

HomeGlide

User manual



 **access**
Business Development Division

A Division of ThyssenKrupp Access Ltd.

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Version 2.0

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1. Introduction




1.1 Manual

The manual describes all equipment that is available for the HomeGlide chairlift. Not all features may be available for the model installed in your home. Illustrations may differ from the model installed in your home.

The terms “left”, “right”, “front” and “rear” are used to identify specific parts of the chairlift. The reference point is always your position as user, sitting on the chairlift.

The terms “parking point” and “charging point” commonly refer to the same point. When the action of parking is referred to, the term “parking point” is used. When the action of charging is referred to, the term “charging point” is used.

1.2 Symbols

	WARNING	“WARNING” means that injury or death is possible if the instructions are not obeyed.
	CAUTION	“CAUTION” means that damage to equipment is possible if the instructions are not obeyed.
	NOTE	“NOTE” is used to give additional information.

1.3 Intended use

The chairlift has been designed to transport one mobility-impaired person up and down the stairs. The chairlift can only be used for straight stairs.

The chairlift operates with an electric motor that is powered by rechargeable batteries in the motor housing. The batteries are charged at the charging points at the top and bottom of the stairs. As an option, the batteries can also be charged at any additional charging point.

The chairlift can be operated in two ways:

- While you are seated on the chairlift, use the armrest control unit in one of the armrests.
- If the chairlift is not in the required place, use the call-and-send controls at the top and bottom of the stairs.

2 Safety

2.1 Safety warnings

ThyssenKrupp Accessibility BV is not responsible for injury or damage caused by not obeying the safety warnings in the manual.

2.1.1 User

- Before you use the chairlift, read the manual carefully. Only use the chairlift if you know the safety warnings and the operating instructions.
- An authorised technician will demonstrate how the chairlift operates. Do not hesitate to ask the technician all your questions. Before you use the chairlift, make sure that you understand all procedures.
- Keep the manual near the chairlift for easy reference. Save the phone number of the service centre in or near your phone.
- The chairlift is only intended for use by adults who have fully read and understood the manual.
- Minors and users with an intellectual disability can only use the chairlift under supervision.
- Keep children away from the chairlift. Do not let children play with the chairlift.
- Do not use the chairlift for the transport of more than one person at the same time.
- Do not use the chairlift when your weight is more than the maximum permitted weight: 125 kg (257 lbs).

