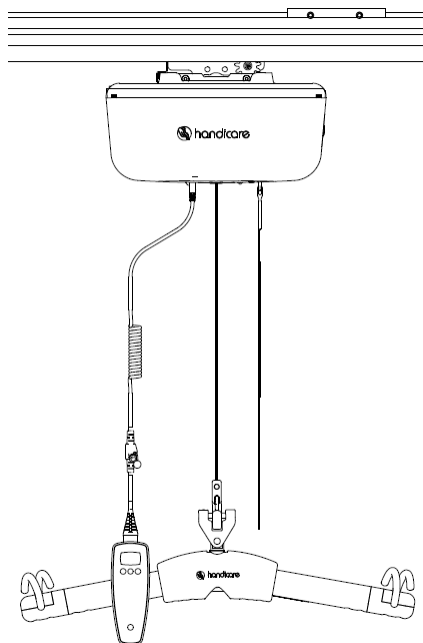


A-450/A-625

Handicare

User manual — English
Bruksanvisning — Svenska
Brukermanual — Norsk
Gebrauchsanweisung — Deutsch
Handleiding — Nederlands
Manuel utilisateur — Français



REF

A-450: 324200

A-450: 324202

A-450: 324204

A-450: 324206

A-625: 324201

A-625: 324203

A-625: 324201

A-625: 324205

SWL: 450 lb / 204.5 kg

SWL: 625 lb / 284 kg

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Cautions

- The A-450/A-625 **must be installed only by persons authorized by Handicare**. The installation guide is available to and for use by authorized dealers only.
- Under no circumstance should the A-450/A-625 track, lift, sling, or the entire system be put in control of a person who has not been properly trained in the use and care of this equipment. Failure to adhere to this warning may result in serious injury to the operator, or the individual being lifted/transferred.
- The A-450/A-625 lift, and associated track and slings are not toys. Do not use it for unsafe practices. Do not allow children to play with the lift or any of its components.
- The manufacturer's warranty is void if persons unauthorized by Handicare perform work on the A-450/A-625 lift system.
- There are no user serviceable parts inside the cover. Do not remove cover screws, or open the lift unit, as this may result in serious injury and will VOID THE WARRANTY. Contact your local Handicare dealer or your local Handicare business development manager for service.
- In facilities where more than one operator will be responsible for using the A-450/A-625 lift and associated track and slings it is imperative that all such individuals be trained in its proper use. A training program should be established by the facility to acquaint new operators with this equipment. Contact your local Handicare dealer or your local Handicare business development manager for training assistance.
- Never expose the A-450/A-625 lift or hand controller directly to water. Warranty does not cover any misuse or abuse of the lift system.
- To maintain optimum function, the A-450/A-625 should be inspected and maintained on a regular basis. See the section titled "General Inspection and Maintenance".
- Any accessories used with the A-450/A-625 including but not limited to track and slings, should be checked to ensure that they are in good working order. Check for signs of wear or fraying prior to each use. Report any unusual wear, or damage immediately to your local Handicare dealer or your local Handicare business development manager.
- The A-450/A-625 lift and associated accessories, track, and slings are intended only for lifting, repositioning and transferring of a person. Handicare will not be responsible for any damage caused by the misuse, neglect or purposeful destruction of the lift, or its associated components. Do not attempt to modify/ alter the A-450/A-625 lifts.
- Do not in any circumstance exceed the maximum allowable load of this lift. Refer to the "Specifications" section of this manual, or the labels on the lift.
- The installation of the lift, track, accessories, and sling are certified to a maximum load. Do not exceed the maximum rated load of any of the components.
- There is a risk of explosion if the lift is used in the presence of flammable anesthetics.
- Ensure that a clear space is maintained around the lift and track. Move all curtain material and other obstacles out of the way before performing a transfer.
- The charger must be located outside the patient vicinity at all times. The patient vicinity is the space with surfaces likely contacted by the patient or an attendant who can touch the patient.
- A-450/A-625 lifts should be decommissioned/disposed of after recommended service life in accordance with regional component specific disposal recommendations.

