



Operating Instructions



Congratulations on the purchase of your new L-Tec Outdoorlift from L-TEC-Swiss AG. Your L-Tec Outdoorlift has been developed to offer you greater comfort and to enhance your enjoyment of your property.

The system conforms to European standards. If required, we can provide our manufacturer's declaration along with the EC-type-examination certificate.

On completion of the installation, the executing company instructed you, the operator of this L-Tec Outdoorlift, on how to operate the system and presented to you this manual. Before you start using your L-Tec Outdoorlift, please take a few minutes to read through it carefully.

Make sure that you understand how to operate the lift so that you can avail of the many options it offers. If you require clarification of any issue, please contact your service agent immediately or the manufacturer L-TEC-Swiss AG directly. Please keep this manual in a safe place for future reference.

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1. Safety

Please note the following safety instructions when operating your L-Tec Outdoorlift.

In the event of inappropriate behavior or misuse, we cannot exclude the possibility of personal injury or material damage to the L-Tec Outdoorlift, to the surrounding property or to goods carried inside the lift. Improper use of the L-Tec Outdoorlift is not permitted.

Any deviating behavior or use of the L-Tec Outdoorlift without the express approval of the manufacturer L-TEC-Swiss AG shall absolve it of any liability for compensation or warranty services in the event of loss or damage.

! This symbol is used to draw attention to safety-relevant aspects of operating the L-Tec Outdoorlift. Please pay particular attention to these sections.

! Intended use of the L-Tec Outdoorlift

The L-Tec Outdoorlift is designed primarily for the transportation of authorized persons who have received suitable instruction in outdoor areas. The number of persons carried at any one time must not exceed the number of persons specified on the type plate. The maximum carrying capacity of 450 kg must not be exceeded.

! Transporting goods

This is only permissible provided that the all the following regulations are adhered to:

- Goods may only be carried in the interest and with the agreement of the responsible owner or operator of the lift.
- The carrying capacity of 450 kg must not be exceeded at any time, the goods must be secured to prevent them falling, moving or falling off the platform, and at no point may they extend beyond the area of the platform.

! Key

If you have ordered a system equipped with locks, remove the key from the lift or from the calling station each time you use the lift. Store it in a safe place out of reach of unauthorized persons.

Note that the other keys for the system (such as those for access doors, switch cabinet, main switch) should be stored in a safe place that can also be accessed at all times.

1. Safety

! Risk of injury

If you sit down, do not stand up again for the rest of the ride. Please remain seated until the lift has reached the halting station.

The route along which the cabin travels is monitored by sensors fitted to the front and rear of the cabin. Any contact with the sensors will cause the lift to stop immediately. Nevertheless, please ensure that no persons or objects are in the travel area while the lift is moving. Particular attention is required on curved sections to ensure that any obstacles are spotted in good time.

! Emergency stop switch



Fig. 1

Every L-Tec Outdoorlift is equipped with an emergency stop switch. If you need to stop the lift in case of an emergency, press the red emergency stop button on the cabin control panel.

! Maintenance

To keep your system in perfect operating condition, we recommend that you have preventative maintenance carried out on a regular basis by the manufacturer or the authorized service agent. We strongly advise against having the system maintained by persons who have not received special training for this purpose.

Please inform your service agent of any unusual event such as malfunctions, unusual noises or vibrations. Never use the L-Tec Outdoorlift if it is damaged.

2. System description *Cabin*

- 1** Cabin control panel:
 - with halting point buttons
 - key switch
 - emergency stop switch
- 2** LED lighting:
 - always on
- 3** Handrail:
 - Standard on the closed glass sides
- 4** Folding seat:
 - can be folded out at any time. Folds up automatically.
- 5** Cabin door:
 - Lift only moves when door is closed. The door only unlocks when lift comes to a standstill.
- 6** Switch cabinet cover:
 - access to switch cabinet and main switch (for authorized persons only)

