

MIDLIFT

USER HANDBOOK

IMPORTANT

Before using your platform lift, please ensure that you read and familiarise yourself with these instructions.

CONTENTS

Introduction	3
Safety Instructions	5
Midlift GL/SL Platform Lift	6
Midilift SLplus Cabin Lift	12
Midilift XLplus Cabin Lift	18
Lift Features	24
Lift Care	26
Troubleshooting	27
Guarantee	30
Branch Contact Details	31

INTRODUCTION

Important – please read

Thank you and congratulations on purchasing a platform lift.

Before using your lift, you should read this User Handbook to provide an understanding of the correct and safe use of the lift.

Your platform lift has been designed and manufactured in the UK. It has been installed and CE marked in compliance with the machinery directive 2006/42/EC and complies to the relevant parts of European Standard EN81-41:2010.

It is important that you arrange for the lift to receive regular inspection and servicing by a competent person at intervals at least every six months, after the guarantee period. A Service Log Card supplied by the Service branch will be completed after each service visit. Failure to ensure servicing is carried out could lead to unreliable or unsafe operation.

For all enquiries regarding servicing, please contact your local Service Branch.

For your records:



INTRODUCTION

LEGAL & SAFETY REQUIREMENTS FOR THE OWNER/OCCUPIER

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) and Provision and Use of Work Equipment Regulations 1998 (PUWER).

Regulations require that lifts must be examined by a fully qualified lift engineer once every six months. Reports from each visit must be kept by the occupier of the building. If any repairs are necessary, a copy of the report must be sent to the local enforcement authority or other appropriate Authority within 28 days.

Engineers carrying out such examinations must be 'Fully Competent' and should report such visits to their immediate supervisors on Report of Thorough Examination.

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 supplementary tests of service lifts document published by the Safety Assessment Federations (SAFed).

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 staff members receive training in the correct method of evacuating passengers from the lift in the event of failure.

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

SAFETY INSTRUCTIONS

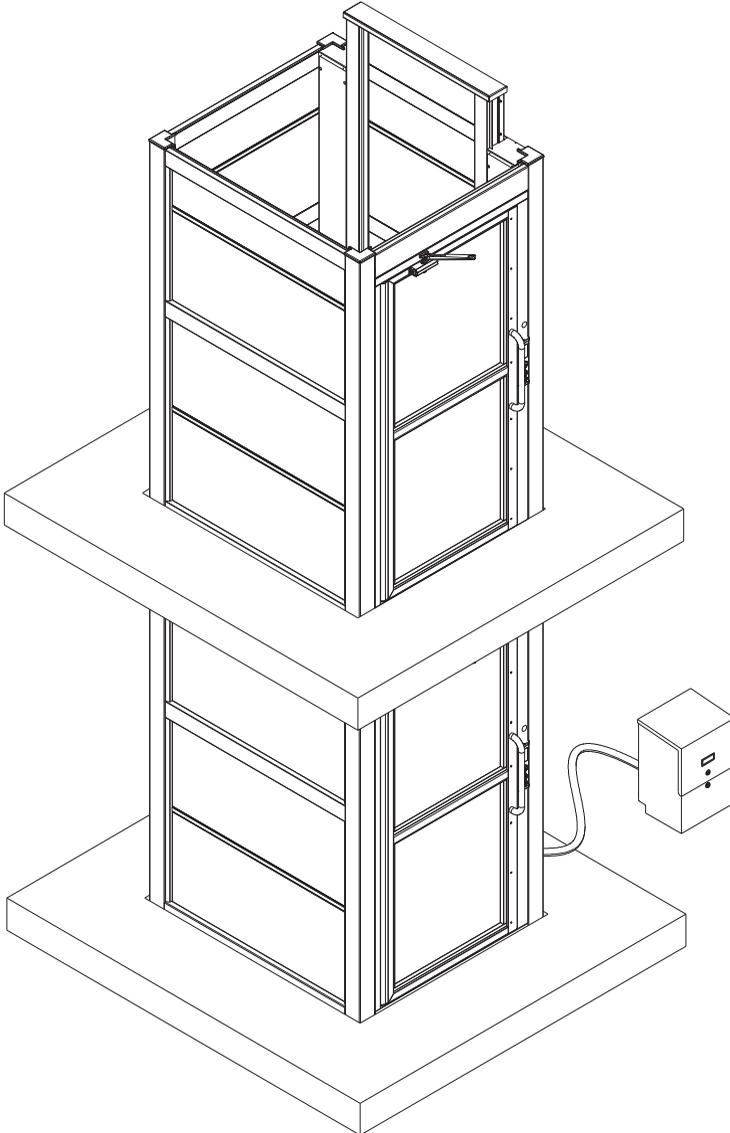
- The lift must not be overloaded. The maximum rated load is 400kg [4 persons] and is stated on the control panel.
- The Midilift is a vertical platform lift intended primarily for the transportation of people with impaired mobility, including wheelchair users, the elderly, parents with pushchairs etc. The Midilift is designed to carry the majority of Type A and B wheelchairs, but not Type C wheelchairs or electric scooters due to their weight and size.
- A Midilift may also be used for the occasional transportation of light goods eg: stationery, luggage etc. subject to the lift/building owner carrying out a risk assessment.
- Like all vertical platform lifts, the Midilift is not designed to move large numbers of people quickly and frequently. The maximum recommended usage, or duty rating, for the Midilift is;