Use and Care

Introduction

To ensure safe operation of your A-450/A-625 lift, before using this equipment, carefully read this entire manual, especially the section on “Cautions”. The A-450 and A-625 are designed to be used in conjunction with Handicare/Prism Medical lift track, accessories, and slings; Refer to the user guides supplied with these components before using them and refer to them while reviewing this manual.

Be sure you understand the contents of this manual completely before using this equipment.



Failure to comply with warnings in this manual or proper lifting instructions may result in injury to the operator or the individual being lifted or transferred, as well as damage to the lift and related components.

If you have any questions after reviewing this manual, Contact your local Handicare dealer or your local Handicare business development manager.

Store this manual with the documents included with the lift system, sling, and all related components. Contents of this manual are subject to change without prior written notice.

Overview of A-450/A-625 Lift System

The A-450/A-625 is a lifting aid used by health care professionals and caregivers in homes, institutions, and long term care facilities to lift, position and transfer clients or a disabled family member.

The A-450/A-625 is one part of a ceiling lift system that lifts an individual directly from above, making it possible to transfer and reposition mobility impaired individuals safely, with dignity, and in comfort while minimizing both strain and risk to the caregiver. The ceiling lift also does not take up valuable floor space as most traditional methods do.

The A-450/A-625 lift is one of the three major parts that make up a ceiling lift system:

- **Lift** - Motorized unit that lifts an individual directly from above
- **Track** - Custom tailored and securely mounted to a ceiling structure, wall or floor provides the path for the lift to traverse
- **Sling** - Specially designed fabric accessory that attaches to the lift's carry bar to hold and support an individual for positioning or transfer

Refer to any user guides supplied with the accessories and reference them while reviewing this lift guide.

A-450 and A-625 Ceiling Lifts

The A-450/A-625 is designed to raise and transfer an individual along a track from one surface to another surface. The lift remains on the lift track when in use or charging.

The A-450/A-625 ceiling lift can be either a manual or powered model. With the manual version, the caregiver effortlessly moves the individual horizontal along the track. The powered version has a secondary motor that moves the individually horizontally.

Functions such as lifting up or down or moving left or right are controlled by pressing buttons on a digital hand controller attached to the lift.

Lift System

The following parts are included with your new A-450/A-625 lift system:

- A-450/A-625 lift (with Integrated Scale and Wi-Fi or without Integrated Scale and Wi-Fi)
- Digital Hand control
- Lift Charger (mounted on the wall or ceiling at the end of the track)
- Owner's Manual

Additional parts may include:

- **Slings** - If a sling has been supplied with the lift, refer to the instructions included with the sling.
- **Accessories** - If additional accessories such as a turntable or transition gate system have been supplied with the lift, refer to the instructions included with those items.

Figure 1 illustrates sample floor plans for an installed lift system.

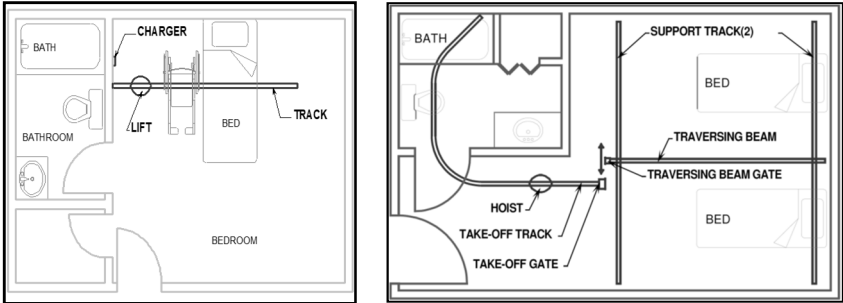


Figure 1: Installed Lift System Sample Plans

Charge the Lift



Before initial use, the lift unit must be charged for 5 hours.



