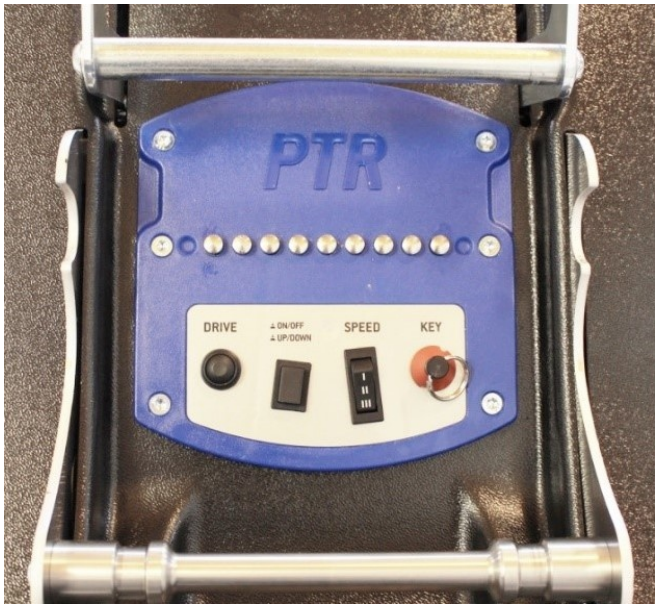


1. Headrest *
2. Wheel Chair Retention Clip
3. Handle Unit
4. Base Unit
5. Controls - Handle Unit
6. Backrest Cushion *
7. Retention Bolt
8. Retention Lever
9. Controls - Base Unit
10. Foldable Wheel Chair Brackets *

* optional

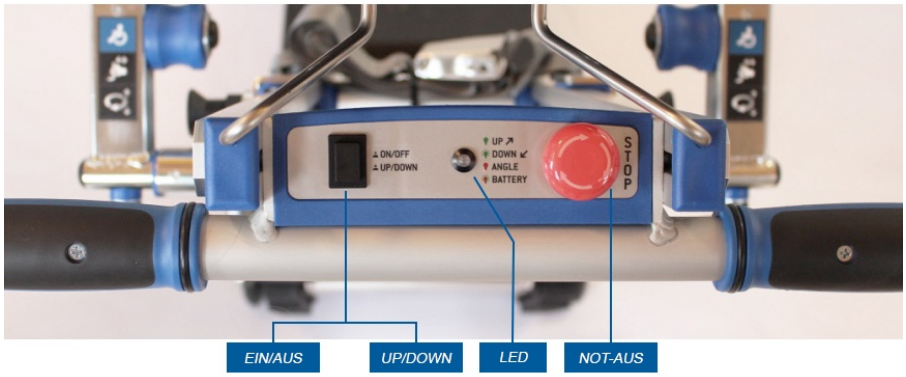


Controls - Handle Unit



Controls - Base Unit

2.1 CONTROLS - HANDLE UNIT



ON/OFF - UP/DOWN

- If the LIFTKAR PTR is switched off, switch it on by pressing this button. The LIFTKAR PTR automatically switches on in UP mode.
- The LED **illuminates green**.
- Press this button to switch to DOWN mode. LED **flashes green**.
- Press this button longer (approx. 2 seconds) to switch off the LIFTKAR PTR. After approx. 5 minutes of inactivity, the unit switches off automatically to save battery power.

LED

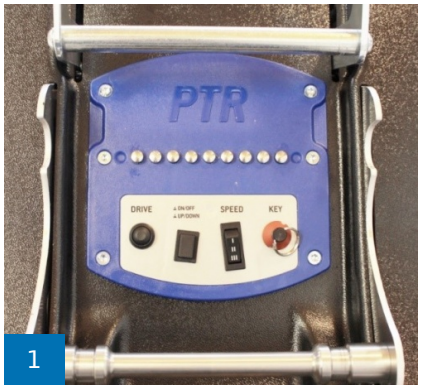
- **Illuminates green** in UP mode.
- **Flashes green** in DOWN mode.
- **Changes to red** if the stairs are too steep (36° - 40°). The speed of the LIFTKAR PTR is reduced automatically.
- **A red light and an acoustic warning go on** when the unit is overloaded, or the stairs are too steep. PTR stops.
- **Flashing red and green and an acoustic warning go on** if battery power is low.