2.1.2 Stairs and chairlift

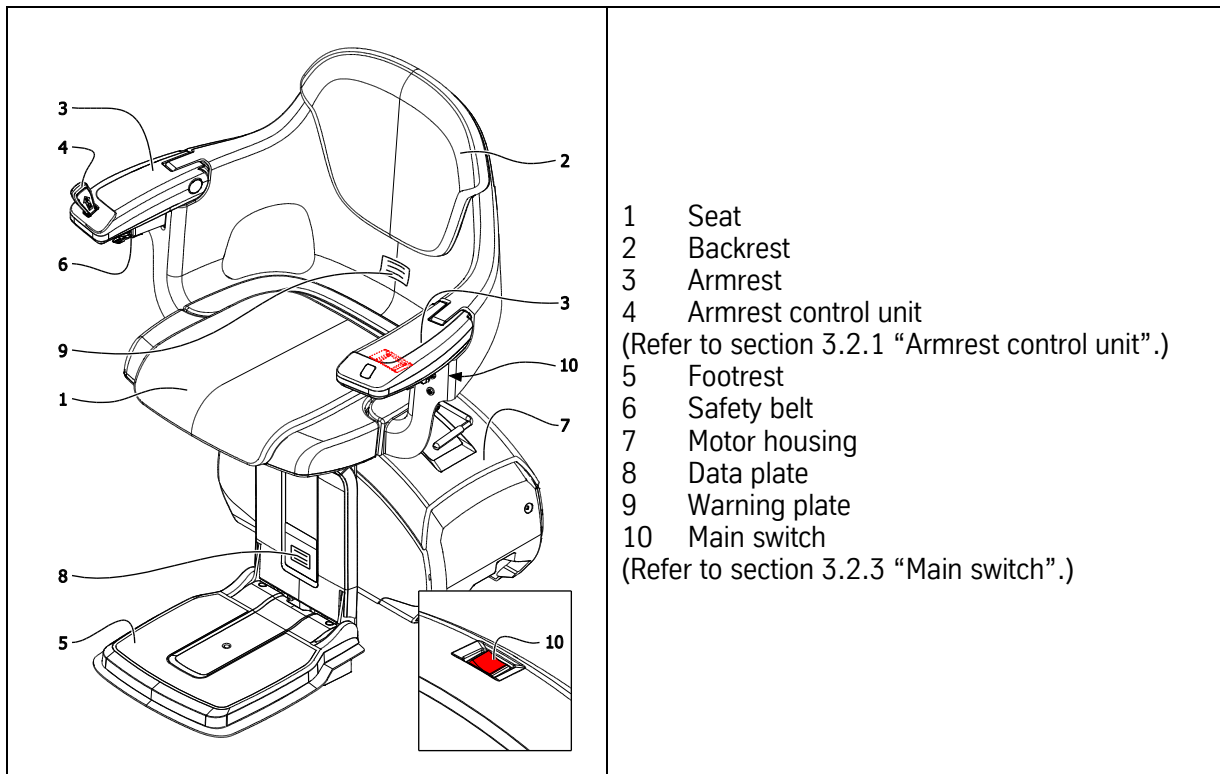
- Do not use the chairlift in case of fire or near explosive materials.
- Keep water and moisture away from the chairlift.
- Do not use the chairlift to transport animals. Keep animals away from the stairs and the chairlift.
- Do not use the chairlift to transport goods. Keep goods away from the stairs and the chairlift.
- Before use, inspect the stairs and the chairlift. Only use the chairlift when the stairs are free of obstacles. Make sure that there are no obstacles on the rail.
- Make sure that loose clothing cannot become caught in the moving parts of the chairlift.
- Do not stand on the footrest. Always sit on the seat.
- Always wear the safety belt.
- Remain seated upright during the ride. Do not lean back or forward. Do not make any unnecessary movements.
- Keep your arms and hands on the armrests.
- Keep your feet on the footrest. Do not let your feet protrude outside the footrest.
- Do not get off the chairlift on the stairs, not even in case of a breakdown. Only get off the chairlift at the parking points.
- Carefully fold or unfold any parts of the chairlift.
- Do not physically force the chairlift to start moving.
- Park the chairlift at a parking point to make sure that the batteries remain charged. The chairlift stops when it arrives at a parking point. If you do not park the chairlift at a parking point, a continuous sound indicates that the batteries can become empty.
- Report unusual sounds or vibration to your supplier immediately.
- The joystick is also an emergency device.
Indoor use: In case of an emergency, remove the joystick from the armrest control unit. The chairlift will not operate when the joystick is removed from the armrest control unit.
Outdoor use: In case of an emergency, switch off the chairlift using the key switch.
- Keep the mains cable connected to the wall outlet to make sure that the batteries remain charged and the chairlift is ready for use.

2.1.3 Maintenance

- Only carry out maintenance which is described in the manual. Refer to chapter 5 “Maintenance”.
- An authorised technician must carry out maintenance and repair which is not described in the manual.
- Do not disassemble or repair the chairlift yourself. Have chairlift parts repaired and replaced by an authorised technician.
- Do not modify the chairlift in any way.
- Do not remove stickers, labels, data plates and warning plates from the chairlift.
- If you think that the chairlift has a defect which can cause injury or death, do not use the chairlift and immediately contact ThyssenKrupp Accessibility BV.
- For North America: Do regular tests and inspections according to “ASME A18.1 - 2005: Safety Standard for Platform Lifts and Stairway Chairlifts”.

3 Description

3.1 Chairlift

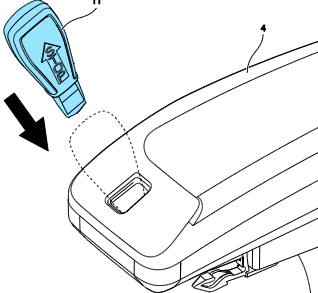



3.2 Controls

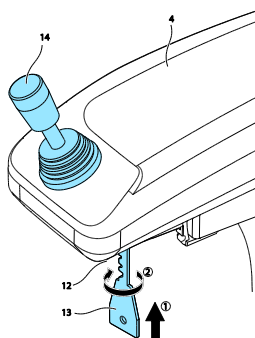

3.2.1 Armrest control unit

Use the armrest control unit to move the chairlift while you are seated in the chair. The armrest control unit is mounted on the armrest that is closest to the bottom of the stairs.