Midilift SL & SLplus	Hydraulic Models	0.08m/s maximum 20 journeys per hour
Midilift SL & SLplus	Hydraulic Models	0.15m/s maximum 30 journeys per hour
Midilift XLplus	Traction Drive	0.15m/s maximum 40 journeys per hour

- No goods or materials to be placed on or near the lift power pack unit. Access to this unit is required for lift service/maintenance and in the event of an emergency.
- Children should not be allowed to tamper or play with the lift.
- The lift shall not be used for fire fighting or evacuation during fire.
- Check that doors are free from obstruction when opening.
- The emission sound pressure level for lift users is not expected to exceed 70dB(A).
- If the lift is to be unused for an extended period of time it should be switched off when positioned at the lower level, via the isolation keyswitch. Ensure that all doors are securely locked.
- You should not attempt to dismantle or remove any parts of the platform lift. Such work should be entrusted only to competent personnel with the relevant expert knowledge and training.

MIDILIFT GL/SL PLATFORM LIFT

MIDILIFT GL/SL PLATFORM LIFT



MIDLIFT GL/SL PLATFORM LIFT

MIDLIFT SL

- A vertical platform lift intended primarily for the transportation of people with impaired mobility, including wheelchair users, the elderly, parents with pushchairs etc. The Midilift is designed to carry the majority of Type A and B wheelchairs, but not Type C wheelchairs or electric scooters due to their weight and size. The Midilift SL is the model shown to the left and the Midilift GL has a half height gate at the top landing but has no other operational differences.

LIFT OPERATION FROM THE LANDING

- On any entrance to the lift you will find a landing control faceplate. (below).
- Digital display and keyswitch are optional parts but every landing will have a button for calling the lift and unlocking the door.
- As the button is pressed, the light around it will illuminate acknowledging its activation.
- If the lift is at the same level, the door will unlock allowing the user to manually open the door and enter the lift.
- If the lift is at a different level, the button will remain illuminated and the lift called to the landing that the button is pressed. When the platform arrives, the door will unlock allowing the user to manually open the door and enter the lift.

KEYSWITCH OPERATION

- At the lowest level, the keyswitch can be used to isolate the lift. By turning the keyswitch to the 'Lift off' position the whole lift can be isolated to stop it being used.*
- Turn the keyswitch to 'ON' to enable the lift again and allow 5 seconds for the lift to reset.
- If the keyswitch has an 'Off' position then this can be used to only isolate the button at that landing. This option means that the lift can be only be accessed by those with the key.

- 'Lift Off'** - Isolate lift
- 'Off'** - Isolate button only
- 'On'** - Lift operational



** This is the preferred method for turning the lift off. In this state the batteries on the lift will continue to be charged and lift use disabled. This is not the case if the lift is isolated at the main power source. Loss of power will mean that the lift will continue to operate in battery backup mode.*

MIDLIFT GL/SL PLATFORM LIFT

LIFT OPERATION FROM THE PLATFORM



- When the lift door is closed and locked, the lift is ready to move.
- Standing in front of the console, press and continuously hold the button of the level that you wish to travel to. Lift movement will be announced via the voice unit and an arrow displayed on the console.
- During lift travel, be aware of moving parts around you and ensure that any loose items and passengers are away from the sides of the moving platform.
- As you reach the destination floor continue to hold the button until the lift has completely stopped.
- Upon reaching the floor, the door will unlock for 5 seconds giving opportunity to exit the lift.
- If the door should lock again simply press the floor button relating to the floor you are at and it will unlock again.
- Operation of the stop button will stop all lift movement. To release the stop, twist it clockwise until it has released.



In the event of experiencing difficulty in the lift, help can be alerted by continuously pressing the yellow alarm button. This action will ring the intercom handset elsewhere in the building, when answered, 2 way communication is possible and the button can be released. **

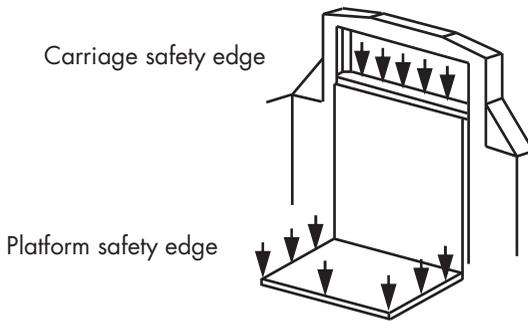
** *Intercom is the standard communication supplied with the lift. In some situations an automatic dialling system may be in place. If so, instructions are provided on the console and over the speaker. The system will dial predetermined phone numbers to put you in contact with a rescue service.*

MIDLIFT GL/SL PLATFORM LIFT

SAFETY EDGES

The platform lift has 2 safety edges fitted to protect the user from moving parts of the lift.

