

MIDLIFT XL*plus*

Make sure you understand the contents of this booklet. Keep it handy for reference.

Your Stannah Platform Lift Number is:

Please quote this number on any correspondence

Your local Stannah Service Office is:

If your Platform Lift fails to operate and **BEFORE** contacting the Service Office, please read pages 20-21 of this User Handbook.

This can save time and also save you the cost of an unnecessary service call.



Your Stannah Guarantee

Stannah Lifts Ltd are proud to have secured British Standards BS EN ISO 9001 Quality Assurance Certification and are pleased to guarantee the whole of our materials and workmanship for a period of twelve months from completion of installation and handover of the lift to you on the following conditions;

- That you enter into a proper service contract with our sister company Stannah Lifts Service Limited. As in the motor car industry, your new platform lift must be properly serviced and maintained to keep it working at its very best.
- Should any defect in workmanship or material become evident within the twelve month period, we undertake to repair or replace the defective part, as soon as possible during our normal working hours (Monday to Thursday 8.00am to 4.45pm, Friday 8.00am to 3.45pm.).
- Should attendance be required outside normal working hours be requested, it will be subject to a reasonable excess charge. The address and telephone number of your nearest Service Branch will be given on the "Completion Notice" Which you should sign prior to handover of the lift to you.
- The guarantee does not cover repairs, replacements or adjustment which may be required as a result of ordinary wear and tear, wilful or accidental damage, misuse, neglect or any other cause beyond our control.
- That all outstanding monies have been paid to us.

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CONTENTS

	PAGE
Your Stannah Guarantee	2
1 Introduction and Legal Requirements	4-5
2 Operating Instructions	6-10
3 Emergency Operation	11-13
4 Safety Features	14-16
5 Added Options	17-18
6 General Lift Care Procedures	19
7 Trouble Shooting Guide	20-21
8 Notes	22-23



NOTE: Whilst every effort has been made to ensure the clarity and accuracy of this handbook, we cannot be held responsible for damage or injury resulting from negligence or misuse of this platform lift.

1 INTRODUCTION

This users handbook is to help provide an understanding of correct and safe use of the Stannah Vertical Platform Lift.

Your Platform Lift has been manufactured and installed to comply with the Essential Safety Requirements of the Machinery Directive 2006/42/EC and International Standard EN 81-41.

It is important that you arrange for the platform lift to receive regular inspection and servicing by a competent person at intervals not exceeding six months, after the 12 months guarantee period.

Failure to ensure servicing is carried out could lead to unreliable or unsafe operation.

For all enquiries regarding servicing, please contact your local Stannah Service Office at the address given on page 1 of this booklet.

A Service Log Card supplied by the Service Office will be completed after each service visit.

Owing to our policy of continual product development, we reserve the right to alter specifications and dimensions without prior notice. At the date of publication this manual was up-to-date and should there be any significant differences we will endeavour to advise you with an addendum.

7 TROUBLE SHOOTING

Fault	Symptom	Cure
	No movement and lift overload is displayed on the lift DDU's ('OL').	Last person to enter the lift should leave the cabin and the user can re enter the call.
	No movement in lift but motor still running.	Immediately call out service engineer and put lift out of service.
	No movement in lift and motor stalling.	Immediately call out service engineer and put lift out of service.
DDU's not operating	DDU on cabin or landing station display blank.	Immediately call out service engineer and put lift out of service.
Incorrect floor levelling	Cabin will not arrive at required level within the required tolerance, these are ($\pm 10.0\text{mm}$). Doors will remain locked.	Call lift back down to floor level and then call lift back to floor. If error reoccurs call out service engineer.
Lift not accepting any calls, cabin or landing	User will press call buttons (cabin or landing) and lift will fail to move and button will not stay lit.	Immediately call out service engineer and put lift out of service.

7 TROUBLE SHOOTING

If your lift fails to operate, check the following list before contacting the service branch. Do not attempt to trouble shoot anything other than the areas included within this list.

If by following the troubleshooting guide the lift still fails to operate accordingly contact a lift service engineer.

