

Straight Chairlift Outdoor

User Manual



A ThyssenKrupp
Elevator company

ThyssenKrupp Accessibility



ThyssenKrupp

Straight Chairlift Outdoor

User Manual

ATTENTION

**READ THIS USER MANUAL CAREFULLY BEFORE USING
THE CHAIRLIFT**

**PAY SPECIAL ATTENTION TO THE
'SAFETY INSTRUCTIONS' CHAPTER**

**KEEP THIS MANUAL IN THE VICINITY OF THE
CHAIRLIFT SO THE INFORMATION YOU NEED WILL
ALWAYS BE AVAILABLE**

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Preface

Congratulations!

You have chosen a chairlift produced by ThyssenKrupp Accessibility: a modern, user-friendly and safe product that will give you years of trouble-free service. We will do everything possible to justify the confidence you have placed in us. To make the best possible use of the chairlift, it is important that you read these instructions carefully before you begin using the chairlift.

These instructions

These instructions are meant for you as the user of the chairlift.

The instructions contain all necessary information for the correct and safe use of the chairlift.

In the instructions the words 'left', 'right', 'front' and 'back' are used to indicate a certain part of the chairlift. Here the basic premise is always the position of you as the user, sitting on the chairlift.

Symbols

In this user manual the following symbols will be used:



TIP

Tips and advice to make it easier to carry out the associated action.



WARNING

Actions that could result in damage to the lift, the surroundings or the environment if they are not carried out with care.



CAUTION

Subjects and actions for which extra attention and/or caution is required.

Chairlifts and the environment



Batteries

The chairlift contains two batteries to power the electric motor. These batteries may only be replaced by authorised technicians.

The user may replace the batteries in the call and send stations.

Do not dispose of batteries as household waste. For more information contact your supplier or the local authorities in charge of waste management.

Disposing of the chairlift

Chairlifts that are no longer in use are often taken back by your supplier after consultation. If this is not possible, consult your local authority to determine whether the chairlift can be recycled or the components can be processed in another environmentally friendly manner.

Safety instructions

General

Your chairlift has been designed for maximum user-friendliness in a private home. To ensure that the chairlift is operated correctly, it is important that every user is aware of the instructions in this user manual. You, as end user of the chairlift, always bear full responsibility for compliance with local safety requirements and directives.

ThyssenKrupp Accessibility is not responsible for damage or injury caused by failure to properly observe the safety requirements and directives described in the user manual or improper use or maintenance of the chairlift.

Labels on the chairlift

The labels on the chairlift are an important part of our safety measures. The stickers may not be covered or removed and must always be visible and legible. If the labels are unreadable or damaged, they must be replaced immediately. You can contact your supplier for this.

Users

- Only adults who are aware of the contents of the instructions are permitted to use the chairlift.
- Minors and users with an intellectual disability may only use the chairlift under supervision.
- The chairlift is exclusively intended for the transportation of one person per ride.
- Never exceed the maximum capacity. The permissible weight can be found on the product label and in Section 4.4 of this manual.
- Do not use the chairlift to transport animals or goods.
- Always carry out procedures in the specified order.
- Keep children away from the chairlift. Do not let them play with the chairlift.

Use

- Before use, inspect both the stairs and the chairlift. Only use the chairlift when the stairs are free of obstacles. Make sure there are no obstacles in or on the rail.
- Practice with the chairlift until you are fully able to execute all procedures.
- Be careful of loosely hanging articles of clothing (shawls, belts, jackets, wide skirts, etc.). Be sure they cannot become caught in the moving parts of the chairlift.
- Never stand on the chairlift. Sit on the seat and always use the safety belt.
- Remain seated upright during travel. Do not lean backward or forward. Do not make any unnecessary movements.
- Keep your hands on the armrests during travel.
- Keep your feet on the footrest. Do not let them protrude outside the footrest.
- Fold and unfold parts of the chairlift carefully.
- Report unusual sounds or vibrations to your supplier immediately.
- Keep the control unit free of dirt and grease.
- To avoid misuse, switch off the chairlift and remove the key when the chairlift is not in use.
- Protect the seat with the provided cover when the chairlift is not in use.

Technical specifications

The major parts that can be found in chapter 1.2 should not be altered.

Maintenance

- Never repair or disassemble the chairlift yourself. Chairlift parts may only be replaced by authorised/trained personnel.
- Only carry out maintenance that is described in Section 4 of this manual.



WARNING

Never remove the main power supply cable from the wall outlet or switch off the power. This ensures that the batteries remain charged and the lift is always ready for use.

- For N. America it is required to carry out regular inspections and tests to Standard A18.1.10.
- To comply with these requirements please contact your supplier/ installation engineer (see 4.5 for details).

1. Introduction

1.1 General description

The chairlift is designed for you to safely and comfortably use a staircase without any physical exertion. The chairlift can transport one person per ride.

The chairlift is driven by an electric motor that is powered by rechargeable batteries. The batteries are charged at the stop places at the top and bottom of the stairs.