3.2.1.1 HomeGlide / HomeGlide Extra

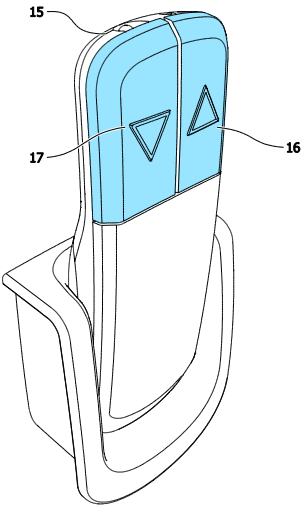

	11	Joystick	<ol style="list-style-type: none"> 1. Insert the joystick into the armrest control unit. 2. Push and hold the joystick to the left or to the right to move the chairlift. 3. Release the joystick to stop the chairlift.
<div style="display: flex; align-items: center;">  <div> <p>NOTE</p> <ul style="list-style-type: none"> • The chairlift will only move if the joystick is inserted in the armrest control unit. • The armrest control unit has priority over the call-and-send controls (if the joystick is inserted in the armrest control unit). </div> </div>			

3.2.1.2 HomeGlide Outdoor

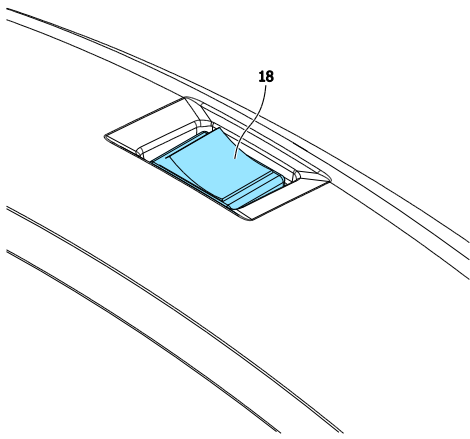

	12	Key switch	<ol style="list-style-type: none"> 1. Insert the key into the key switch. 2. Switch on the chairlift using the key switch.
	13	Key	<ol style="list-style-type: none"> 3. Push and hold the joystick to the left or to the right to move the chairlift.
	14	Joystick	<ol style="list-style-type: none"> 4. Release the joystick to stop the chairlift.
<div style="display: flex; align-items: center;">  <div> <p>NOTE</p> <ul style="list-style-type: none"> • The chairlift will only move if it is switched on using the key switch. • The armrest control unit has priority over the call-and-send controls (if the key is inserted in the key switch and the chairlift is switched on using the key switch). </div> </div>			

3.2.2 Call-and-send controls

Use the call-and-send controls to move the chairlift while you are not seated in the chair. The call-and-send controls are located at the top and the bottom of the stairs.

	15	Call-and-send control	
	16	Ascend button	<ol style="list-style-type: none"> 1. Point the call-and-send control to the chairlift. 2. Push and hold the button to raise the chairlift. 3. After the chairlift stops, release the button.
	17	Descend button	<ol style="list-style-type: none"> 1. Point the call-and-send control to the chairlift. 2. Push and hold the button to lower the chairlift. 3. After the chairlift stops, release the button.
 <p>NOTE</p> <ul style="list-style-type: none"> • The armrest control unit has priority over the call-and-send controls. • HomeGlide Outdoor: Keep water and moist away from the call-and-send control. The call-and-send control is not waterproof. 			

3.2.3 Main switch

	18	Main switch	<p>In normal use, the main switch is not used.</p> <ol style="list-style-type: none"> 1. Set the main switch to the off position to switch off the chairlift. 2. Set the main switch to the on position to switch on the chairlift.  <p>CAUTION</p> <ul style="list-style-type: none"> • Use only the main switch to switch the chairlift on or off. Do not remove the mains plug from the wall socket.
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3.3 Swivel seat