- Safety edge fitted around the platform floor. If depressed while travel in the up direction, the lift will stop and only continue when the obstruction is cleared.
- Safety edge fitted above the operating panel. If depressed while travel in the up direction, the lift will stop and only continue when the obstruction is cleared.
- Neither edges operate when the lift is travelling in the down direction



IN THE EVENT OF POWER LOSS TO THE LIFT

During power loss, the lift will revert to a battery backup supply fitted on the lift. This battery will maintain the power to the platform lighting, buttons, Digital display and door locking. If fully charged it will do this for 1 hour.

During power loss, the lift can only travel in the down direction.

In the event of power failure during use ;

- Push the lowest floor button and continuously hold it until the lift stops at the lowest landing.
- The door will unlock and the user can exit the lift.
- Turn the landing keyswitch to the 'Lift Off' position until power is re-instated.

MIDLIFT GL/SL PLATFORM LIFT

EMERGENCY RELEASING PASSENGERS

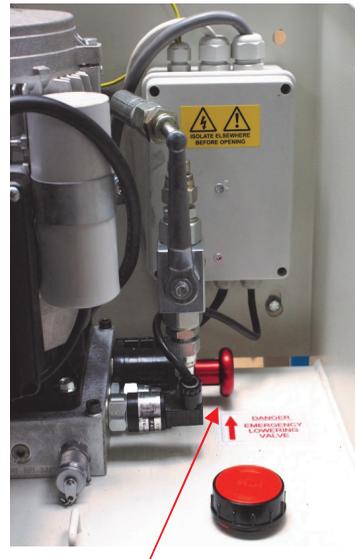
FOR USE BY AUTHORISED PERSONNEL ONLY

! To be used only in an emergency by authorised persons who have had instructions. It can be dangerous for any other persons to attempt this procedure.

A manually operated hydraulic valve (located on the power pack) permits the platform, even in the case of **total** power failure to be lowered in an emergency to the lower level where the passengers can be evacuated.

Lift Lowering Procedure

1. Switch OFF the lift mains electrical supply.
2. Ensure the lift doors are closed and locked.
3. Using the key provided, unlock and remove the lid on the power pack enclosure to enable access.
4. Locate the **RED** manual lowering knob on the manifold block. This knob can be pulled, pushed or turned to operate depending on the unit supplied.
5. Inform the trapped passengers within the lift that you are about to lower the platform and request they remain clear of the platform edges.
6. Operate the red manual lowering knob to lower the platform. The platform will stop when the knob is released. Release the knob when the lift platform is touching the lower level floor.
7. Replace and lock the power pack enclosure lid.
8. With the lift at floor level, remove the door lock cover.
9. Using the door lock release key, insert the key and turn 90° until the latch releases the door lock.



RED manual lowering knob

CONTINUED.....

MIDLIFT GL/SL PLATFORM LIFT

EMERGENCY RELEASING PASSENGERS....*CONTINUED*

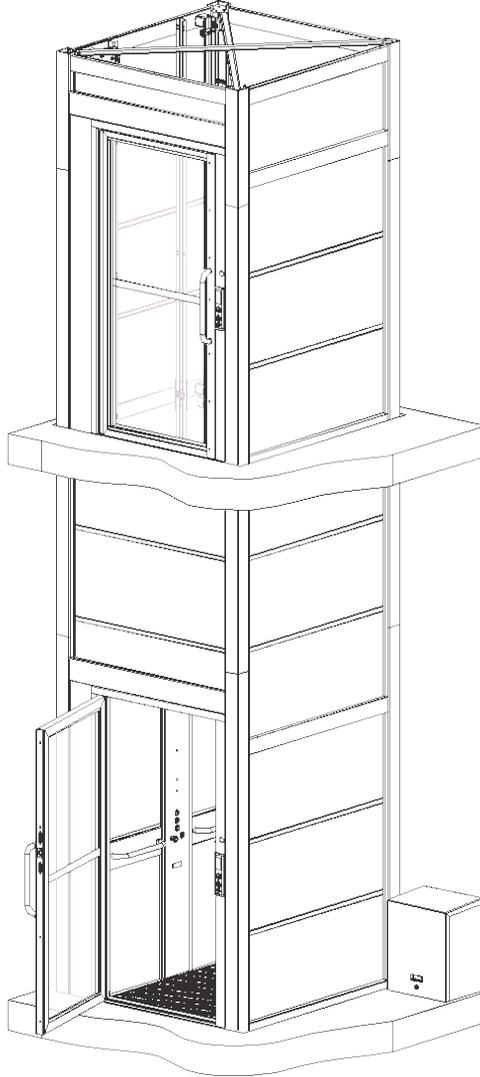
10. Whilst holding the lock open with the key, manually open the platform lift door to release the passengers.
11. Once the lift is vacated, leave the platform lift mains electrical supply switched off, close and lock the platform lift door and telephone your local service branch.