The chairlift can be operated in two ways:

- With the control unit located in the armrest while you are seated on the chairlift.
- With the optional call and send stations you can bring the chairlift to you or send it to the desired location (top or bottom of the stairs) unoccupied. The call and send stations must be located indoors.

To reduce the space occupied by the chairlift when it is not in use, the armrests, seat and footrest can be folded up. It is recommended that the chairlift be folded away when others need to use the stairs.

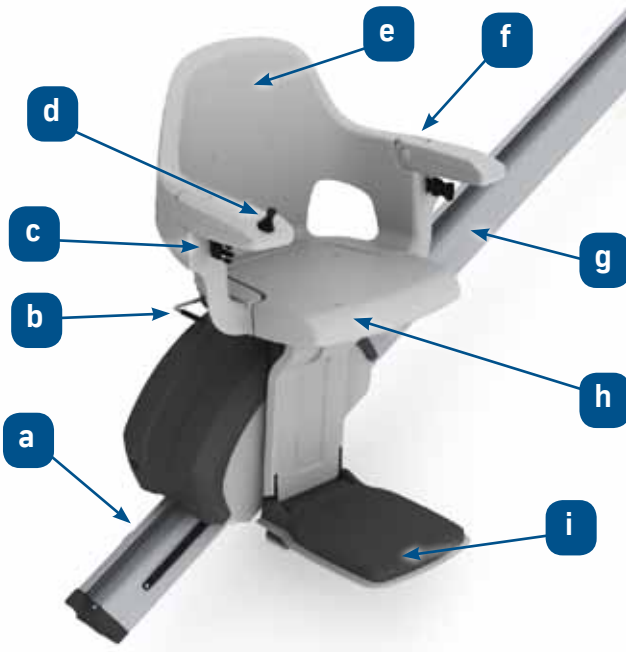
1.2 Major parts

In Figure 1.1 you see a schematic overview of the chairlift. The major parts are indicated with arrows.



TIP

Figure 1.1 shows the standard arrangement for a right-handed user with the control unit on the right-hand armrest.



Legend for Figure 1.1:

- a. drive unit
- b. swivel handle
- c. safety belt
- d. control unit
- e. backrest
- f. folding armrest
- g. rail
- h. folding seat
- i. folding footrest

Fig. 1.1: Major parts of chairlift

2. Operation

This chapter describes the controls and procedures for operating the chairlift.

2.1 Controls

The controls for moving the chairlift are:

- The control unit in the armrest.
- The remote call and send stations (optional).

All buttons on the call and send stations and the joystick on the control unit are 'hold to run'. This means that the chairlift only moves while a button or the joystick is held. The lift makes an audible sound prior to any movement (see also Section 2.3).

**TIP**

There is a short delay after activating a control. This is a safety feature.

2.1.1 Control unit

The control unit is designed to control the chairlift with a single hand movement.

The key switch is mounted on the underside of the armrest that holds the control unit. The key is easily accessible when the armrest is folded up.



Fig. 2.1: control unit with keyswitch

2.1.2 Call and send stations (optional)

The remote call and send stations (see Figure 2.2) must be located indoors. With the aid of these stations you can move the chairlift up or down. The key does not have to be in the ON position to operate the chairlift from the call and send stations.

The call and send stations will not function when the cover is placed over the seat.



Fig. 2.2: call and send station

2.1.3 Main switch

The main switch is used to switch the chairlift on and off.

It is recommended that you switch the chairlift off if you will not be using it for a period of more than two weeks.



Fig. 2.3: main switch

2.1.4 Key switch

The key switch is used to switch the control unit of the chairlift on and off to prevent unauthorised use.

When the key is in the OFF position the chairlift can only be operated from the call and send stations, not from the control unit.

2.2 Use of the chairlift



CAUTION

Read the safety instructions carefully before use.

2.2.1 Calling the chairlift with the call and send stations (optional)

Before you press the call button, check whether the staircase is free of obstacles. Then push the call button on the call and send station (see Figure 2.2) and keep it pressed in until the chairlift has arrived at the stop place.

Keep in mind that the buttons on the call and send stations are 'hold to run'. The chairlift stops immediately when a button is released.

2.2.2 Unfolding the chair

The chairlift can be folded up when parked.



Fig. 2.4: Folded and unfolded chair

If the seat cover is in place, remove it first.

Follow these steps to unfold the chair:

1. Pull the swivel handle upwards and turn the chair towards you (upstairs only).
2. Fold down the footrest.
3. Fold down the seat.
4. Insert the key and turn it clockwise (to the right).
5. Fold down the two armrests.



CAUTION

Make sure nothing is on the chair base when lowering the seat, since this his could damage the hinges.



TIP

The chair can only be swivelled away from the stairs on the upper landing. When the chair has been swivelled, the chairlift is electrically disabled.

You cannot drive the lift up or down until the chair is swivelled back into the ride position.