3.3.1 Manual swivel seat

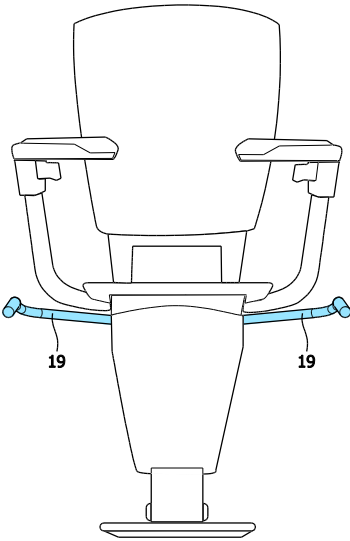
(HomeGlide / HomeGlide Extra / HomeGlide Outdoor)

Before you sit down or stand up, you can turn the chair to face the landing at the top floor level. With the manual swivel seat, you can turn the chair 70° while the chairlift is at a landing. You cannot move the chairlift until the chair is back into the ride position (i.e. at a 90° angle with the stairs).



WARNING

Before you sit down or stand up, lock the swivel seat.

	19	Manual swivel seat	<ol style="list-style-type: none">1. Pull up the handle to unlock the seat.2. Turn the seat to face the landing at the top floor level.3. Release the handle to lock the seat.
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3.3.2 Automatic swivel seat

(HomeGlide Extra)

The chairlift is equipped with an automatic swivel seat. Before you sit down or stand up, the chair will turn automatically to face the landing at the top floor level. The chair will also turn back automatically to face the stairs. The chairlift will not move until the chair is back into the ride position (i.e. at a 90° angle with the stairs).

3.4 Optional features

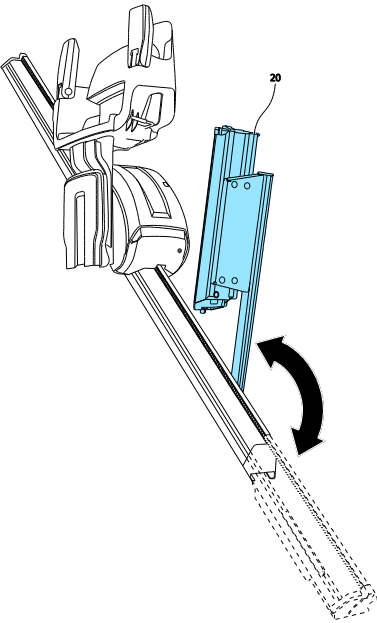
3.4.1 Hinged rail

The hinged rail is a section of the rail at the bottom of the staircase that will automatically lower and raise when the chairlift is operated. The hinged rail is a useful feature in situations where there is an obstruction (doorways) or where the protrusion of the foot of the rail can cause a tripping hazard (passageways). The hinged rail comes together with an extra parking point.



WARNING

Before you use the chairlift, make sure that the area around the hinged rail is free of obstacles.

	20	Hinged rail	<ol style="list-style-type: none">1. Push and hold the joystick to the left or to the right to move the chairlift.2. If the chairlift reaches the extra parking point, it will come to a momentary standstill.3. Keep the joystick pushed until the hinged rail is fully raised or lowered. The chairlift will start moving again automatically.
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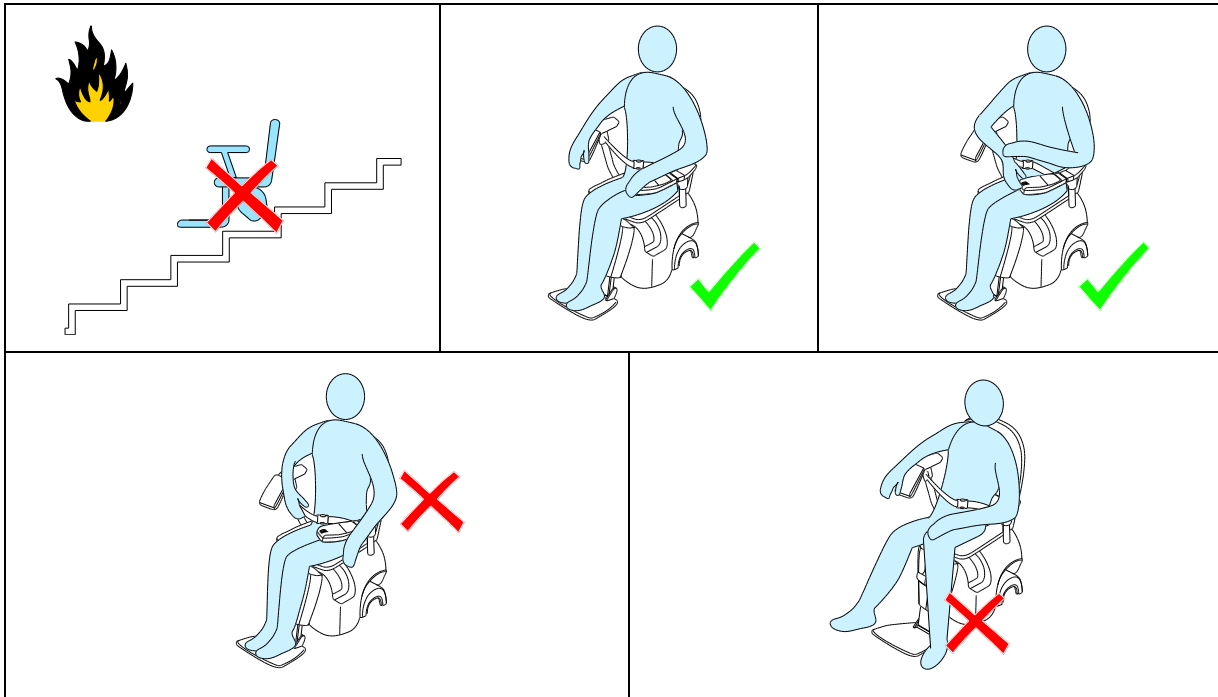
3.4.2 Extra parking point