Fault	Symptom	Cure
No Power	DDU's and cabin lights will not light	<p>Check mains power switch is in the 'on' position.</p> <p>Check RCD is in 'ON' position.</p> <p>Check key isolation switches are in 'ON' position.</p> <p>Check the main stop switch is 'ON' (<i>rotate clockwise to release</i>).</p>
Platform will not move	No movement in the lift, either up or down.	<p>Check the landing doors are closed and locked.</p> <p>Check the stop switch on the cabin and in upper control panel.</p> <p>Check there is no obstruction in the light curtains (<i>see page 15</i>).</p> <p>Check key isolation switches are in 'ON' position.</p> <p>Loss of power to the lift.</p>

1 Legal and Safety Requirement for the Owner/Occupier

Legal Requirements

When a platform lift is installed in a public building, the owner/occupier has to comply with:

- The Health and Safety at Work Act 1974 (HSWA)
- Regulation 9 of the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER).
- Provision and Use of Work Equipment Regulations 1998 (PUWER)

Regulations require that lifts must be examined by a 'Competent Person' once every three months and a report of the visit kept by the occupier of the building. If any repairs are necessary to render the equipment safe, a copy of the report must be sent to the local Factory Inspector or other appropriate Authority within twenty-eight days.

Engineers carrying out such examinations must be 'Fully Competent' and should report such visits to their immediate supervisors on HMSO Form 54.

In addition to the above, it is a requirement of the Health and Safety at Work Act that certain items of plant are examined closely at specified intervals. These examinations are detailed within the guidance document LG1 found in the Safety Assessment Federations (SAFed) lift guidelines..

The building owner/occupier should make arrangements with a Competent Person' to undertake the examinations and should ensure that a copy of the report is kept in a safe place on site.

It is also the responsibility of the owner/occupier to ensure that at least two permanently based members of staff receive training in the correct method of removing passengers from the platform lift in the event of failure.

Our service office will be pleased to assist with the completion of these statutory reports, and any training required.

2 OPERATING INSTRUCTIONS

Please ensure that before using the platform lift, you read and familiarise yourself with these instructions and the subsequent content of the guide.

Operating checks	Before anyone is to use the lift, ensure that all test documentation has been filled out and received from the relevant parties.
Rated load	The platform lift must not be overloaded. The maximum rated load is 400kg (63 stone) and is stated on the control panel.
Designated usage	The platform lift is not designed to carry goods, scooters or animals of any kind. The exceptional use by guide dogs is permitted.
Tampering	Ensure that no users tamper with the lift as this may result in dangerous operating conditions.
Joyriding	Joyriding within the lift can be dangerous and can cause harm to both the occupant and others.
Door opening	Check that doors are free from obstruction when opening.
Extended periods of shut down	If the platform is to be unused for extended periods of time (<i>e.g. holidays</i>), the lift should be switched off when positioned at lower level via the isolation key switch. Ensure that all doors are securely locked.

6 GENERAL LIFT CARE PROCEDURES

The following lift care procedures should be regularly carried out by your cleaning or maintenance staff to help keep your lift in good condition.

Paint Finishes	These should be cleaned with a damp cloth using an aerosol type of furniture polish.
Stainless Steel	This should be cleaned with a soft cloth soaked in light oil (“3 in 1” or “Johnson’s Baby Oil”) and then wiped off with a dry, lint-free cloth.
Vinyl skin plate or Laminate Boards	This should be cleaned with a soft cloth using an aerosol type of furniture polish.
Mirrors	These should be cleaned with a soft cloth and any glass cleaning fluid.
Glass	These should be cleaned with a soft cloth and any glass cleaning fluid.
Platform Flooring	This should be cleaned with a damp cloth and mild detergent. Ensure that excess water is squeezed out prior to cleaning.
General Notes	Never leave objects resting against the doors, door frames or car finishes.

5 ADDED OPTIONS

Automatic door closer / opener

As standard, the XL plus will be supplied with manual door closers. As an optional extra individual landings can be supplied with automatic door closers/closers, operated using the landing or cabin call buttons.

On the doors first operation the automatic door will open and close very slowly. This function allows the operator to learn the doors surroundings. Any subsequent operation will be run at normal speed.

If the door meets any obstruction on these future operations, the door will stop, re close and open at the programmed slow speed.

Ensure the doors are free from obstruction when operating.

2 OPERATING INSTRUCTIONS

The cabin control is located in the cabin of the lift and can be seen below.

