

AFFORDABLE LIFTS

Model KCSPM3648

**Owner's
Manual**

Introduction

Congratulations on your purchase of a new lift from Affordable Lifts!

This lift has been quality engineered with design features to assure safety and reliability when operated properly. We sincerely hope that this lift will help you accomplish the things that are important to you and those you love.

This manual is designed to help you understand how to operate your lift safely.

For more information you may wish to also consult the Installation Manual and the Assembly Instructions.

Note: Throughout this document this is used as a caution symbol:



WARNING!

FOR OPTIMAL LIFT OPERATION, USE A GROUNDED ELECTRICAL CIRCUIT. FAILURE TO USE A GROUNDED ELECTRICAL CIRCUIT COULD COMPROMISE SAFETY OR CAUSE PRODUCT MALFUNCTION.

SAFETY

Safety is paramount. If you have a question or concern about safe installation or operation please give Affordable Lifts a call at (757) 524-3420

Use common sense when installing or operating this equipment.

The installer and operator are responsible for the safe operation of this equipment.

It is your responsibility to know and comply with all applicable legal codes and regulations regarding your lift.

Misuse of this equipment can cause serious injury or even death.

WARRANTY WARNING

Do not open any control boxes, motors, or hand control devices. The product warranty will be void if these components are tampered with. Do not attempt to alter component wiring or adjust or modify the structure of the product in any way or the warranty will be void. Any repair or replacement of lift parts must be performed by authorized personnel.

LUBRICATION

This product is designed to be maintenance free. The lift motors are permanently lubricated and sealed – no additional lubrication is required. The anti-friction pads need no lubrication.

ORIENTATION

Front, Back, Right and Left - The Column is located on the back side of the lift. The side of the lift opposite the back is the front. Right and left are determined when you face the lift from the front.

If you have any questions concerning the installation, operation, or maintenance requirements of your lift, please contact our Service Department at (757) 524-3420.



Caution! Carefully read the Owner's Manual and the following warnings prior to use. Failure to comply with the following may result in serious bodily injury, death, or damage to the lift. If you have questions, contact Customer Support at (USA) 434-515-2321 (Provide your Serial Number and contact information when you call).

- Prior to use, ensure that the safety mechanism is in place properly. Never use a lift without a safety mechanism properly installed and functional!
 - Prior to each use, inspect the cable and components for signs of fraying or damage.
 - Always lock gates prior to use. Never operate the lift with any gates unsecured.
 - Always lock/secure wheelchairs or cargo from shifting while in use.
 - This lift is to be used exclusively for the transport of cargo or a wheelchair and occupant and an additional adult where assistance is required.
 - Improper use of lift may result in personal injury or damage to the lift. All users must read and follow operating instructions prior to use of lift.
 - Ensure that the lift is properly installed and is stable prior to use of the lift. Failure to ensure proper installation may result in an increased risk that the lift will tip over or otherwise malfunction, resulting in damage to the lift and/or personal injury.
 - Do not exceed the maximum load capacity.
 - Remain in the correct, upright position while the lift is in use. Keep entire body within the lift at all times. Failure to remain in position may result in pinch or crush hazards at the deck/flooring platform and property damage or personal injury from a malfunction of the lift or falling from the lift.
 - If the lift is installed to go through an opening to another level, it is particularly important to never rest arms, feet or limbs on handrails or extending from the lift. Narrow openings pose a substantial risk of injury to the lift or serious personal injury.
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- Prior to use, ensure that electrical power is installed on a grounded electrical circuit.
 - Prior to use, inspect for proper function, required maintenance, or damage. If a problem exists, cease use of the lift immediately. Do not attempt to make repairs or alterations to the lift. Contact a licensed professional or customer support for any necessary repairs.
 - Do not conduct any maintenance, repairs, or otherwise work on this lift while it is operational or plugged in unless instructed to do so by customer support.
 - Do not alter or modify this lift or any of its safety devices in any way.
 - Do not expose any electronic part of this lift to liquid or harsh weather conditions.
 - Do not use if snow, ice, or other debris have accumulated on the lift.
 - Do not operate this lift in the presence of combustible or explosive gas or fumes.
 - Completely disconnect the lift from its power source prior to cleaning the lift.
 - Do not operate this lift if you are under the age of eighteen (18) years old. All users of this lift who are under the age of eighteen (18) years old must be accompanied by an adult who is authorized to use this lift and has read its operating instructions.
 - Keep children away from this lift at all times unless using this lift while accompanied by an authorized adult who has read its operating instructions.
 - Do not stand or place any body part under the lift platform at any time.
 - When using the lift, ensure that no persons, pets or objects are in the upward or downward path of the lift platform or collar.
 - Keep all loose articles, hair, and other objects away from the moving portions of the lift at all times.
 - Keep hands and feet away from moving parts while the lift is operational.
 - Do not store any items or objects on or under the lift platform.
 - Store lift in a temperature controlled, dry environment when not installed for use.
 - Ensure that the lift platform is fully in the down position and all electrical components are disconnected from power prior to moving the lift.
 - Use appropriate lifting/transport precautions when moving the lift. The lift is very heavy.
 - Keep lift controllers in a secure location out of reach of children.
 - Remain aware of your surroundings and ensure you are able to hear well at all times while the lift is in use.