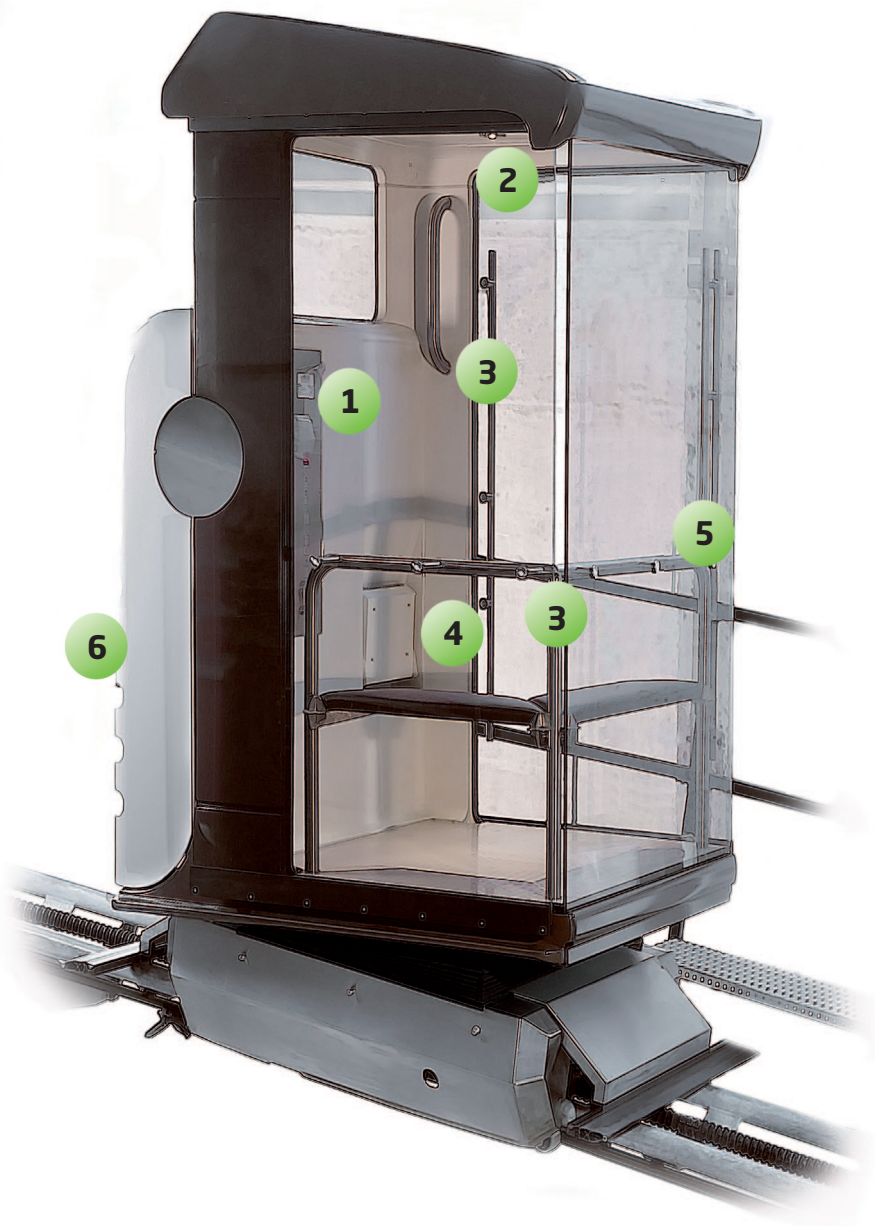


Fig. 2

2. System description *Electrical system for resetting*



Fig. 3



Fig. 4

Bear in mind that the switch cabinet in the lift is connected to a mains supply of 230/400V!

Please notify the customer service department before you start working on it!

Secure the main switch (red in the picture; Fig. 3) with your own lock to which only you have a key.

The switch cabinet is still connected to the voltage even when the main switch is switched off!

To switch off the current in the system, you must switch off the power supply at the current feed.

