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I.Foreword

Congratulations on purchasing your new wheelchair lifting platform.

This is an original user manual for your new HDN-Lift.

It is important to read this manual before using the lifting platform.

Set-up and installation MUST be undertaken by a qualified Liftup service technician, so as to ensure correct assembly.

Improper assembly can lead to unintended danger elements.

The HDN-Lift is a new and innovative lifting platform for wheelchair users.

The solution sees elegant design combined with a robust construction, which can be adapted to the environment. The platform is space-saving, and so does not need room for long ramps or the like. The floor is raised and lowered gently and elegantly, which gives wheelchair users and walking-impaired access to two levels.

The lifting platform is operated easily via operating panels mounted on the wall, or by means of a stylish remote control.



2.EU declaration of conformity

Machinery directive 2006/42/EU

Manufacture	er: Liftup A/S						
Address:							
	Hagensvej 21, DK-9530 Støvring, Denmark						
Telephone no.:							
	+45 9686 3020						
hereby declares that:							
Device: impaired	Hidden and lowerable lifting platform for wheelchair users and walking-						
Year:	2012						
conforms to the key health and safety requirements of the Machinery Directive:							
The following was used in the assessment:							
ISO 9386- I: 2000 Power operated lifting platforms							
Conforms with EU directive 2004/108/EU of 15th December 2004 on the approximation of the laws of the Member States relating to Electromagnetic Compatibility.							
Direct	tor Flemming Eriksen						
Title	e Name						
Liftup A/S, Hagensvej 21, DK-9530 Støvring							
	Place						
01-13-	2012						
Dat	te Signature						



3. Type Certificate

COPY OF CE MARK INSERTED HERE



4. Factory Acceptance Test (FAT)





FACTORY ACCEPTANCE TEST

Certificate

is hereby issued to

(insert product type)

with serial no.

(insert serial number)

To certify that all safety tests, performance tests and other tests specified by our certified ISO 9001:2015 Quality Management System have been successfully passed and documented.



Issue date

Test responsible

Liftup A/S | Hagensvej 21 | DK-9530 Støvring | Denmark T +45 96 86 30 20 | M support@liftup.dk www.liftup.dk | CVR DK-1015 3964



5. Terms of use

This lifting platform is solely for the use of wheelchair users or the walking-impaired.

The max. load is 400 kg evenly distributed on the platform and a max. of 2 persons.

The model type and max. load can also be seen on the CE mark fitted internally on the safety plates.

Read this user manual thoroughly before using the lifting platform.

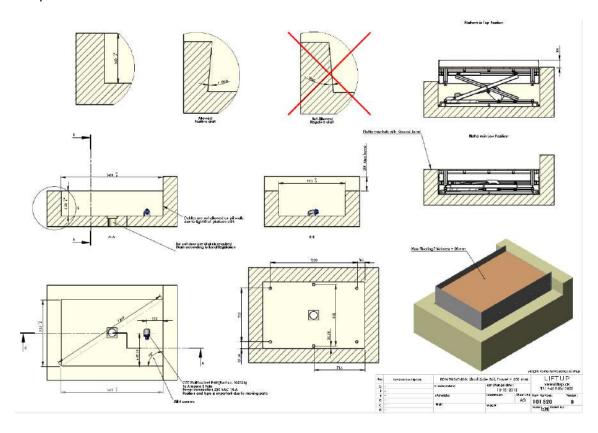
The lifting platform may NOT be used for goods transport; no loaded pallets or other forms of heavy loads on the platform.

The owner of the lifting platform is obliged to maintain the platform according to the Maintenance Guide in section 12.



6. Technical specifications

Sample:



Technical specifications:

Power: 230V/50 Hz/min. 10A Platform size: 1400 x 900/1000/1100 mm.

Dead weight: 110 kg. approx.

Pit depth: 350 mm.

Lifting height: 0 – 500 mm.

Lifting capacity: 400 kg

Lifting speed: 20 mm/sec.

Noise level: < 70 dB.