Excerpt from Order Confirmation Email:

The customer understands that he/she is responsible for this lift's proper and safe installation and operation. This includes but is not limited to:

- Making sure the lift is installed in a safe location by personnel adequate to the task.
 - Making sure that the electrical power is adequate and supplied in a safe manner. Outdoor and garage lifts need to use a GFI circuit.
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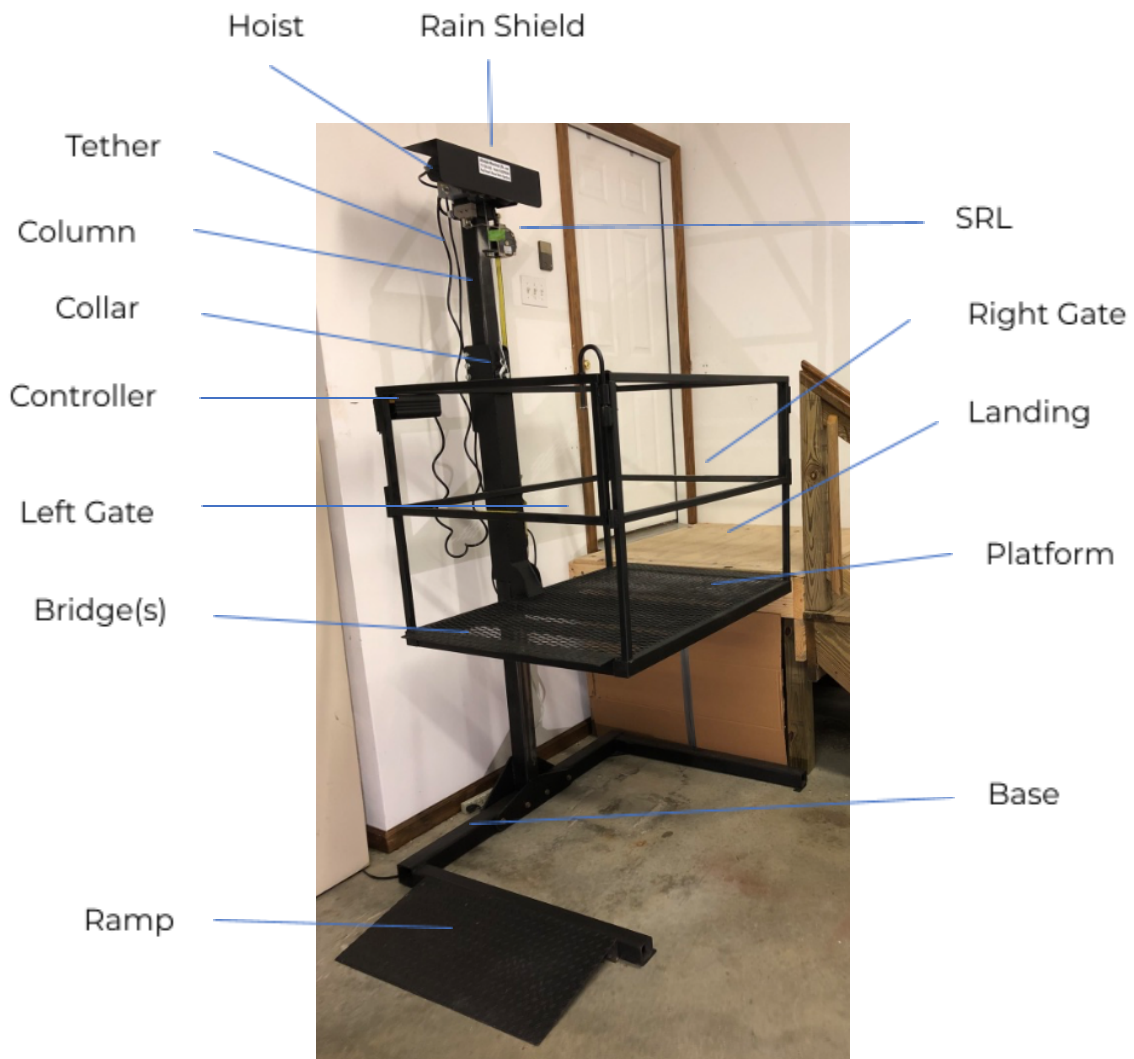
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- Making sure the lift and its installation complies with any applicable regulations and that any lift operators are properly trained.
 - Recognizing that Affordable Lifts' delivery technicians will deliver the lift and are not necessarily qualified or licensed to do related electrical, masonry, carpentry or other contractor type work.
 - Addressing any applicable taxes.
 - Inspecting the lift periodically to ensure that it is safe to operate.