Manually unlocking
the lift door

MIDILIFT SLPLUS CABIN LIFT

MIDILIFT SLPLUS CABIN LIFT



MIDILIFT SLPLUS CABIN LIFT

MIDILIFT SLPLUS CABIN LIFT

The Midilift SLplus is a hydraulic cabin platform lift for the moving of persons between a number of levels. Its operation differs from a standard passenger lift in that it is limited in speed to 0.15m/s.

LIFT OPERATION FROM THE LANDING

- As you approach any entrance to the lift you will find a landing control faceplate.
- These faceplates may differ slightly from this picture. Digital display and keyswitch are optional parts but every landing will have a button for calling the lift or unlocking the door.
- As the button is pressed, the light around it will illuminate acknowledging its activation.
- If the lift is at the same level, the door will unlock allowing the user to manually open the door and enter the lift.
- If the lift is at a different level, the button will remain illuminated and the lift called to the landing that the button is pressed. When the platform arrives, the door will unlock allowing the user to manually open the door and enter the lift.

KEYSWITCH OPERATION

- At the lowest level, the keyswitch can be used to isolate the lift. By turning the keyswitch to the 'Lift off' position the whole lift can be isolated to stop it being used. *
- Turn the keyswitch to 'ON' to enable the lift again and allow 5 seconds for the lift to reset.
- If the keyswitch has an 'Off' position then this can be used to only isolate the button at that landing. This option means that the lift can be only be accessed by those with the key.

'Lift Off' - Isolate lift
'Off' - Isolate button
'On' - Lift operational

Digital Display Unit

Button

Keyswitch



** This is the preferred method for turning the lift off. In this state the batteries on the lift will continue to be charged and lift use disabled. This is not the case if the lift is isolated at the main power source. Loss of power will mean that the lift will continue to operate in battery backup mode.*

MIDLIFT SLPLUS CABIN LIFT

LIFT OPERATION FROM THE CABIN

- When the lift door is closed and locked, the lift is ready to move.
- Standing in front of the console, press the button of the level that you wish to travel to. The button will illuminate. Lift movement will be announced via the voice unit and an arrow displayed on the console.
- During lift travel, be aware of moving parts around you and ensure that any loose items and passengers are away from the sides of the moving platform.
- Upon reaching the destination floor, the door will unlock for 5 seconds giving opportunity to exit the lift.
- If the door should lock again simply press the floor button relating to the floor you are at and it will unlock again.
- Operation of the stop button will stop all lift movement. To release the stop, twist it clockwise until it has released.



In the event of experiencing difficulty in the lift, help can be alerted by continuously pressing the yellow alarm button. This action will ring the intercom handset elsewhere in the building, when answered, 2 way communication is possible and the button can be released. **

** *Intercom is the standard communication supplied with the lift. In some situations an automatic dialling system may be in place. If so, instructions are provided on the console and over the speaker. The system will dial predetermined phone numbers to put you in contact with a rescue service.*

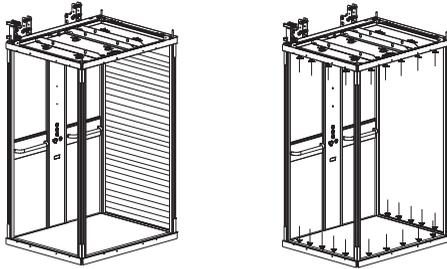
MIDILIFT SLPLUS CABIN LIFT

SAFETY EDGES

The cabin lift has safety edges fitted to protect the user from moving parts of the lift. The protection is provided by 2 different methods;

Light curtain protection

This is provided by sensors fitted on the vertical plane of the lift entrances. If interrupted during travel, the lift will stop moving until the obstruction is cleared. This is also indicated by the lift voice advising the user to move away from the obstruction.



Mechanical safety edge

This is provided by a metal strip at the bottom and top of the lift entrance. If depressed during lift travel the lift will stop moving until the obstruction is cleared.

IN THE EVENT OF POWER LOSS TO THE LIFT

During power loss the lift will revert to a battery backup supply fitted on the lift. This battery will maintain the power to the emergency lighting, buttons, Digital display and door locking. If fully charged it will do this for 1 hour.

During power loss the lift can only travel in the down direction.

In the event of power failure during use ;

- Place a call to the lowest landing.
- The door will unlock and the user can exit the lift.
- Turn the landing keyswitch to the 'Lift Off' position until power is re-instated.