EMERGENCY STOP

- Stops the LIFTKAR PTR tracked stairclimber.
- Reset the Emergency STOP by pulling or rotating the switch.

2.2 CONTROLS - BASE UNIT

KEY
The key protects the LIFTKAR PTR against unauthorised use.



1

ON/OFF
Same function as on handle unit.

WARNING
Use only for loading purposes (e.g. stowing in car).

DRIVE
Starts the drive chain in the chosen climbing mode.

SPEED
Preselect switch for stair climbing speed

Speed I 5,5m/min
Speed II 6,5m/min
Speed III 7,5m/min

2.3 LIFTKAR PTR – INDIVIDUAL COMPONENTS



LIFTKAR PTR – COMPONENTS (SCOPE OF DELIVERY)

2.4 TECHNICAL DATA

Maximum load (incl. wheel chair)	130 kg / 160 kg
Minimum wheel chair width (frame inside)	420 mm
Max. inclination	35°
Total weight	39 kg
Weight of base unit (incl. batteries)	28 kg
Range	up to 1000 steps *
Minimum landing space	970 x 970 mm
Sound pressure level	below 80dB
Required pressure force for the controls:	max. 5 N

* depending on overall weight to be transported

2.5 INDICATORS AND CONTROLS

BASE UNIT

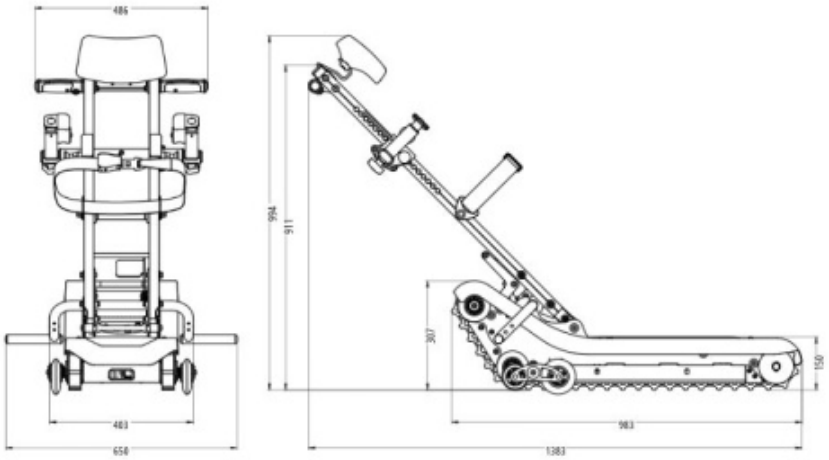
- Key switch
- ON/OFF - UP/DOWN switch
- Speed selector switch I / II / III
- DC charging socket
- Main fuse

HANDLE UNIT

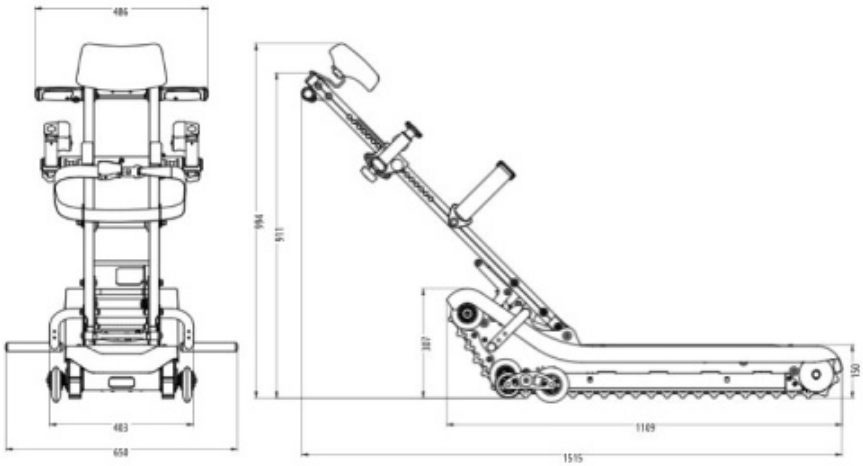
- ON/OFF - UP/DOWN switch
- Multi-function LED – battery status and inclination angle
- EMERGENCY STOP
- Activation button

LASER POSITION INDICATOR
The heat generated by the laser is harmless and poses no fire hazard

2.6 MAIN DIMENSIONS



PTR



PTR-L

3 START-UP

FIRST STEPS

BEFORE COMMISSIONING

Before putting the unit into service, check it for any defects or damage. See also “Safety Inspections” in the operating instructions.