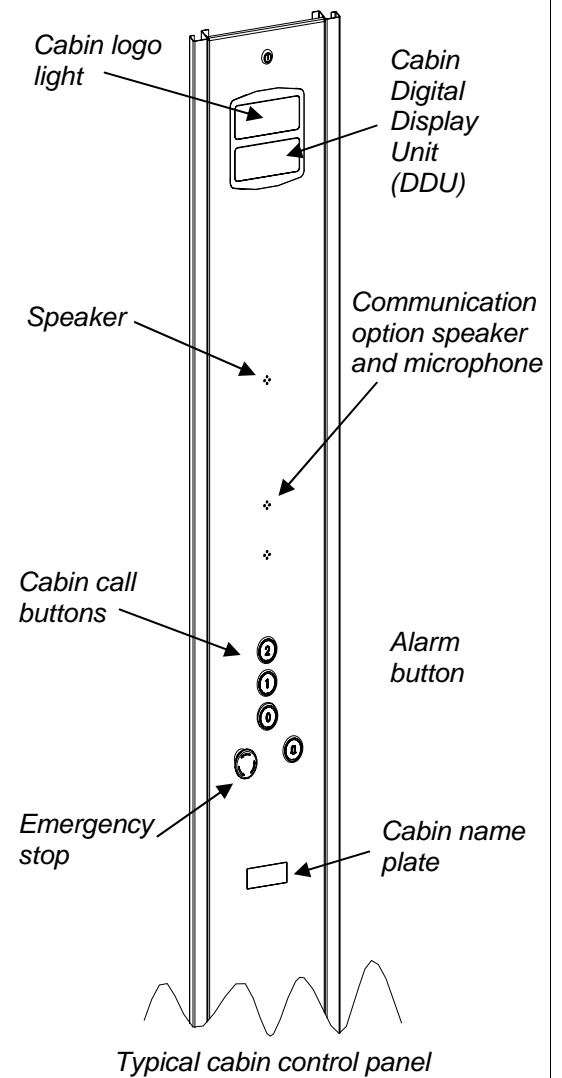
Cabin call buttons

To use the lift. Press the cabin call buttons as shown.

Buttons are latching control and the user will have to press the button only once for floor selection. These calls are logged and the user is able to enter anything up to 5 calls (*depending on floor levels*).

If any of the safety features are activated (*Safety features page 14-16*), the call will be removed and the user will have to select the floor again.

The door will unlock on arrival to floor level for 5 seconds. If the user requires unlocking the door after this period, the cabin or landing call buttons can be pressed to unlock.



2 OPERATING INSTRUCTIONS

The landing control can be located at each floor of the lift and are as follows.

Landing call buttons

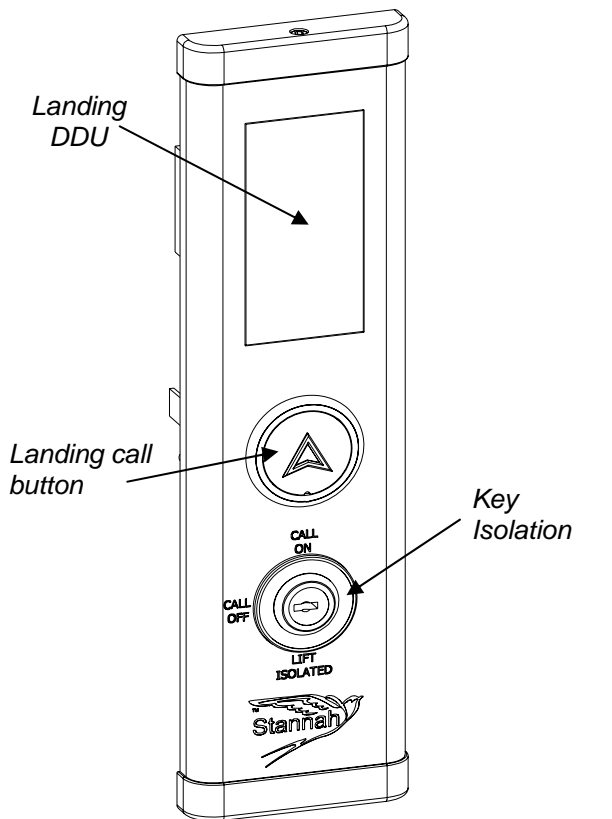
To call the lift, press the landing call button as shown.