Approval: Machinery Directive DS/EN 2006-42

Duty Cycle: 2 min. / 18 min



7. Safety instructions

7.1 Installation and maintenance

Do not attempt to install or maintain your HDN-Lift yourself. This MUST be undertaken by an authorised* service technician.

Do NOT remove the protection or safety plates, as this may lead to personal injury.

7.2 Unintended HDN-Lift movements

If during the use of your HDN-Lift movement or action occurs which is not described in this manual, stop the lifting platform and summon technical assistance.

If your HDN-Lift fails to move plane as a platform, a mechanical defect may have occurred – summon technical assistance.

If the lifting platform does not stop respectively on the upper and lower levels level with the floor, it may need calibration. Do this by moving the platform down to floor level and holding down the down button for approx. 5 seconds.

If the problem continues, call technical assistance.

7.3 HDN-Lift movements

The space under the lifting platform must be kept free of all objects that may impair the platform's downward movement. Otherwise the platform cannot be moved to the lowest level and thus not be used as a wheelchair lifting platform. Under normal circumstances no objects will be able to get under the platform, as access is completely barred.

7.4 Avoid personal injury

So as to avoid personal injury it is NOT permitted to use the HDN-Lift when someone or something is at risk of being injured by crushing, cutting, falling, slipping or similar. The operator shall as far as possible ensure that movement can occur without putting someone or something at risk.

Be extra careful when there are small children and disabled on or near the lifting platform, as these groups cannot always be expected to be able to foresee the possible consequences of the movement.

7.5 Overload of the HDN-Lift

In order to avoid material damage from overload (max. 400 kg evenly distributed) your HDN-Lift is fitted with overload protection, which stops the platform in case of overload. In such cases, move the platform down in order to exit it.

*Have gone through a product and service course at Liftup.





8. Personal Safety

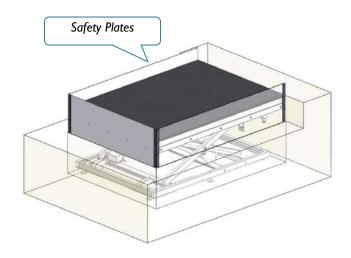
The HDN-Lift is fitted with various safety devices which ensure that the user and other persons are not injured using the lifting platform.

8.1 Anti-crushing

The HDN-Lift is fitted with safety plates on all open sides, which protect people from crushing.

Do not remove these plates, as personal injury may result.

Note too, that the plates function as barriers, i.e. when the lifting platform rises the plates will first move 100mm upward before the platform begins to move.



8.2 Avoid personal injury

- So as to avoid personal injury it is NOT permitted to use the HDN-Lift when someone or something is at risk of being injured by crushing, cutting, falling, slipping or similar.
- It is important that the operator ensures that the platform can move without putting anyone or anything at risk.
- Be extra careful when there are small children and disabled on or near the lifting platform, as these groups cannot always be expected to be able to foresee the possible consequences of the movement.
- Never try to load more on the lifting platform than stated on the load sign's max. load (400 kg.).





8.3 Safety plates

When the HDN-Lift is moved to the "lift up" position, the safety plates will first rise and lock before the lifting platform begins to move. These plates are now acting as barriers. When the lifting platform is moved into the down position, the safety plates will automatically lower into the lifting platform, and it can then be exited.







Plane floor, ready for roll-on and roll-off

Safety plates in up position

Lift up, ready for roll-off

8.4 Handling

The HDN-Lift is normally supplied by your dealer, who also takes care of installation. Do not try to move the lifting platform manually, as this can lead to permanent injury. The product should be moved and handled with suitable lifting equipment (pallet-truck, roller plate or the like).

Do not subject the lifting platform to severe knocks as this can affect functionality.

Keep the supplied remote control* dry and do not subject it to severe blows, such as by throwing it. Cleaning may only be done using a well-wrung cloth.

Never use a high-pressure jet or hose to rinse the lifting platform, as this can damage the product.

* Additional equipment



9. Functioning

The HDN-Lift is a so-called "dead man operated" lifting platform, i.e. the buttons must be depressed during the entire motion.

The platform works simply by the user calling it by pressing one of the buttons on the wall, or by using the supplied remote control*.