2. System description *Electrical system for resetting*

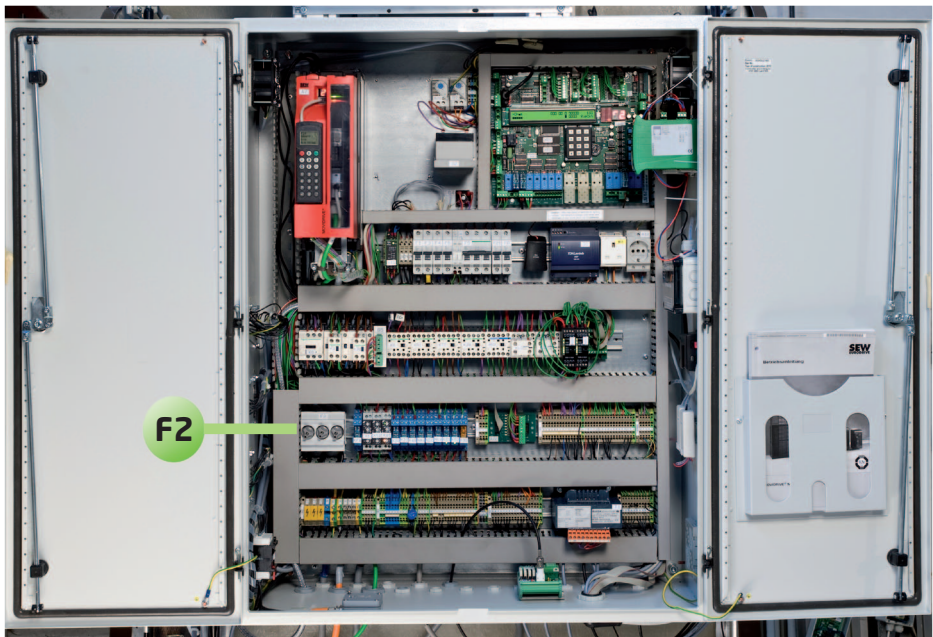
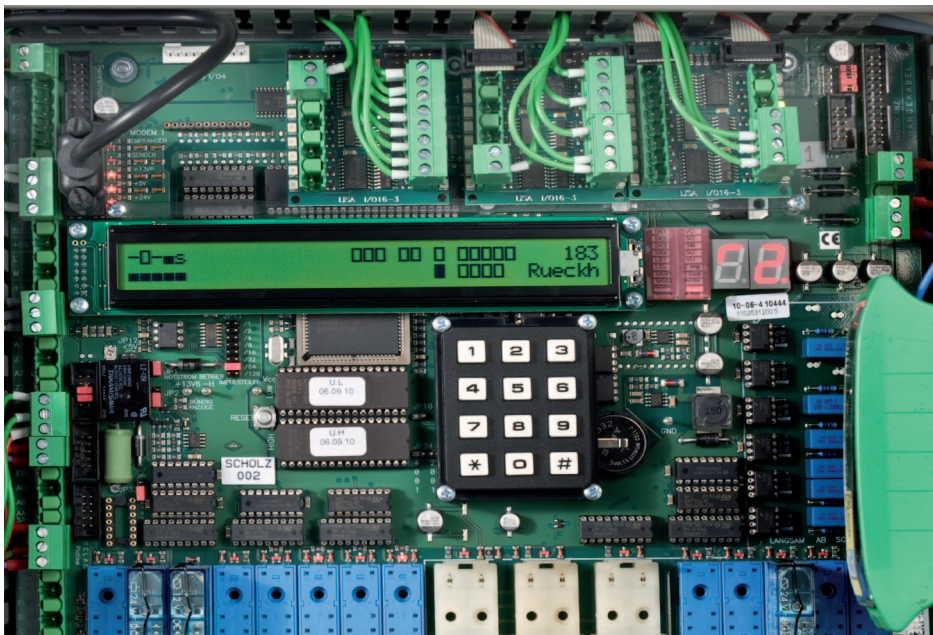


Fig. 5

Fig. 6 (Display without labeling cover)



3. Operating instructions *Main current*

The L-Tec Outdoorlift is extremely safe and straightforward to operate, provided that you adhere to the following instructions: Look carefully at Figures 1 to 5, in Sections 1 and 2, to familiarize yourself with the components of your L-Tec Outdoorlift and their names.