The chairlift can be equipped with an extra parking point. If the chairlift reaches the extra parking point, it will come to a momentary standstill. Keep the joystick pushed until the chairlift starts moving again automatically.

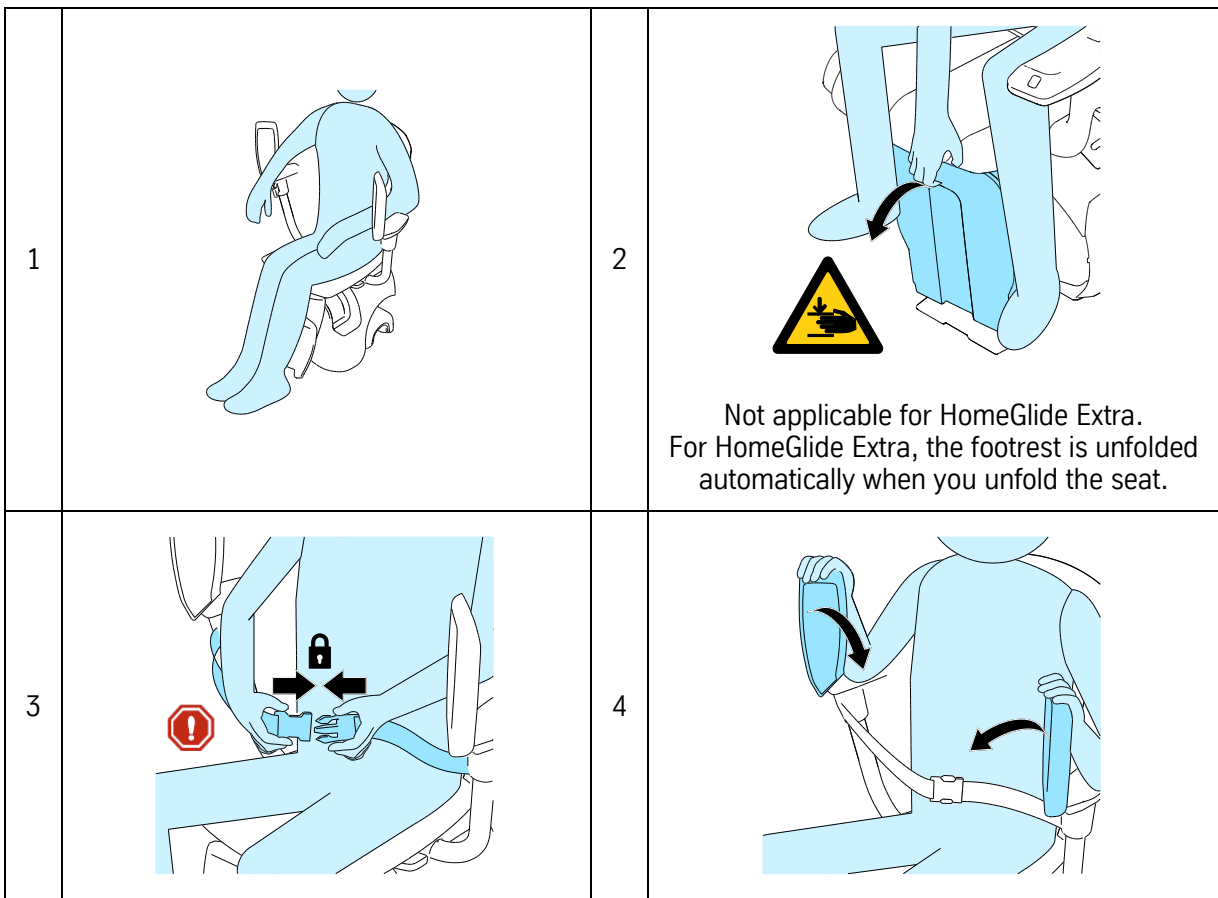
3.4.3 Rain cover (HomeGlide Outdoor)