When the user is on the lifting platform this is operated from the panel by the platform, where one can choose to be conveyed to a higher or lower level.

10. Assembly

The lifting platform must be installed by an authorised service technician. Do not attempt to transport or uninstall your HDN-Lift, or to repair it. This MUST be undertaken by an authorised service technician.

Improper assembly can pose risks for user personal safety. Liftup disclaims any liability if assembly and installation are not performed by an authorised service technician.

For more information or materials on assembly, contact your dealer.

II. Start-up

The HDN-Lift's control unit should always be connected to a 230V socket and be switched on.

Normally the lift is in constant stand-by mode, i.e. it is ready for use as soon as one of the operating buttons is pressed.

* Additional equipment





12. Operation

12.1 Daily use

The HDN-Lift is operated using the two operating panels respectively above and below the platform, a button panel sited by the platform or by using the remote control*. The remote control replaces or supplements the operating panels.





Fig. 1

12.2 Operating the HDN-Lift from the TOP level

In order to call the HDN-Lift to the TOP level, depress the platform.

The lifting platform starts by raising the safety plates, and then it moves up to the top level. Remember to depress the push button for the entire time, since the platform will automatically stop when the button is released.

The platform stops automatically when it reaches the top level. Now the user can enter the lifting platform.



HDN-Lift ready for drive on from the top level

^{*} Additional equipment



12.3 Operating the HDN-Lift from the BOTTOM level

If the lifting platform is not already at the bottom level, call it as follows:

In order to call the HDN-Lift to the BOTTOM level, depress the below the platform.

The platform begins to move towards the bottom level. When this level has been reached, the safety plates continue to drive down. When the safety plates are completely down and plane with the floor, the platform automatically stops, and is now ready to enter.

Remember to depress the push button for the entire time, since the platform will automatically stop when the button is released.



HDN-Lift ready for drive on from the bottom level

12.4 Operating the HDN-Lift when the user is on it

Use of the lifting platform is performed by using the using the platform, or by using the remote control*.

- To raise the lifting platform, press the top button and hold it down until the platform stops.
- To lower the platform, press the bottom button and hold it down until the platform stops, and the safety plates are completely down.



^{*} Additional equipment



13. Operation

Under normal operating conditions the lifting platform shall always be connected to 230V. The platform is in standby-mode when it is not being used, and will always be ready for use as desired.



IMPORTANT!

If you notice the lifting platform not working as expected or if it stops after a few centimetres, technical problems may have arisen which require remedial work by technically qualified personnel. Contact your dealer for further help.



14. Maintenance

14.1 Cleaning

General cleaning may only be done using a well-wrung cloth.

Do NOT use a high-pressure jet or rinse the HDN-Lift directly using a hose.

14.2 Mechanical maintenance

The mechanical maintenance of the lifting platform shall normally only be undertaken in connection with the regular service inspection. This is to be undertaken by an authorised service technician 2/4 times a year, depending on whether the platform is indoors or outdoors.

Should unexpected errors or jarring sounds occur, contact your dealer at once.

14.3 Remote control (accessory)

Two batteries are installed in the remote control. In order to ensure reliable function swap the batteries every 6 months. To swap the batteries, do the following:

- 1. Loosen the screw on the rear of the remote control
- 2. Remove the back panel
- 3. Loosen the screw which holds the batteries
- 4. Swap the batteries
- 5. Refit the battery holder
- 6. Refit the back panel and test

The remote control uses 2 x AAA batteries.



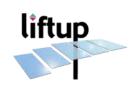




15. Installation and handover

Sample:

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	ode: phone No.:			rial No.: tallation date:
	onone ino.: nt acceptance of installation:			talled by:
No.	Description	Checke	ed	Any comments
ı	Testing together with the client			
2	Review of the manual	↓ □		
3	Overload			
5	Safety skirt function 230V to the controls (must not be			
6	disconnected) Any change of the battery in the			
7	Any pairing of the remote control			
8	General maintenance			
9		_		
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16. Maintenance checklist

In addition to the general maintenance described in section 12, we recommend as the manufacturer, that routine inspections are undertaken every 6 months by an authorised service technician. The dealer you have bought the product from will offer this service, but if you wish to use another service provider, the owner of the HDN-Lift is responsible for ensuring that the chosen service technician is qualified in the product in question. For safety reasons it is very important that these inspections are maintained, since lacking or improperly performed inspections may result in personal injury.