MIDLIFT SLPLUS CABIN LIFT

EMERGENCY RELEASING PASSENGERS

FOR USE BY AUTHORISED PERSONNEL ONLY



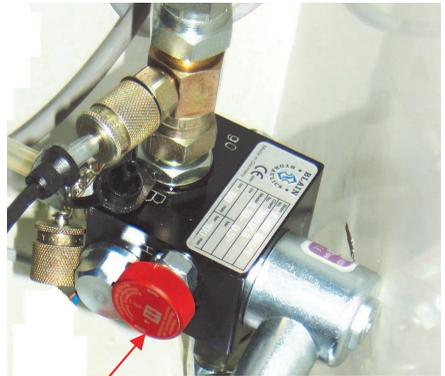
To be used only in an emergency by authorised persons who have had instructions. It is dangerous for any other persons to attempt this procedure.

MANUAL LOWERING OF THE CABIN

There are 2 manually operated valves (located on the power pack) that permit the cabin to be lowered to the lowest entrance even during total power failure. Following this any trapped passengers can be released.

Lift Lowering Procedure

1. Switch OFF the lift mains electrical supply.
2. Ensure the lift doors are closed and locked.
3. Using the key provided, unlock and remove the lid on the power pack enclosure to enable access.
4. Locate the **2 RED** manual lowering knobs within the enclosure. These knobs can be pulled, pushed or turned to operate depending on the unit supplied.
5. Inform the passengers in the lift that you are going to lower the cabin and request they stay clear of the sides. (Safety edges are inoperative during this operation).
6. Operate both red manual lowering knobs at the same time to lower the cabin. The cabin will stop if either knobs are released. Release the knobs when the cabin is touching the lower level floor.
7. Replace and lock the power pack enclosure lid.
8. With the lift at the lowest floor level, locate the manual release lock for the door.
9. Using the door lock release key, insert the key and turn 90° until the latch releases the door.



The RED manual lowering knobs will be positioned closely together and will both look like the picture shown above.

MIDLIFT SLPLUS CABIN LIFT

EMERGENCY RELEASING PASSENGERS....*CONTINUED*

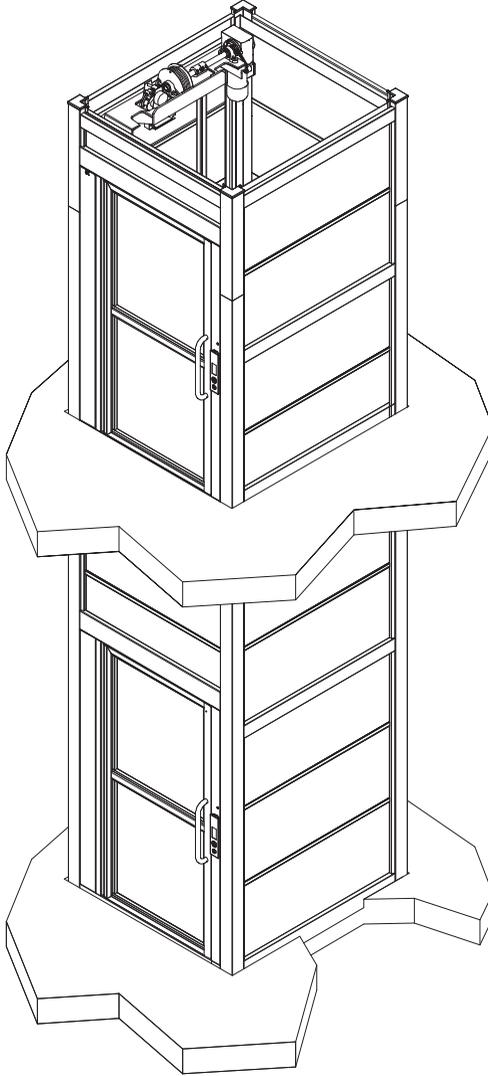
10. Whilst holding the lock open with the key, manually open the platform lift door to release the passengers.
11. Once the lift is vacated, leave the platform lift mains electrical supply switched off, close and lock the platform lift door and telephone your local service branch.



Manually unlocking
the lift door

MIDILIFT XLPLUS CABIN LIFT

MIDILIFT XLPLUS CABIN LIFT



MIDILIFT XLPLUS CABIN LIFT

MIDILIFT XLPLUS CABIN LIFT

The Midilift XLplus is a traction cabin platform lift driven from a motor at the top landing. Its operation differs from a standard passenger lift in that it is limited in speed to 0.15m/s.

LIFT OPERATION FROM THE LANDING

- As you approach any entrance to the lift you will find a landing control faceplate.
- These faceplates may differ slightly from the picture below. Digital display and keyswitch are optional parts but every landing will have a button for calling the lift or unlocking the door.
- As the button is pressed, the light around it will illuminate acknowledging its activation.
- If the lift is at the same level, the door will unlock allowing the user to manually open the door and enter the lift.
- If the lift is at a different level, the button will remain illuminated and the lift called to the landing that the button is pressed. When the platform arrives, the door will unlock allowing the user to manually open the door and enter the lift.