Buttons are of the latching control variety and the user will have to press the button only once to call the lift.

If any of the safety features are activated (*Safety features page 14-16*), the call will be removed and the user will have to make the call again.

If the lift is already at the required floor the call button can be pressed to unlock the door.

Ensure the door way is clear before attempting to unlock and open the door.



Typical landing control panel

5 ADDED OPTIONS

In addition to the standard lift package, the user may have a variety of added options. The options are as follows.

Autodialer

When the alarm is pressed the autodialer will automatically phone out to various emergency numbers programmed on installation. These numbers may include such numbers as maintenance departments, head office etc... If none of these numbers are obtainable the autodialer will phone the designated service branch.

The autodialer will be situated on the control panel in the cabin and will be clearly marked with user instructions.

If requested, this can be installed with an induction loop for the hard of hearing.

Intercom

Similar to the autodialer, the intercom allows the user to contact someone in the event of an emergency. Unlike the autodialer though, the intercom will connect to a unit within the building and not an external number.

Telephone

If selected the telephone will be situated on the control panel within the cabin. This will be given a dedicated phone line and will allow the user to phone out in the event of an emergency.

Fire alarm shut down

In the event of a fire alarm, the lift will automatically home down to ground floor, all calls will be disabled and only the door

4 SAFETY FEATURES

Cabin stop switch

A stop switch is situated on the control panel allowing the user to cut power to lift. Turn clockwise to reset.

Alarm

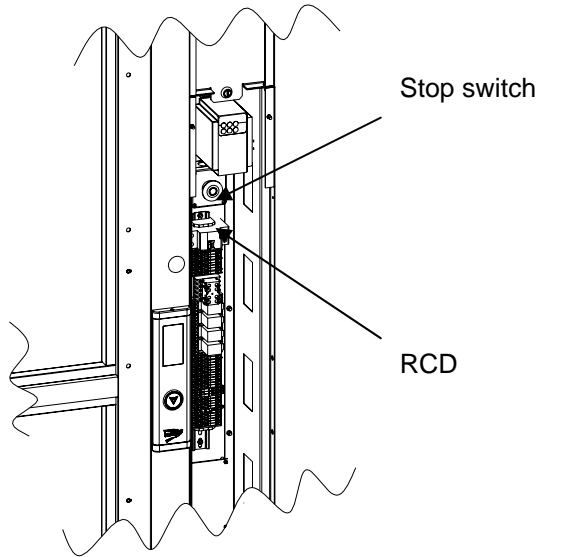
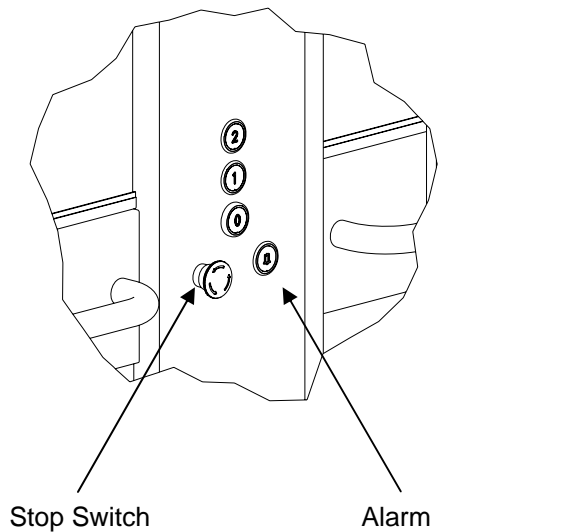
On pressing this button an alarm will be sounded. This button is used to operate the autodialer and intercom (page 17).

RCD

A residual current device if fitted to ensure the user is protected from earthing faults on the lift

Lift stop switch

A safety device situated in the upper floor control panel allowing the user to cut power to lift during emergency release only.

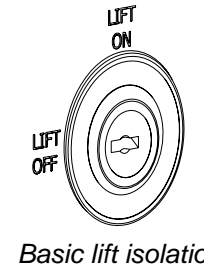


2 OPERATING INSTRUCTIONS

As an option, the lift may contain key isolation situated at the landing call stations. This may be installed in 3 variants.