The rain cover keeps off leaves and other garden debris and provides additional protection against the elements (rain, hail, snow, lightning, etc.). Put the rain cover over the chairlift.

4 Use



4.1 Unfolding the seat and sitting down



4.2 Travelling with the chairlift



CAUTION

HomeGlide / HomeGlide Extra: Do not remove the joystick from the armrest control unit for normal use. Only remove the joystick from the armrest control unit in case of an emergency or to switch off the chairlift in order to prevent unauthorized use. The chairlift will not operate when the joystick is removed from the armrest control unit.

1. Push and hold the joystick on the armrest control unit to the left or to the right to move the chairlift. Refer to chapter 6 “Signals”.



NOTE

If you release the joystick, the chairlift will stop immediately. You can start the chairlift again only after a short delay.

2. The chairlift will stop at all parking points. If you hold the joystick to the left or to the right, the chairlift will start moving again automatically.
3. Release the joystick to stop the chairlift.

4.3 Emergency stop



WARNING

Do not get off the chairlift on the stairs, not even in case of a breakdown. Only get off the chairlift at the parking points.

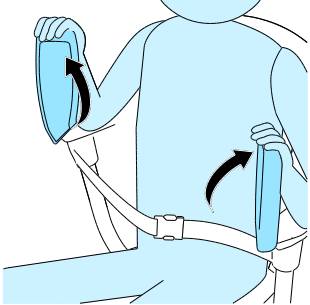
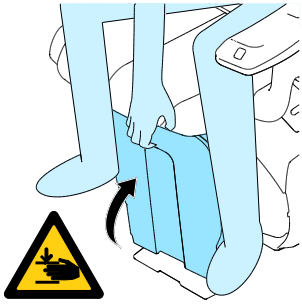


CAUTION

Do not remove the joystick from the armrest control unit for normal use. Only remove the joystick from the armrest control unit in case of an emergency. The chairlift will not operate when the joystick is removed from the armrest control unit.

- To stop the chairlift in case of an emergency, remove the joystick from the armrest control unit.
- To start the chairlift again, insert the joystick back in the armrest control unit.

4.4 Standing up and folding the seat

1	
3	 <p>Not applicable for HomeGlide Extra. For HomeGlide Extra, the footrest is folded automatically when you fold the seat.</p>

5 Maintenance

5.1 Cleaning the chairlift

- Regularly clean the chairlift – seat, backrest, armrest, footrest, safety belt, motor housing – with a soft, damp cloth. If necessary, use a mild detergent.
- Keep the armrest control unit and the call-and-send controls free of dirt.
- Regularly remove dust from the stairs and the rail with a vacuum cleaner.

5.2 Replacing the batteries

The call-and-send controls use 2 AA batteries. After approximately 12 months, replace the batteries.

1. Open the cover of the battery compartment.
2. Replace the batteries.
3. Close the cover of the battery compartment.



NOTE

After you replace the batteries, purchase new spare batteries as soon as possible.