3.1 CHARGE BATTERY

Fully charge the 24V/12Ah battery pack installed in the base unit. This can take **up to 6 hours** depending on the residual charge. The charging socket is located on the back of the base unit (figure 1a).



After charging, disconnect the charging cable from the charging port. Before using any LIFTKAR PTR model, make sure the charging cable is not connected.

Liftkar PTR is equipped with an inbuilt battery charger. During charging process a LED (figure 1b) which you can find in the left side wall of the device chassis indicates the charging level:

Orange: charging process running
Green: charging process terminated, fully charged batteries

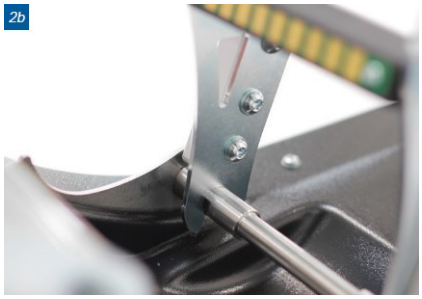


3.2 INSERTING / LOCKING THE HANDLE UNIT TO THE BASE UNIT



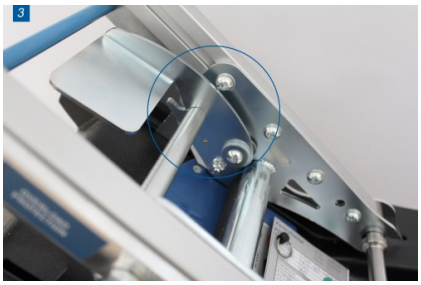
Place the U-shaped yoke on the underside of the handle unit on the round support bar in the base unit (figure 2a).

Make sure that the yoke engages with the grooves of the support bar (figure 2b). By pivoting the handle unit for- / backwards the engagement is facilitated.



3.3 LOCKING THE HANDLE UNIT

Pivot the handle unit into the operating position. The spring-loaded retention lever engages automatically. Additionally, the safety lug holds the retention lever in position (figure 3).



WARNING

Before operating the tracked stairclimber **always** control the position of the retention lever. The safety lug **must** be engaged!

3.4 DETACHING THE HANDLE UNIT



Press the safety lug forward (figure 4a), subsequently draw the retention lever backwards into its lower limit position (figure 4b).

3.5 REMOVING THE HANDLE UNIT



Pivot the handle unit forward and pull slightly up- wards. Once the snap-in position is reached the handle releases itself automatically.

4 OPERATION

4.1 ATTACHING THE WHEEL CHAIR

4.1.1 PLACE WHEEL CHAIR ON STAIRCLIMBER

Roll the wheelchair along the centreline of the base unit until the tyres of the wheelchair wheels touch the wheelchair support.


1


2

4.1.2 PIVOT HANDLE UNIT TOWARDS WHEEL CHAIR

Release handle unit and pivot it towards the wheelchair until the handle unit is approximately vertical (parallel to the wheelchair backrest).

4.1.3 ADJUST POSITION OF WHEEL CHAIR RETENTION BRACKETS

Position the wheelchair retention bracket directly underneath the bend in the wheelchair handle.

By pulling on both locking pins you can adjust the vertical position of the retention bracket to the height of the wheelchair.


3


4

4.1.4 SECURING THE WHEEL CHAIR

Adjust the position of the two slide blocks (to the left and right of the bracket) and fix them in place by tightening the two hand bolts.

Adjust the headrest and pivot the handle unit back into the operating position.
Keep both your hands on the handle unit while you do this. The spring-loaded retention lever automatically moves into its front limit position.

NOTE

- Make sure that the safety lug has engaged properly.
- Apply the brake on the wheel chair.
- Make sure the power is switched off before getting on or off the stairclimber to make sure it does not start up accidentally.