Basic lift isolation

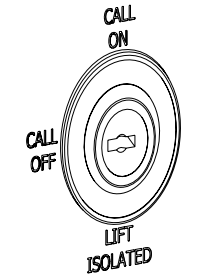
All lifts will have as standard a basic lift isolation function. This key isolation will always be at the ground floor of the lift.



Basic lift isolation

Lower landing isolation

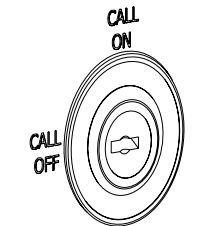
An added option to the user is to isolate the landing station. This key isolation will be situated at ground floor and gives the user the ability to either isolate the whole lift or just the individual landing station.



Lower landing isolation

Upper landing isolation

As a final option it is also possible to isolate the individual upper landing stations.



Upper landing isolation

2 OPERATING INSTRUCTIONS

Other items located at the landing stations and cabin controls are as follows.

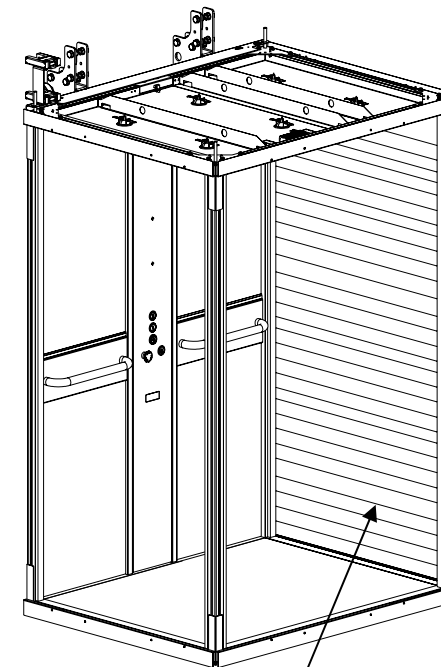
Cabin logo light	Will act as emergency lighting within the cabin if power is cut to the lift. The light will operate for at least one hour.
Cabin DDU (Digital Display Unit)	Will display various lift data, such as lift level, direction of movement and lift overload.
Landing DDU (Digital Display Unit)	Will display various lift data, such as lift level, direction of movement and lift overload.
Lift name plate	Indicates lift serial number, product name and manufacturer.
Speaker	Is used to announce various lift information to the user. Similar to the DDU facility, the user will be informed on lift level, direction of movement and lift overload.
Communication option speaker	If the lift is supplied with any of the lift communication options (autodialer, telephone or intercom), it will use the speaker and microphone situated here (page 7).

4 SAFETY FEATURES

Light curtains
An infra-red safety device preventing the user from touching the lift shaft whilst in operation.

When any one of these beams is broken, the controller will bring the lift to a controlled stop and the user will be informed 'Light ray activated, please keep clear of the entrances'.

Light curtains will be situated on every side where there is an entrance on the lift.



Infra-red beams situated on lift car, these beams will not be visible to the user

4 SAFETY FEATURES

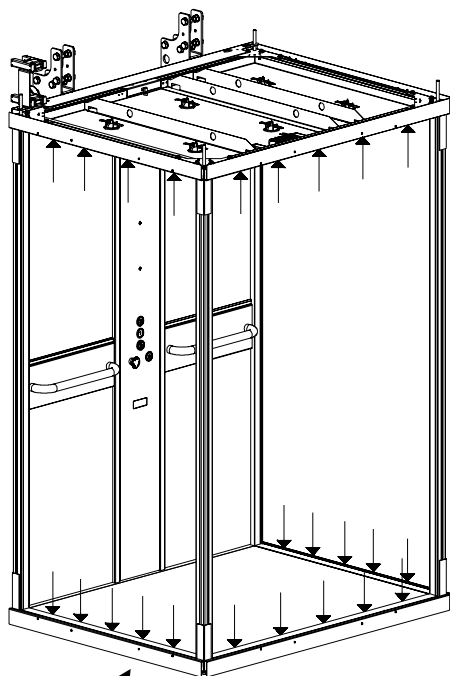
Your Platform lift has many built in features to protect the user and other occupants. These are listed below.