2.2.3 Sitting down on the chair

1. Sit down on the chair with your back against the backrest.
2. Fasten the safety belt for your own safety.
3. If you have swivelled the chair, swivel the chair back to the ride position, facing the opposite side of the staircase. The chairlift will not move while in the swivelled position.
4. Carefully place your feet on the footrest.

2.2.4 Driving the chairlift



TIP

Keep your stairs and chairlift free of leaves and branches.

1. Check whether the staircase is free of obstacles.
2. Push the joystick in the direction you want to travel.

The joystick on the control unit is 'hold to run'. The chairlift continues moving until you release the joystick or until you have arrived at the destination.

A built-in safety feature prevents abrupt changes of direction. When the lift is stopped along the way there is also a brief delay before it will start again.

**CAUTION**

Always park your chairlift on a charging contact. If you do not park the chairlift on a charging contact, the batteries will discharge and you will not be able to use the chairlift.

2.2.5 Rising from the chair

To rise from the chair easily and safely, you must swivel the chair away from the stairs (only upstairs).

1. Pull the swivel handle upwards and turn the chair away from the stairs.
2. Release the safety belt.
3. Rise out of the chair.

2.2.6 Folding up the chair

After use, you can fold the chair to provide better access to the stairs. It is recommended that the chairlift be folded away when others need to use the stairs.

**CAUTION**

For your safety, make sure the chair is swivelled towards you at the top of the stairs.

1. Fold up the two armrests.
2. Turn the key anti-clockwise (to the left) and remove it.
3. Fold up the seat.
4. Fold up the footrest.
5. Swivel the chair back to the ride position with the aid of the swivel handle.

Protect the seat with the provided cover when the chairlift is not in use.

2.3 Signals during use

Signal	Meaning
A short beep	The chairlift is about to move
	The call and send stations are activated
Two short beeps	The chairlift has reached the end stop and is on a charging contact

3. Warning signals

If the chairlift does not work properly or does not work at all and you cannot solve the problem with the instructions in this user manual, please contact your supplier for assistance (see Section 4.5).



CAUTION

Never try to repair the chairlift yourself.

3.1 Warning and alarm signals

Signal	Meaning	Action
Rapid series of beeps every ten seconds	The chairlift is not on a charging contact	Drive the chairlift to a charging contact
	The power supply is disconnected	Connect the power supply
Continuous rapid beeps	The chairlift, has encountered an obstacle and stopped	Drive the lift in the opposite direction and remove the obstacle
	The seat is swivelled	Turn the seat to the ride position
	There is a malfunction in the chairlift	Contact your supplier

3.2 Batteries insufficiently charged

If the batteries are insufficiently charged, you will not be able to drive the chairlift. If discharged batteries cause the chairlift to stop while travelling upstairs, you will still be able to return to the bottom.

Leave the chairlift at the bottom park position for several hours and make sure the lift is switched on. If you do not hear an audio signal, the batteries are being charged. If this occurs frequently, contact your supplier.

4. Maintenance and service

4.1 Cleaning

- For your safety, only clean the chairlift when it is parked at the bottom station.
- Clean the chair regularly with a soft, damp cloth. Use a mild detergent if necessary.
- The rails should be wiped lightly on a regular basis. Be careful not to touch the gear rack, because it is greased.

**CAUTION**

Do not use caustic detergents and do not use water directly on the chairlift.

**CAUTION**

Do not use a garden hose to clean the chairlift. This could cause severe damage.

Protect the seat with the provided cover when the chairlift is not in use. This will ensure that the lift remains in good condition.

4.2 Replacing the batteries in the call and send stations (optional)

There are two penlight (AA) batteries in each call and send station. Follow these steps to replace discharged batteries:

**TIP**

Replace the batteries in the call and send stations once a year.

1. Open the battery cover on the call and send station.

2. Replace the old batteries with the new ones. Insert them as indicated on the housing.
3. Fit the battery cover on the call and send station.
4. Dispose of the old batteries at an appropriate waste collection station.



CAUTION

Do not dispose of batteries as household waste.

4.3 Preventive maintenance

In addition to cleaning, regular maintenance of your chairlift is necessary to ensure it continues to work properly. This maintenance must be performed by authorised maintenance technicians. We therefore recommend that you take out a maintenance contract. Contact your supplier for more information about the maintenance contract.

For N. America the relevant sections of the standard A18.1-10 must be used for regular inspections and test.

4.4 Technical specifications

General	
Europe	
Capacity (max.)	125 kg
Rail angle (max.)	53 degrees
Driving speed (max.)	0.12 metres per second
Sound	< 65 dB (A)
North America	
Capacity (max.)	275 lb
Driving speed	20 ft/min

Electrical system

Operating voltages	24 V DC rechargeable batteries
Mains (Europe)	240 V 50 Hz
(North America)	120 V 60 Hz

Environmental conditions

Ambient temperature	-10 °C to 40 °C (14 to 104 °F)
Relative humidity	20 - 100%

4.5 Contact

For information about settings, maintenance or other matters not addressed in these instructions, contact your supplier.

Supplier:

Name

Address

Tel no.

Email

Website

(Stamp)