WARNING
Never leave the person to be conveyed in this position unattended.

4.2 OPERATION ON THE STAIRS

4.2.1 SWITCHING ON

Switch on the tracked stairclimber using the key switch and the ON/OFF button.

The tracked stairclimber is automatically set to move UP. The LED is illuminated permanently green.



1


2a

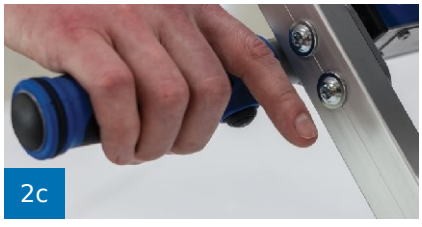
4.2.2 MOVING UP

Position the tracked stairclimber (figure 2a) so that it is at an angle of 90° to the stairs.



2b

Always hold the handle unit securely with both hands. Use the direction selector switch on the handle unit display to select “UP” (figure 2b). The LED illuminates permanently green.


2c

Stand behind the handle unit of the tracked stair- climber as instructed during training by authorised personnel. Press the activation button on the right handle (figure 2c).

WARNING

- Never move on stairs with an inclination of more than 35° and during operation the handle unit must always be held with both hands.
- Always move on stairs at an angle of 90° (length of tracked stairclimber to steps).
- The integrated angle sensor (angle LED) is designed merely as an indicator and does represent a safety feature.

4.2.3 REACHING THE TOP STEP

Stop the tracked stairclimber as soon as the „STOP“- marks on the side have reached the edge of the top step (figure 3).

Now gradually tilt the tracked stairclimber back until the tracks rest on the floor of the landing. Press the activation button again. The tracked stairclimber then finishes moving onto the landing.



3


4

4.2.4 MOVING DOWN

Position the tracked stairclimber at an angle of 90° to the stairs so that the passenger is facing the stairs. Use the direction selector switch on the handle unit display to select “DOWN” (figure 4). LED flashes green.

Hold the handle unit securely with both hands and press the activation button to move the tracked stairclimber towards the stairs until the “STOP” mark on the side reaches the edge of the top step. Stop the tracked stairclimber and, using both hands, tilt the handle unit forward until the stairclimber tracks rest on the steps. Then press the activation button to continue moving down the stairs.

WARNING
Before operating the tracked stairclimber it must be at an angle of 90° to the stairs.

DANGER
When traveling down the stairs, stop as you approach the edge of the steps; as soon as the “STOP” mark on the side is level with the edge of the steps, carefully tilt the stair climber forward until the tracks reach the steps. (Risk of falling!)

4.2.5 SAFETY CHECK

Although the tracked stairclimber is equipped with an angle warning LED, we recommend checking the precise inclination of the stairs before climbing them for the first time.



4.3 REMOVING THE WHEEL CHAIR

4.3.1 RELEASING



Release the safety lug (figure 1a) and move the retention lever into the rear position (figure 1b).

Pivot the handle unit carefully towards the wheelchair until the wheelchair reaches the ground and the handle unit is in a vertical position. Then undo the manual bolts and pull both retention blocks to the side out of the wheelchair backrest.



NOTE
Perform this procedure only on horizontal ground, well away from the stairs.

4.4 USING THE TRACKED STAIRCLIMBER ON LEVEL SURFACES

4.4.1 MOVING ON LEVEL SURFACES



In order to move the wheelchair on the tracked stairclimber or to turn the combination on landings, push the handle unit slightly downwards (figure 1).

This raises the stairclimber tracks so that the tracked stairclimber can be shifted on the rear left-hand and right-hand side wheel units.

4.4.2 BASE UNIT FUNCTIONS

The following controls are located on the rear side of the base unit:

- **Combined ON/OFF, UP/DOWN switch**
- **Key switch**
- **Speed selector switch**

It is possible to operate the base unit without the handle unit. This mode of operation is provided exclusively for loading the base unit and for service activities.

The base unit is operated using the ON/OFF button. After switching on, the base unit is automatically set to Move UP mode. Pressing the ON/OFF button again switches the unit to the Move DOWN mode. Pressing the ON/OFF button for a longer period switches the unit off.