6 Signals

SIGNAL	MEANING	ACTION
Fast intermittent beeps	The chairlift has encountered an obstacle and has stopped.	Move the chairlift in the opposite direction to a parking point. Before you use the chairlift, make sure that the stairs are free of obstacles.
	The batteries are low.	Replace the batteries.
2-tone beeps during 3 seconds, repeated every 10 seconds	The chairlift is not on a charging point.	Move the chairlift to a charging point.
1 beep for 2 seconds	The chairlift starts moving.	---
3 beeps for 2 seconds	The chairlift arrives at a landing.	---
1 beep for 0.5 second, repeated every second + 3-tone end beep	The automatic swivel seat is in motion.	---
1 beep for 0.5 second, repeated every second	The hinged rail is in motion.	---

7 Technical data

Maximum permitted weight		125 kg (275 lbs)
Driving speed (nominal)		0.12 m/s (23.6 ft/min)
Sound pressure level		67 dB(A)
Electrical system		
Europe	HomeGlide / HomeGlide Extra	Input voltage: 230 V _{AC} United Kingdom: 240 V _{AC} Frequency: 50 Hz Output voltage: 24 V _{AC} Output current: 1000 mA
	HomeGlide Outdoor	Input voltage: 230 V _{AC} United Kingdom: 240 V _{AC} Frequency: 50 Hz Output voltage: 6 V _{AC} Output current: 2700 mA
USA / Canada	HomeGlide / HomeGlide Extra	Input voltage: 120 V _{AC} Frequency: 60 Hz Output voltage: 24 V _{AC} Output current: 1000 mA
	HomeGlide Outdoor	Input voltage: 120 V _{AC} Frequency: 60 Hz Output voltage: 6 V _{AC} Output current: 2700 mA
Japan	HomeGlide / HomeGlide Extra	Input voltage: 100 V _{AC} Frequency: 50/60 Hz Output voltage: 24 V _{AC} Output current: 1000 mA
	HomeGlide Outdoor	Input voltage: 100 V _{AC} Frequency: 50/60 Hz Output voltage: 6 V _{AC} Output current: 2700 mA
Environmental conditions		
Ambient temperature		Indoor: 5 - 40 °C (41 - 104 °F) Outdoor: -10 - 60 °C (14 - 140 °F)
Relative humidity		Indoor: 20 - 80% Outdoor: 0 - 100%
Batteries (chairlift)		
Battery type		NP7-12LFR / NP7-12TFR: 12 V
Number of batteries		2
Charging time		16 hours
Capacity		10 journeys (125 kg (275 lbs), 1 floor height)
Batteries (call-and-send control)		
Battery type		AA: 1.5 V
Number of batteries		2

8 EC Declaration of conformity

ThyssenKrupp Accessibility BV declares that:

the Levant chairlift (commercial name: Levant Standard / Levant OT / Levant Outdoor),
with serial number 340000 to 999999,

complies with the relevant EC directives:

- Machine Directive 2006/42/EC
- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC
- RoHS Directive 2011/65/EU

Authorized person to compile the file:	W.L.A. van Engelen ThyssenKrupp Accessibility BV
Notified Body	Liftinstituut BV Buikslotermeerplein 381 1025 XE Amsterdam (The Netherlands) EC-type examination certificate: NL06-400-1001-061-04 Rev.2
Harmonized standard	EN 81-40 2008
Other standards and specifications	EN 81-1/2A1 2006, EN 300-220-1V2.1.1 2006-04, EN 61001-3-2, EN 61001-3-3 A1 2001, EN 61001-6-1, EN 61001-6-3 A11 2004, EN-IEC 61508-1/7 2001, EN-IEC 60204-1 2006, ISO 9386-2 / ISO 14121-1 (Risk Assessment)

Krimpen aan den IJssel, 3 June 2013

Managing Director



H.R. Dreesch

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Bank: The Royal Bank of Scotland (RBS) Account: 49.77.69.395	CoC number: 24324608 VAT number: NL8000.57.788.B08
All our offers and agreements are subject to the General Terms and Conditions of the Dutch Association of Elevator and Escalator Engineering (Nederlandse Vereniging voor Lift- en Roltrapechniek) in Zoetermeer, as they were last registered at the Chamber of Commerce of The Hague.	

9 Contact

For information which is not in the manual, contact your dealer.

Phone number:

To support you as quickly as possible, please have the below details available when you contact our service department staff:

Name of user:

Phone number:

Installation number:

Type of chairlift:

Description of the problem:

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Manufacturer

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