KEYSWITCH OPERATION

- At the lowest level, the keyswitch can be used to isolate the lift. By turning the keyswitch to the 'Lift off' position the whole lift can be isolated to stop it being used. *
- Turn the keyswitch to 'ON' to enable the lift again and allow 5 seconds for the lift to reset.
- If the keyswitch has an 'Off' position then this can be used to only isolate the button at that landing. This option means that the lift can be only be accessed by those with the key.

Digital Display Unit

Button

Keyswitch

- **'Lift Off'** - Isolate lift
- **'Off'** - Isolate button
- **'On'** - Lift operational



* This is the preferred method for turning the lift off. In this state the batteries on the lift will continue to be charged and lift use disabled. This is not the case if the lift is isolated at the main power source. Loss of power will mean that the lift will continue to operate in battery backup mode.

MIDLIFT XLPLUS CABIN LIFT

LIFT OPERATION FROM THE CABIN

- When the lift door is closed and locked, the lift is ready to move.
- Standing in front of the console, press the button of the level that you wish to travel to. The button will illuminate. Lift movement will be announced via the voice unit and an arrow displayed on the console.
- During lift travel, be aware of moving parts around you and ensure that any loose items and passengers are away from the sides of the moving platform.
- Upon reaching the destination floor, the door will unlock for 5 seconds giving opportunity to exit the lift.
- If the door should lock again simply press the floor button relating to the floor you are at and it will unlock again.
- Operation of the stop button will stop all lift movement. To release the stop, twist it clockwise until it has released.



In the event of experiencing difficulty in the lift, help can be alerted by continuously pressing the yellow alarm button. This action will ring the intercom handset elsewhere in the building, when answered, 2 way communication is possible and the button can be released. **

** *Intercom is the standard communication supplied with the lift. In some situations an automatic dialling system may be in place. If so, instructions are provided on the console and over the speaker. The system will dial predetermined phone numbers to put you in contact with a rescue service.*

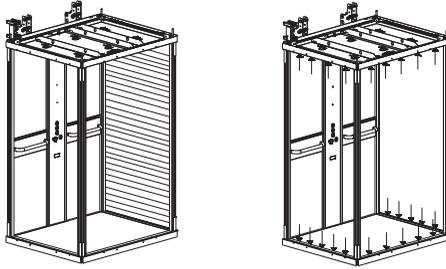
MIDILIFT XLPLUS CABIN LIFT

SAFETY EDGES

The cabin lift has safety edges fitted to protect the user from moving parts of the lift. The protection is provided by 2 different methods;

Light curtain protection

This is provided by sensors fitted on the vertical plane of the lift entrances. If interrupted during travel, the lift will stop moving until the obstruction is cleared. This is also indicated identified by the lift voice advising the user to move away from the obstruction.



Mechanical safety edge

This is provided by a metal strip at the bottom and top of the lift entrance. If depressed during lift travel the lift will stop moving until the obstruction is cleared.

IN THE EVENT OF POWER LOSS TO THE LIFT

During power loss the lift will revert to a battery backup supply fitted on the lift. This battery will maintain the power to the emergency platform lighting, buttons, Digital display and door locking. If fully charged it will do this for 1 hour.

If the user is at landing the door can be unlocked by pressing the button of the floor that the lift cabin is located.

MIDILIFT XLPLUS CABIN LIFT

EMERGENCY RELEASING PASSENGERS

FOR USE BY AUTHORISED PERSONNEL ONLY



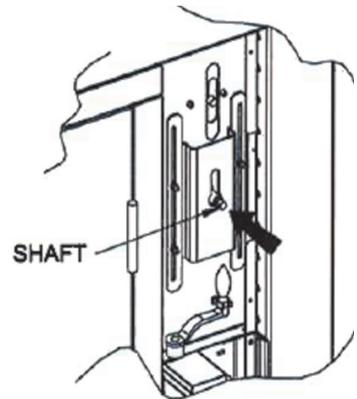
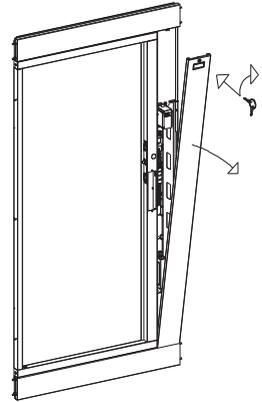
To be used only in an emergency by authorised persons who have had instructions. It is dangerous for any other persons to attempt this procedure.

Manual Lowering Procedure

1. Switch OFF the lift mains electrical supply.
2. Ensure the lift doors are closed and locked.

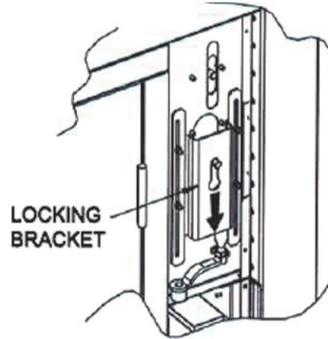
Note: The manual release can be accessed next to the upper floor landing door.