Use the speed selector switch to choose between one of three speed settings.

4.5 TILTING ANGLE SENSOR

Your LIFTKAR PTR is equipped with a tilting angle sensor, which detects the inclination of the LIFTKAR PTR on stairs. In the case that the stair angle exceeds 35°, the device clearly reduces its driving speed and the LED on the handle unit illuminates permanently red. In the event of an extreme stair angle, the unit stops climbing upstairs. (A warning tone as well as the red illuminated LED signalizes this condition.)
It is still possible to move downstairs in creep speed in order to bring the PTR out of the danger zone onto the next landing.

- Never move on stairs with an inclination of more than 35°.
- The integrated tilting sensor does not substitute a check of the stair angle by the operator before the first movement.

4.6 BATTERY STATUS WARNING

As the battery charge level decreases, a red/green flashing LED on the handle and a rapid audible beep indicate the decreasing charge level. After the battery charge warning sounds for the first time, you can still travel at least 3–4 floors. However, it is recommended that you fully charge the low battery after traveling just one floor.

4.7 RECOMMENDATION FOR CHARGING THE BATTERY PACK

The lead gel cells inside the battery pack are maintenance-free, gas-tight and rechargeable. Their service life depends largely on the number of charging/discharging cycles. For example, it is possible to partially discharge lead batteries 1000 times, drawing more than 200 times the full capacity of the battery, providing the battery is never fully discharged.

- Avoid discharging the battery completely. Charge the battery pack as often as possible.
- Lead batteries are susceptible to self-discharging. The battery pack also needs to be looked after in that it must always be fully-charged. Completely discharging the battery will shorten its service life. Lead-gel cells have a long service life if they are regularly fully charged as soon after use as possible. That is why the battery pack should be connected up to the power connector cord after each use.
- If the lead acid batteries have been damaged, they can be replaced at authorized SANO dealers. The old lead batteries are fully recyclable and are not hazardous waste. If the batteries should become damaged it is possible to have them replaced in a workshop of authorized SANO partners. The old lead batteries are fully recyclable and are not to be disposed of.
- The ideal temperature for charging is between 20 and 25° C. Temperatures that are too cold or too hot will affect the battery's capacity.

NOTE

If the battery pack is not fully charged, or it loses its charge suddenly, not only will the speed of the Liftkar PT be slower, but its capacity is reduced as well. This means that overload mode may be reached even with a relatively light load.

4.8 SAFETY RELEASE SYSTEM

The safety release system is positioned on the left side of the base unit (figure 1). In the event of an unpredictable machine break down (e.g. technical defect, power supply failure), this system allows the operator to manually move down the tracked stairclimber onto the next landing.

By pulling the safety release wire, the electromagnetic brake is disengaged manually. Due to its own weight (incl. wheelchair + weight of person) the LIFTKAR PTR starts moving downstairs.



1

ATTENTION:

- Before activating the safety release system always press the emergency stop button and remove the key.
- Safety first - if safety release system is required, make sure that a second person (helper) is present, who activates the safety release system.
- By pulling the safety release wire (helper) and pressing the handle unit downwards (operator), the
- device starts moving.
- The device can be stopped anytime by releasing the safety release wire. Only move the stairclimber onto the next landing.
- If the total weight (tracked stairclimber and passenger) is low, the operator will need to support travel down the stairs by pushing in the direction of travel.
- After usage of the safety release system your LIFTKAR PTR must undergo a complete safety check by an authorised SANO partner.

---

5 CLEANING AND DISPOSAL

5.1 CLEANING AND DISINFECTION

Our motto is:

A CLEAN MACHINE MOVES MORE SMOOTHLY.

- Cleaning with a standard household detergent is quite sufficient.
- Never use a high-pressure washer, and never spray the device with water.
- If required, the surfaces can be cleaned with a commercially available alcohol-based equipment disinfection agent (such as Sagrotan®).

5.2 DISPOSAL

The LIFTKAR PTR tracked stairclimber is a durable product. At the end of their useful life, the tracked stairclimber components and charger should be disposed of properly.