Charge the batteries regularly. Handicare recommends the lift be left on charge when not in operation, and at the end of each day, which will maximize the life cycle of the batteries.



The lift may remain connected to the charger indefinitely since the charger has a built-in regulator to eliminate the danger of overcharging.

The ceiling lift charges in one of three ways, depending on its configuration:

- **End-Point Charging** – The rail features a charging point at one end, and the lift must be moved to that point in order to charge.
- **Constant Charging (Optional)** – Charging strips run along the inside of the rail and the lift charges automatically, at any place on the rail, whenever it is low. When the Constant Charger is charging, the lift indicator lights solid orange to indicate that the batteries are charging; once charging is completed, it lights green. The Constant Charger can be attached to all A-450/A-625 lifts except those equipped with the Return to Charge feature (page 19). The batteries can remain connected to the charger indefinitely, since the charger has a built-in regulator to eliminate danger from overcharging.
- **Hand Control Charging** - Using an optional barrel charger, the lift can charge through the hand controller cable. While charging, the lift indicator lights orange; it lights green once the lift is completely charged. The lift can be charged while turned on or off. See “Charge through the Hand Controller (Optional)” below for the procedure for charging the lift using the hand controller.

Charge through the Hand Controller (Optional)

The A-450/A-625 may be charged using a charging hand controller (PN 635400L, 635401L, or 635402L). For hand controller charging, an A-450/A-625 charger with a barrel connector (PN 635514) is also required (Figure 2).



Figure 2: Charger with Barrel Connector

To charge A-450/A-625 lifts through the hand control:

1. Ensure your lift hand controller has a charger input connector and you have an A-450/A-625 charger with barrel connector as shown in Figure 2.
2. Pull out the protective cap from the hand controller connector.
3. Align the charger's barrel connector with the opening on the hand control's charger connection point.
4. Insert the charger's barrel connector into the hand controller.
 - Once the charger is connected properly, the lift indicator lights orange and turns green when the lift is completely charged. The lift can be charged whether the lift is turned on or off.



The lift will not raise or lower when the hand controller charger is connected; Emergency lowering still functions.



Do not position the lift where it is difficult to disconnect the charger in an event of an emergency. The unit can be isolated electrically from "Mains" by unplugging the charger.

Low Battery

If the batteries of the lift are low and require charging, the indicator located on the underside of the lift lights orange, a beep audible alarm sounds when the button is pressed, and the hand controller displays the message **Low Battery**. If a transfer is in progress, complete the transfer (the Emergency Down and X-Y Traversing also continue to operate) and then move the lift to the end of the track where the charger is located.

- The lift may be used after one hour of charging from low battery; however, Handicare recommends overnight charging.

If the batteries are fully discharged and require charging, the indicator on the lift control panel lights red, a beep audible alarm sounds when the button is pressed, and the hand controller displays the message **Very low battery**.



When the battery is discharged the UP function is disabled. The Down, Emergency Down, and X-Y Traversing, continue to operate.



Power supply is considered a part of the A-625/A-450 system. Use only the charger that was supplied with the lift. Use of any other charger will void all warranties and may cause damage to the lift.



Do not position the lift where it is difficult to disconnect the charger in an emergency.



The unit can be isolated electrically from "Mains" by unplugging the charger.

Detach the QRS Carry Bar from the Quick Release Hook

To detach the QRS Carry Bar from the Quick Release Hook:

1. Hold the hook and carry bar.
2. Use your finger to push the latch down and open it.



Figure 13: Open the Latch

3. Hold the latch down and tilt the hook about 90°.



Figure 14: Tilt the Hook

4. Remove the carry bar from the quick release hook.



Figure 15: Remove the Hook

Install a Quick Release Hook

See the Carry Bar Connector Installation instructions included with the carry bar.