Mechanical safety edge

A sensitive edge fitted to the bottom and top edge of the lift cabin prevents trapping hazards for the user at each cabin entrance.

If a hazard is detected (*i.e. the sensitive edge is depressed*), power to the lift car will be terminated and the lift car will stop immediately.

Safety edges will be situated on every side where there is to be an entrance on the lift.



When safety edge is depressed, power will be cut to the lift, preventing

3 EMERGENCY OPERATION

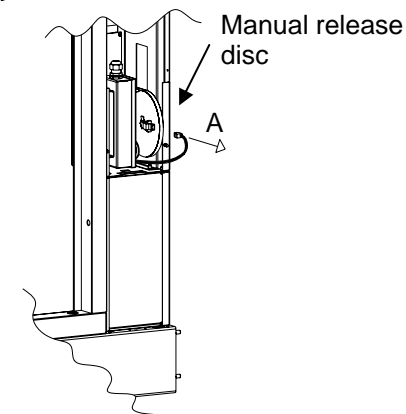
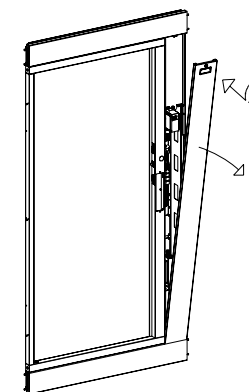
The following release procedure must be carried out by a suitably trained engineer. The procedure is to be used to release passengers within the lift. It is of up most importance that the power to the lift is isolated before any attempts to release the passengers are made.

Once the passengers have been released, contact the service branch immediately and take all necessary measures to indicate that the lift is out of service.

Power to the lift must be removed before accessing controls.

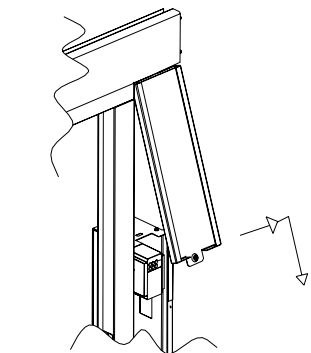
The manual release can be accessed next to the upper floor door. To access the control unit use the control access panel key. Unlock and remove the control access panel as shown.

Press the stop switch and remove connector 'A' from release disc. Remove manual release disc.

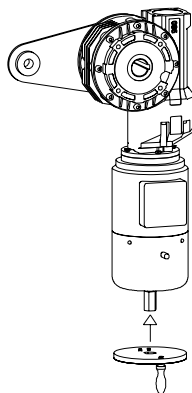


3 EMERGENCY OPERATION

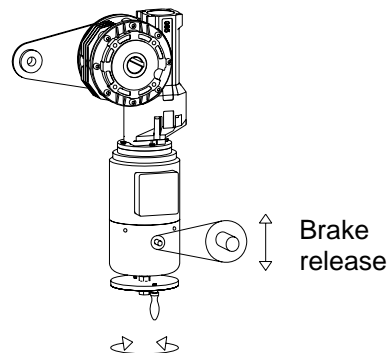
Using the key provided, unlock and remove the manual release access panel. This will be the same key provided to remove the control access panel shown earlier.



Slide release disc onto hexagon bar protruding from motor brake. Disc will not fix in place, therefore will need to be supported by the user.

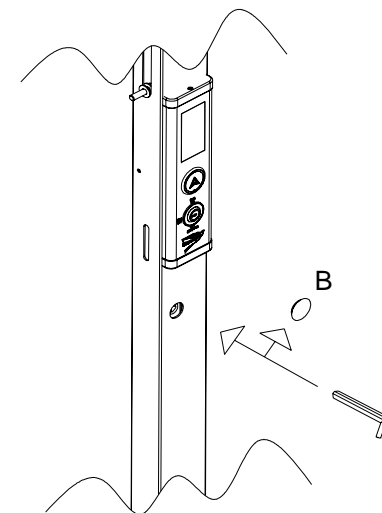


Release the brake as shown and rotate disc in required direction to either raise or lower the lift to nearest floor level. Disc will be clearly labelled to show correct orientation to rotate.



3 EMERGENCY OPERATION

Once lift is at floor level, remove lock grommet 'B' and using lock release key, unlock door.



Manually open door, release passengers and contact service branch.

Always ensure door is re closed and locked after release