3. Access the control unit situated at the top landing adjacent to the lift door. Using the key provided, unlock the panel and remove it from the frame. This will provide access to the shaft electrical components and manual lowering equipment.
4. At the top of the panel there is a square shaft protruding. When pressed in, this engages with the motor shaft and allows the lift to be manually moved.
5. Press shaft inwards (if the shaft does not move, rotate the shaft a small amount, then try again).

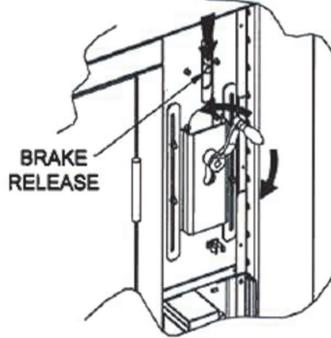


MIDLIFT XLPLUS CABIN LIFT

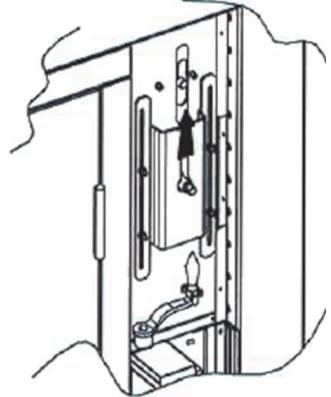
- Slide the locking bracket down to lock the shaft in the 'engaged' position.



- Place the handle onto the end of the shaft and, while holding the brake release lever down, rotate to move the lift in the desired direction. Lift movement is slow but controlled.



- Once the cabin has been moved to the lowest landing, replace the handle back to its storage position and slide the locking bracket back up.
- Leave power switched off and manually release any passengers



LIFT FEATURES

The following provides an overview of the features on your platform lift. To find your lift type please refer to the information on page 3.

AUTOMATIC DOOR CLOSER/OPENER (OPTION)

As standard, the lift is supplied with manual door closers. Individual landings can be supplied with optional automatic door closer/openers; operated using the landing or cabin call buttons.

On the first operation, i.e after lift power on, the automatic door will open and close very slowly. This function allows the system to learn its surroundings and calibrate its stopping positions. Following this automatic calibration the door will open and close at normal speed. If the door meets any obstruction during subsequent operations the door will stop, reclose and open at the slow speed.

Door open and unlocking times can be adjusted if required. Please speak to your service engineer if you require it to be changed.

COMMUNICATION DEVICES

INTERCOM - The intercom is supplied on the standard product and allows the user to connect with someone within the building in the event of an emergency. The alarm button on the lift console 'rings' the handset that is placed in a suitable location in the building. Once the handset receiver is picked up, a 2 way conversation can take place.

AUTODIALLER (OPTION) - When the alarm is pressed the autodialler will automatically phone out to the programmed emergency numbers. The autodialler is situated on the control panel. If requested, the autodialler can be installed with an induction loop for the hard of hearing. Phone number changes have to be performed by a lift engineer.

TELEPHONE (OPTION) - A dedicated phone line will be situated on the cabin control panel, enabling the user to phone out in an emergency.

Note: With all communication systems it is still the responsibility of the building owner to ensure that effective measures are in place to deal with the possible outcome of users being trapped inside the lift. i.e who could be using the lift? Could it be out of normal hours? Are the systems regularly tested? Etc.....

LIFT FEATURES

FIRE ALARM SHUT DOWN

Some buildings have a lift interface for the fire alarm system. When activated, the lift will automatically travel to the ground floor should a fire alarm occur, all calls will be disabled and the car door open button will still operate allowing users to exit the lift.

OVERLOAD CONDITION

The lift will have a maximum load rating identified on the console. Should this load be exceeded, the lift will stop operation, display a flashing 'OL' on the digital display and announce "lift overload". Should this occur, the additional load should be removed from the lift to return to normal service.

DIGITAL DISPLAY OPERATION

The digital display on the console will visually indicate lift operation to the user, floor numbers and arrows. In the unlikely event of the lift obtaining a fault, the display may be used to present fault codes to aid fault finding for the engineer. If these are observed please make a note of them to communicate to the engineer upon his arrival.