Fig. 7

The main switch on the switch cabinet (under the cover on the rear side) outside the cabin or on the connecting cabinet (at the halting station - at the top or at the bottom) must be switched on before the lift can be used (Fig. 7). The key switch must be set to „1“ (Fig. 8; the key can be removed). Once the system is switched on, the lighting in the cabin comes on when you call the L-Tec Outdoorlift.

You can shut down the system using either the main switch in the switch cabinet or the key switch in the cabin.

The main switch on the switch cabinet in the cabin can be locked in the „OFF“ position with the aid of a padlock (not supplied).

Fig. 8



To use the L-Tec Outdoorlift, you must first call the cabin using the halting station button at your location.

If you have installed a key switch, turn the key to On (1) - until the button is no longer lit.

You can now remove the key again.



Fig. 9

Cabin control panel

Microphone and speaker

Halting station buttons

Emergency call button

Reset button

Key switch

Emergency stop switch

Fig. 10



Outside control panel

Call button

Key switch for switching on the outside control panel

3. Operating instructions *Entering the cabin and driving*



Fig. 11

Open the sliding doors manually. Use the key to switch on the cabin (if you have not already done so).

The doors close automatically by means of spring force. If necessary, check that the door is closed as otherwise the lift will not move.

The L-TEC Outdoorlift is now ready to run. Select the desired halting point using the halting point button.



Fig. 12

USE IN EMERGENCY ONLY!

If you press the red emergency stop switch on the cabin control panel, the lift will immediately stop.

Fig. 13



To continue your ride after an emergency stop, you must return the emergency stop switch to the off position and then press the reset button.

Only then can you select your required halting station by pressing the required halting station button.



Fig. 14

Folding seat

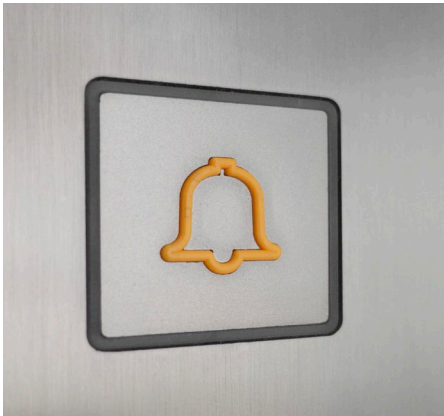


Fig. 15

Help from third parties - emergency call

You can use the emergency call button on the cabin control panel to request assistance from a third party or a service company.

The emergency call function provides for external voice communication with a permanently staffed office.

In this situation, you will be informed via the cabin speaker what steps are being taken to evacuate you.



Fig. 16

4. Maintenance and Service *Service agreement*

Preventative inspections and maintenance ensure trouble-free operation. This avoids inconvenience and the costs resulting from consequential damage.

It is the owner's responsibility to organize periodic maintenance by trained personnel. We recommend that a thorough maintenance be carried out every 6 months, or depending on the frequency of use.

Service agreement

Benefit from the experience of our authorized service personnel to keep your L-TEC Outdoorlift in perfect condition at all times. We recommend that you conclude a service agreement with an authorized service agent or directly with L-TEC-Swiss AG. Please contact us for further details.

! Caution.

If you notice any unusual vibrations or noises, please report this immediately to your service agent or the manufacturer L-TEC-Swiss AG. Please do not use the lift under these circumstances.

Until the next maintenance is carried out, you can assist the service personnel in your capacity as owner or operator by noting the following points:

Make sure that the system is kept in a clean condition.

Contact your service agent immediately if anchorages or other parts are loose or appear loose.

Carry out regular checks on the safety equipment.

Make sure that the lift travels along the entire route at least once a month.

Troubleshooting

For your safety, the L-TEC Outdoorlift manufactured by L-TEC-Swiss AG is equipped with numerous mechanical and electrical safety devices. The lift can only be operated if these devices are functioning properly. If malfunctions occur on your lift, please follow the troubleshooting instructions provided below.

! Warning.

You should only attempt to identify the possible cause of a malfunction. Under no circumstances should you attempt to interfere with, modify or bypass the safety devices. Otherwise, you will be liable for any personal injuries or material damage incurred as a result of such action.

Please follow the instructions below step by step. Start with step 1.0 and do not perform any steps unless explicitly advised to do so by these instructions.