- The tracked stairclimber does not contain any hazardous materials and is fully recycling-compatible. The printed circuit boards and the rechargeable battery must be disposed of using a suitable recycling process.
- Do not dispose of the battery pack in household waste.
- Correct and comprehensive disposal of the tracked stairclimber can be processed and invoiced for by the manufacturer.



5.3 RE-USE / SECOND-HAND USE

- Before re-using the stairclimber or using it second-hand, make sure it undergoes a safety check and cleaning as per manufacturer’s instructions by specialist personnel.
- All operators must have proof of having been trained in how to operate the stairclimber.

5.4 FIRE-FIGHTING MEASURES

- **Extinguishing agent:** Suitable: Dry chemical, sandy soil, carbon dioxide, suitable foam
- **Firefighting:** Protective equipment: Wear self-contained breathing apparatus and protective clothing to avoid contact with skin and eyes.
- **Specific hazards:** Toxic fumes released during fire conditions.

5.5 SAFETY CHECK

NOTE

Safety inspections may only be carried out by the manufacturer, SANO service technicians or authorised dealers.

NOTE

We recommend a safety check is carried out every two years. The inspection sticker indicates the date by which the next inspection should be carried out. A check is recommended especially after a change of user or if the stairclimber is going to be used again after a longer period.



Safety checks are important to ensure that the device is working properly. The specialist dealers authorised by us can carry out this inspection on your device.

5.6 RECALLS AND CORRECTIVE ACTIONS

We will inform you if new important safety information regarding the operation of your LIFTKAR PTR becomes available. The current version of this instruction manual can be found at www.sano.at. Should subsequent changes or corrective actions be needed to the product, we will inform you and/or our authorised dealers in writing of all the serial numbers affected. If your LIFTKAR PTR is affected by a product recall, you will be informed on what happens next. We recommend that you register your device on our website www.sano-stairclimbers.com/product-registration.

5.7 SAFETY INSPECTIONS

Drive and Housing				
Check for operating noise	Before each use	If too loud, send the unit to the factory		X
Check/adjust the tension of the drive chain	24 months	max. play: 2–3 mm	X	
Check the housing for cracks	24 months	If cracks are found, return the unit to the factory	X	
Check and retighten the screws on the housing	24 months		X	
Crawlertrack				
Check for damage	Before each use	Replace immediately if cracks appear		X
Check the tension of the track	annually		X	
Handle				
Clean the contact pins	Before each use	Remove dirt from the contact pins		X
Check handle lock	6 months	Replace immediately if cracks appear		X
Check the wheelchair clamping system	6 months	Replace immediately if cracks appear		X
Check the strap	6 months	Replace immediately if damaged		X
Electronics				
Functional test of gauges	Before each use	If defective, send the device to the factory		X
Check the emergency stop	Before each use	If defective, send the device to the factory		X
Functional Test: Direction of Travel and Speed	24 months		X	
Check the battery and its connections	24 months		X	
Accessories for PTR				
Check all screw connections and retighten if necessary	6 months	Replace immediately if cracks appear	X	
Check all pivot points	6 months	Replace immediately if cracks or damage are found	X	
Inspect all attached parts and retighten if necessary	6 months	Replace immediately if damaged	X	

IMPORTANT:

In addition to the inspection intervals specified above, safety inspections must be performed in full each time the equipment is used and/or there is a change in user, and before the equipment is used again—even if there appears to be no damage or malfunction!

6 WARRANTY AND COSTUMER SERVICE

6.1 MODIFICATION OF THE TRACKED STAIRCLIMBER

- Modifications of any kind are not permitted and make void all liability and warranty claims to the manufacturer.
- Modifications to the tracked stairclimbers may only be made by the manufacturer.

OUR RECOMMENDATION!

In order to ensure an extended service life of the tracked stairclimber, we recommend having the tracked stairclimber serviced at regular intervals by an authorised SANO dealer. Please contact your SANO dealer for more information.

COSTUMER SERVICE

Costumer Service: +43 7239 / 510 10

7 WARRANTY AND LIABILITY

7.1 WARRANTY

The warranty period for the climbing unit and handle unit on all models of the LIFTKAR PTR tracked stairclimber is 24 months. Battery packs have a warranty period of 6 months. In both cases the warranty period starts on the day the product is handed over to the costumer.