Wi-Fi

The A-450/A-625 can be purchased with an optional Wi-Fi diagnostic and usage module.

Connect to the Lift via Wi-Fi

To connect Wi-Fi-enabled lift to a Wi-Fi enabled PC, Laptop, Tablet, or Cellphone via Wi-Fi:

1. Turn on the lift.
 - The lift must be On; Wi-Fi doesn't work if the lift is on Standby.
2. Press any button on the hand controller to turn on the hand controller.
3. Power on the device you are connecting to the Lift system.
 - *If using a laptop*, open the network connecting wizard.
 - *If using a smartphone or tablet*, open the Wi-Fi menu.
4. Select the connection for the lift **HandiLift-XXXX**, where **XXXX** is the last four digits of the lift's control board serial number. The Password window displays (Figure 16).

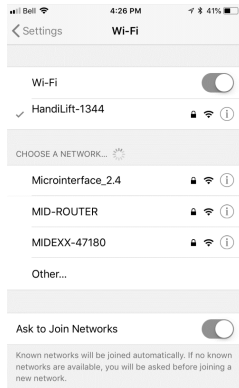


Figure 16: Password Window

5. Enter **0987612345**.
6. Depending on the operating system of the connecting device, a **No Internet Access** message may display. If one displays select **Yes**.
7. Open the Internet Browser of your device (Internet Explorer, Google Chrome, Mozilla Firefox, Safari).
8. In the navigation bar, enter **192.168.1.3**.
9. Press **[Enter]**. The Handicare Wi-Fi main menu screen displays (Figure 17).

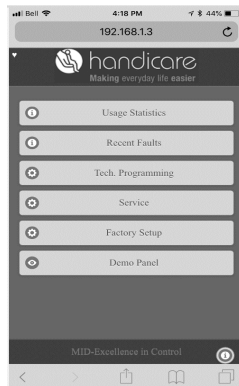


Figure 17: Wi-Fi Main Menu Screen

10. Select the **i** icon. Network information displays.
11. Select **Usage Statistics**. The Usage Statistics screen (Figure 18) displays, showing:
 - **Number of lifts** - The number of cycles the lift has performed
 - **Number of heavy lifts** - The number of heavy lift cycles (lifts more than 60% of the unit's SWL) the lift has performed

About Handicare

Handicare offers solutions and support to increase the independence of the physically challenged or elderly people and to enable them to live an active life—on their terms—and to facilitate for their care providers and family. The offering encompasses a comprehensive range of curved and straight stairlifts, transfer, lifting and repositioning aids, vehicle adaptations and medical equipment. Handicare is a global company with sales in more than 20 countries and is a market leader in this field. The head office is in Stockholm, Sweden and manufacturing is located at six sites distributed across North America, Asia and Europe.

A-Series

The A-Series Advantage

Built on the proven technology of the Handicare C-Series, the new A-450 and A-625 ceiling lifts raise patient handling to the next level. Increase patient protection with antimicrobial materials. Simplify patient transfers with its tilting design. Easily access real-time data and diagnostics. The A-Series ceiling lifts give you the extra advantage in safe patient handling.

Always make sure you have the correct version of the manual

The most recent version of all manuals are available for downloading from our website, www.handicare.com. <http://www.handicare.com/for/>

For questions about the product and its use

Contact your local Handicare dealer or your local Handicare business development manager.

Handicare offers solutions and support to increase the independence of disabled or elderly people as well as to improve the convenience of those who are caring for them.

The Handicare Group is one of the leading healthcare companies in Europe with its own manufacturing organizations and sales companies in Norway, Sweden, Denmark, Germany, the Netherlands, Great Britain, France, China, Canada, and the USA. Handicare's products are also distributed by partners in more than 40 countries worldwide. Our wide range of high-quality products include a complete easy transfer system and other patient handling aids, stairlifts, car adaptations, and bathing and toileting products.



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