IMPORTANT!

Before inspecting the lifting platform (or under it), the platform MUST be dismounted from the controls in order to secure against accidental operation. The service technician is responsible for performing this disassembly before starting servicing.

It is not enough to disconnect the 230V supply, as the system is fitted with a battery backup.

Sample:

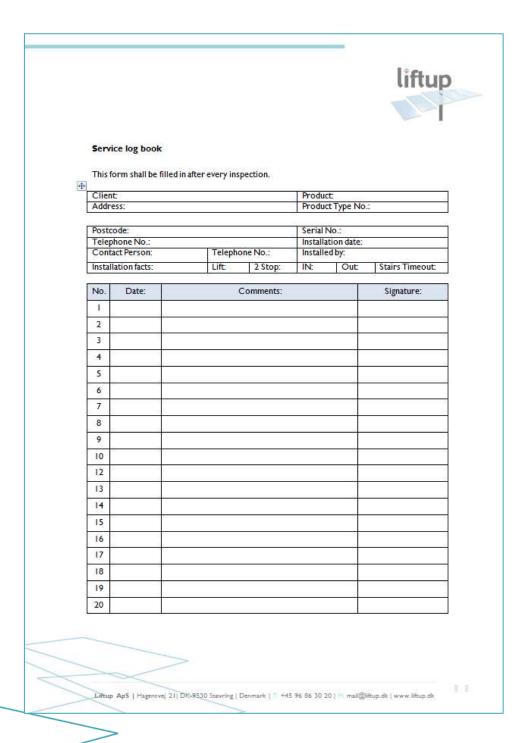
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Serial no						
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Othercor	nments:					
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☐ Check ☐ Clean ☐ Report Spare parts Part no.	rt in clien	's service log book Description			Price per pce.	Price
Check Clean Report Spare parts Part no.	rt in clien	C's service log book Description Actuator cable			Price per pce.	Price
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Check Clean Report Spare parts Part no.	rt in clien	L's service log book Description Actuator cable T2V batteries			Price per goe.	Price



17. Service log book

This form shall be filled in after every inspection.

Sample:



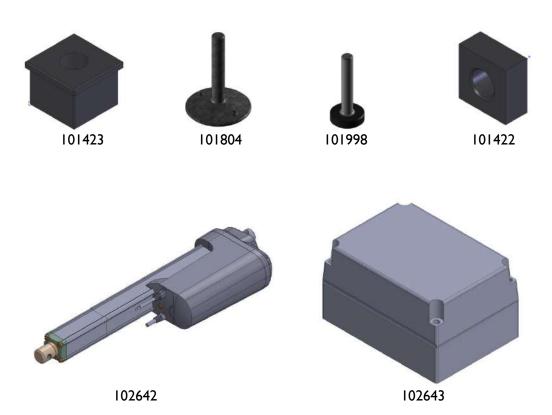


18. Spare parts

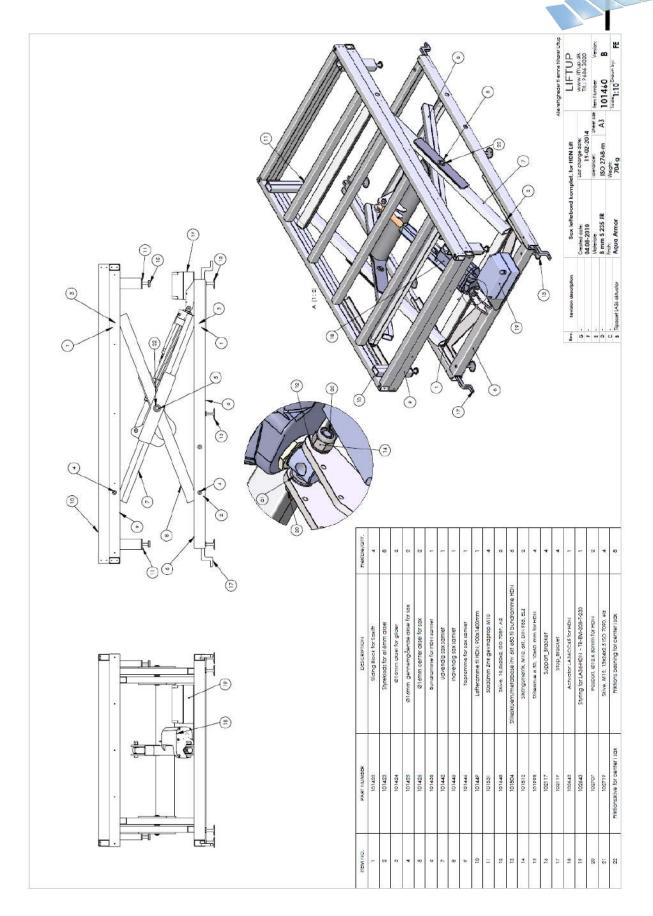
Original spare parts shall always be used. Replacement of parts may only be done by a qualified service technician.

If other parts are used than those prescribed, the warranty is voided, and Liftup at the same time renounces any liability for product safety.

Part no.	Description
101423	40x40xØ16 mm. bush
101804	Adjusting screw ø 50, for HDN (for bottom frame)
101998	Adjusting screw ø 30, for HDN (for top frame)
101422	Sliding Block for scissor lift
102642	Actuator for HDN
102643	Control unit for HDN
102791	Remote Control - HDN, Receiver unit for act. 102643, 868 MHz
101604	Remote Control - Transm. unit, Handheld, Easylift/HDN, 868M
101809	Call Station, HDN wireless, 2 way
102206	Call station HDN, 2 way

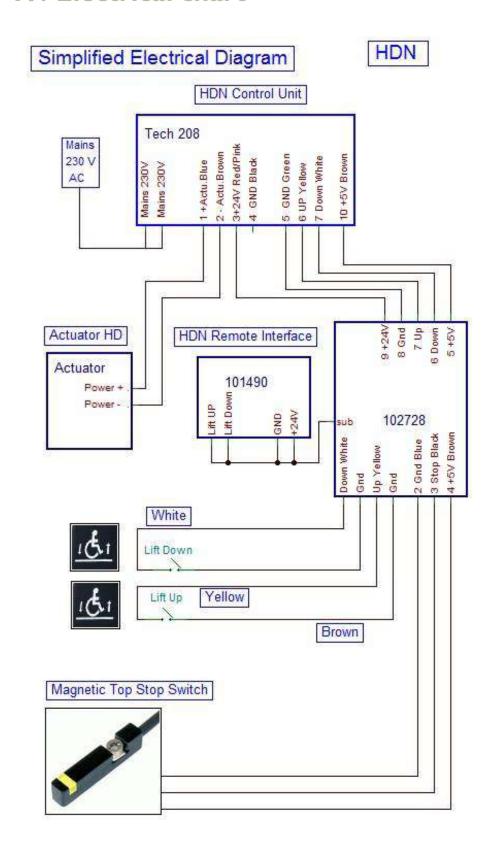








19. Electrical chart





20. Disassembly

In order to ensure correct disassembly for any re-use in another installation, we recommend using an authorised service technician. Contact your dealer for disassembly help.

Note that a crushing risk may exist when the HDN-Lift is disengaged from the building and the sax unit is lifted manually.

21. Disposal

It is the duty of the owner to dispose of the product in accordance with the regulations applicable at the time.

Consider contacting your dealer for help with disposal.

22. Warranty

The warranty is valid in accordance with the applicable regulations for warranty at the time. Read more about it in the terms of sale and delivery.

The warranty only applies if the prescribed service inspections are fulfilled. If the client opts out of the prescribed service inspections, Liftup disclaims liability for product safety.

It is the client's responsibility that the lifting platform at any time meets the applicable regulations on safety.

Enjoy your new HDN-Lift!

Best regards, Liftup