Please note that the lift can only be operated from the respective calling station for which operation is activated using the key.

- 1.0 Does the lamp in the button on the control panel in the cabin light up?
 - Yes - go to 2.0
 - No - go to 1.2
- 1.1 Does the lighting in the cabin work?
 - Yes - go to 2.0
 - No - go to 1.3
- 1.2 Switch the main switch located on the side of the switch cabinet off. Wait 30 seconds, then switch it on again. Is the lamp in the button still off?
 - Yes - call your service agent
 - No - go to 1.0

5. Troubleshooting

1.3 Proceed as follows:

1.3.1 Make sure that the main fuse in the building is switched on (supplies power to the lift).

1.3.2 Make sure that the main switch on the driving gear box is switched on.

1.3.3 Switch the main switch on the switch cabinet on the rear of the cabin off. Open the door of the switch cabinet. Make sure that the three large fuses F2, which are mounted on the cover of the electrical components (center left; see Page 11, Fig.5), are switched on. Close the door and switch the main switch on again.

Is this the second time that you have carried out steps 1.3.1 to 1.3.3?

Yes - call your service agent

No - go to 1.0

2.0 Is the door fully closed, is the emergency stop switch set to ON (I)?

Yes - go to 2.1

No - go to 2.2

2.1 Do the following:

2.1.2 Make sure that the touch-sensitive sensor strips at the front and rear of the L-TEC Outdoorlift are free of any obstructions.

2.1.3 If the key switch in the cabin is set to ON, insert the key into the lock in the cabin and then turn it to give a start impulse to make sure.

2.1.4 Try to operate the lift from the control panel switched on using the key.

Does the lift work after you have completed steps 2.1.1 to 2.1.4?

No - call your service agent

6. Warranty

- 2.2 Make sure that the door is closed, and switch the key switch on the cabin control panel on.
Do the cabin lighting light up?
Yes - go to 2.3
No - call your service agent
- 2.3 Does the lift move if you press the button for the halting station?
No - call your service agent

End of checks.

6. Warranty

L-TEC-Swiss AG offers a two year warranty against defects in materials and manufacturing, subject to proper use and regular maintenance of the L-TEC Outdoorlift, starting from the date of installation with the operator. This does not include normal signs of wear and tear.

The following are explicitly excluded from this warranty:

- misuse, negligence, accidents or modifications
- damage caused by fire, lightning or water (flooding, forces of nature)
- failure to adhere to the regulations in these operating instructions
- repairs or modifications carried out by persons other than an authorized service agent of L-TEC-Swiss AG.

The manufacturer's liability is limited to the repair or replacement of defective components. The costs arising as a result of transport and hourly-paid additional work are not included. L-TEC-Swiss AG shall not replace any components lost or damaged as a direct or indirect result of normal use or misuse.

7. Technical details

Technical details

Capacity:	6 people, 450 kg, suitable for wheelchairs
Curve radius:	min. 10 m
Incline:	0 - 45 °
Speed:	approx. 1m/s, continuously variable acceleration and braking
Level adjustment:	automatic
Drive system:	self-propelled, patented chain drive system (on-board)
Cabin:	Aluminum structure with GFRP facing
Interior dimensions:	1140 x 1320 x 2030 mm (LxWxH)
Exterior dimensions:	1720 x 1440 x 2400 mm (LxWxH)
Door headroom:	1950 mm
Door clearance width:	900 mm
Track:	600mm wide, from 200mm high (depending on terrain) galvanized, powder-coated steel
Stopping points:	up to 45
Acces:	on one side, manually-operated sliding door
Power supply:	400 V 50 Hz 5 KW
Approval:	in accordance with Directive 2006/42/EC on machinery Conformity assessment procedure conducted by DEKRA Industrial.

The safety requirements of the German elevator guideline as well as the requirements regarding inclined wheelchair lifts are fulfilled in all relevant points.

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L-TEC Swiss AG
Bühlstrasse 15
CH-8200 Schaffhausen
Switzerland

office +41.52.657 3235
mobile +49.171.7643207
e-mail info@ltec-outdoorlift.com

ltec-outdoorlift.com