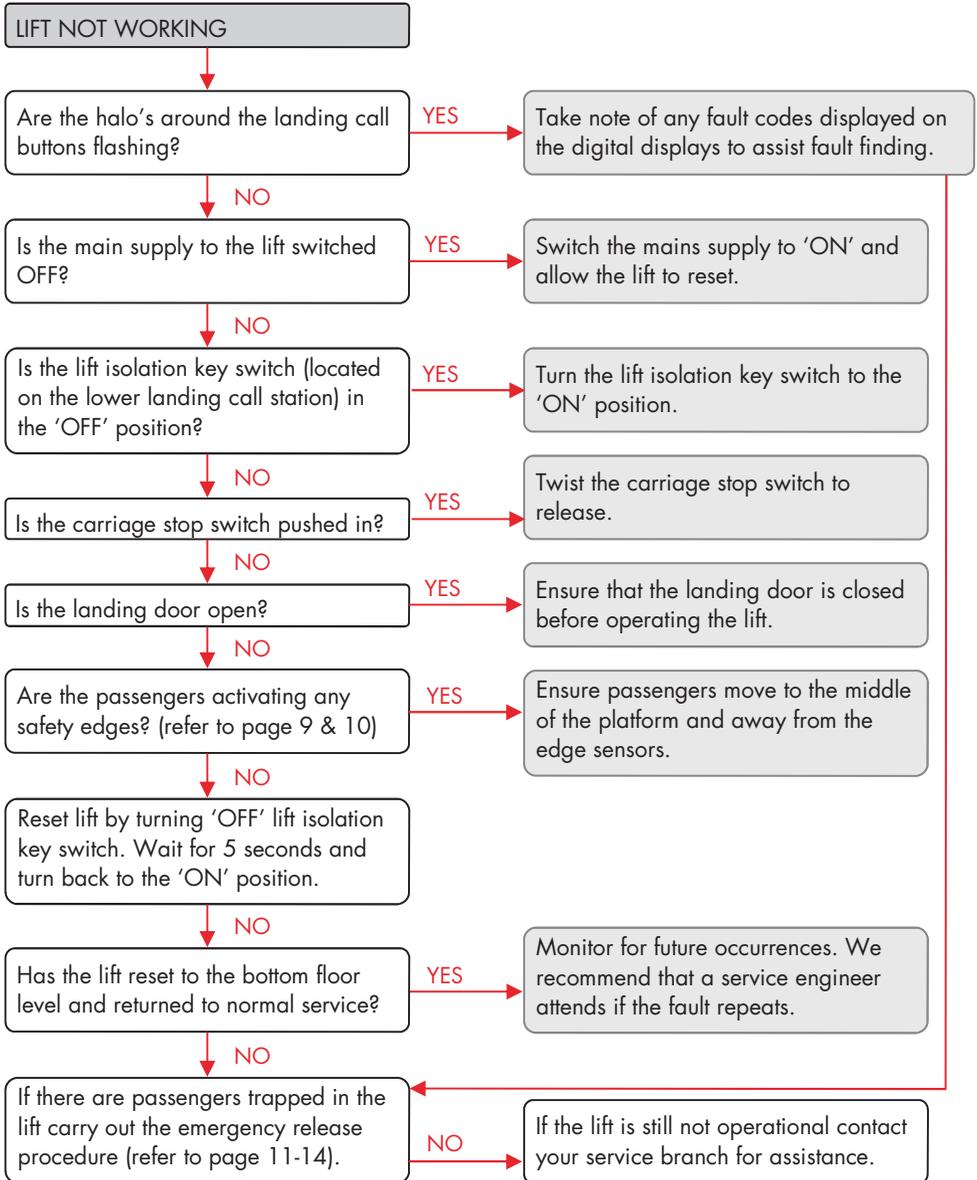
LIFT CARE

The following lift care procedures carried out regularly will help to keep your lift in good condition:

- Paint finishes and panels should be cleaned with a damp soft cloth and mild detergent. Ensure that excess water is squeezed out prior to cleaning.
- Vinyl skin plate and laminate boards should be cleaned with a soft cloth using a furniture polish aerosol.
- Stainless steel components should be cleaned with a soft cloth, using baby oil or a proprietary stainless steel cleaner and then wiped off with a dry, lint-free cloth.
- Mirrors should be cleaned with a soft cloth and any glass cleaning fluid.
- Flooring should be cleaned with a damp cloth and mild detergent. Ensure that excess water is squeezed out prior to cleaning.
- Never leave objects resting against the doors, door frames or car finishes.

TROUBLESHOOTING

If your lift fails to operate check the following list before contacting your local service branch - it could save you time and the cost of an unnecessary service call:



MIDLIFT XLPLUS CABIN LIFT

Passenger Release Procedure

1. Once the lift is at floor level remove the lock cover.
2. Using the door lock release key, insert the key and turn 90° until the latch releases the door.
3. Whilst holding the lock open with the key, manually open the platform lift door to release the passengers.
4. Once the lift is vacated, leave the platform lift mains electrical supply switched off, close and lock the platform lift door and telephone your local service branch.



Important: Passengers should always be evacuated at the lowest level. It is potentially dangerous to release passengers at any other levels.

Whilst every effort has been used 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 lift equipment.

We are continually developing and improving the Midilift range and we therefore reserve the right to alter or amend the specification without prior notice.