The following are excluded from the warranty:

- parts subject to natural wear and tear
- damage that occurs from using the unit for a purpose it was not intended
- unauthorised modifications to the unit or accessories
- maintenance work required due to continuous operation
- faults occurring due to incorrect operation and/or failure to comply with the instruction manual, accidents, negligent or violent damage, damage due to fire and water, force majeure and other causes outside our control.

7.2 LIABILITY

SANO Transportgeraete GmbH is not liable as manufacturer for any damage, if:

- the LIFTKAR PTR is used for a purpose for which it is not intended.
- repairs, installation or other work have been carried out by unauthorised persons.
- the instructions in this manual are not complied with.
- non-SANO components are fitted or linked to the LIFTKAR PTR.
- original components are removed.



Please contact us for a list of authorised SANO service centers.

8 DECLARATION OF CONFORMITY

SANO Transportgeraete GmbH (actor ID/SRN: AT-MF-000053609) declares under its sole responsibility that the following mobile LIFTKAR stair climber models for passenger transport comply with the requirements of the Medical Device Regulation (EU) 2017/745 MDR as Class I medical devices.

Product classification: Class I based on (EU) 2017/745 MDR Annex VIII, Chapter III, Rule I. Conformity assessment procedure according to (EU) 2017/745 MDR Annex IX.

Intended use: For transporting people with walking difficulties up and down stairs indoors and outdoors. Transport must be carried out exclusively by a demonstrably trained attendant, and the model-specific maximum permissible load must not be exceeded.

Any changes made to the product without our prior consent render this declaration void.

Article data specifically for Germany					
Article number	**Trade name**	**Product name/Type**	**Basic-UDI-DI**	**UDI-DI**	**Firmware-Version from**
075801	LIFTKAR PTR 130 - HM	LIFTKAR PTR	912004777PTRJM	9120047773109	2.4
075802	LIFTKAR PTR 160 - HM	LIFTKAR PTR	912004777PTRJM	9120047773116	2.4
075803	LIFTKAR PTR-L 160 - HM	LIFTKAR PTR-L	912004777PTRJM	9120047773123	2.4
075805	LIFTKAR PTR-L 130 - HM	LIFTKAR PTR-L	912004777PTRJM	9120047773130	2.4

Article data for other countries					
Article number	**Trade name**	**Product name/Type**	**Basic-UDI-DI**	**UDI-DI**	**Firmware-Version from**
075702	LIFTKAR PTR 160	LIFTKAR PTR	912004777PTRJM	9120047773017	2.4
075701	LIFTKAR PTR 130	LIFTKAR PTR	912004777PTRJM	9120047773000	2.4
075703	LIFTKAR PTR-L 160	LIFTKAR PTR-L	912004777PTRJM	9120047773079	2.4
075705	LIFTKAR PTR-L 130	LIFTKAR PTR-L	912004777PTRJM	9120047773093	2.4

Relevant standards:

ISO 7176-28:2012

ISO 7176-14:2008

ISO 7176-21:2009

This declaration of conformity is valid until one of the listed types is changed.



Ing. Jochum Bierma, Managing Director

NOTES

Model:	
Serial No.:	
Manufacturing date:	
Date of purchase:	
Dealer:	

CONTACT

SANO Transportgeraete GmbH
Gewerbezeile 15
4040 Lichtenberg / Linz
Austria

Phone +43 7239 / 510 10 100
Fax +43 7239 / 510 10 001
office@sano.at

www.sano.at

SANO Deutschland GmbH
Geigelsteinstraße 10
83080 Oberaudorf
Germany

Tel. +49 8033 / 308 96 0
Fax +49 8033 / 308 96 17
info@sano-treppensteiger.de

www.sano-treppensteiger.de

SANO UK Powered Stairclimbers Ltd.
Bristol Court, Betts Avenue
Martlesham Heath
Ipswich, Suffolk / IP5 3RY, England

Tel. +44 1473 / 333 889
Fax +44 1473 / 333 742
info@sano-uk.com

www.sano-uk.com

Subject to changes without notice / LIFTKAR PTR 2026-11

WWW.SANO-STAIRCLIMBERS.COM