Regarding lift operators and users, the customer understands that:

- The customer is responsible for making sure that the person(s) operating the lift has/have been instructed in its use pursuant to the Owner's Manual and are mentally capable of safely operating the lift.
 - This may mean restricting access to the lift controller(s) to prevent unqualified persons from operating the lift.
 - **Persons with dementia or who are susceptible to mental confusion are not qualified to operate the lift**, though a qualified caregiver may operate it for them.
 - **Persons incapable of recognizing that the lift has reached ground level are not qualified to operate the lift**, though a qualified caregiver may operate it for them.
 - The manufacturer is not responsible for injuries or damages of any sort resulting from operator error.
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LIFT COMPONENTS ILLUSTRATION

This photo might not exactly match your particular lift.



LIFT COMPONENTS TABLE

Base	U-Shaped bars that support the entire unit.
Platform	The platform is the metal, gated enclosure that carries the passenger up and down
Gate(s)	A removable and reversible gate is attached to each side of the platform. Each gate has a latch.
Bridge(s)	A bridge is the flat diamond plate metal surface attached to each side of the platform.
Column	The column supports the hoist and the Self-Retracting Line (SRL)
Landing	The level area from which you enter and exit the lift platform when the platform is at its designated rise height.
Collar	The collar attaches to the platform and slides up and down the column. A safety guard covers the collar.
Hoist	The hoist raises and lowers the platform. AC and DC powered hoists are available. In exterior applications, a rain shield protects the hoist from weather.
Controller	The controller houses the Up and Down switches for the lift.
Ramp	This is an optional diamond plate metal surface to provide a smooth entrance to the platform.
Rain Shield	The rain shield keeps rain from the hoist motor.
Tether	Connect the controller to the hoist.
SRL (Self-Retracting Line)	Serves as a safety backup in case the lifting mechanism fails.

OPERATING YOUR LIFT

Step 1

Ensure the lift platform is completely level with the floor or landing where you reside. Refer to the Installation Manual to adjust the platform to the Landing height as needed. Only proceed when the platform is completely level to the floor or landing on which you reside.

Step 2

Lift the latch to unsecure and open the gate and proceed to enter the lift platform area.

Step 3

Be sure to re-secure the latch to lock the gate. For a wheelchair, make sure the wheelchair is completely within the platform area and that all wheels are locked. If you are standing, make sure your body is completely within the lift platform area, stand still, and hold firmly onto the platform rails.

Step 4

Press the appropriate UP or DOWN button on the controller to raise or lower the lift until it is completely level with the landing or floor onto which you wish to exit.

Step 5

Unlock the wheels on the wheelchair, unsecure the latch and open the gate, and exit the lift platform onto your destination floor or landing.

Step 6

Re-secure the lift gate in the closed position.

A COMMON ADJUSTMENT

- **If your lift platform will not go down under only its own weight, OR**
- **if you have more platform side-to-side wobble than you would like,**
then please read the following:

It is critical that the four (4) adjustment bolts across the back of the collar are adjusted properly. These adjustment bolts require 9/16" wrenches.

These bolts have self-locking nuts. These self-locking nuts do NOT need to be tight in order to stay on. If any of these four nuts are too tight the platform may not descend as the hoist pays out the wire rope. If this happens, the hoist may produce several

inches (or feet) of slack, and the platform may then fall until the slack is used up or until the anti-fall device engages and stops the platform. Either condition is undesirable.

Therefore do the following:

1) Adjust the top three bolts on the back of the platform collar so that they (the bolts and the nuts) may be rotated just with finger pressure.

2) Adjust the single bolt on the back, near the bottom of the collar so that side to side wobble is acceptable and the unit descends smoothly with no weight on the platform. A good way to accomplish this is to loosen the bottom bolt until it can barely be turned by finger pressure. Then run the platform up and down several times, tightening the nut half a turn each time, until the platform will not come down under its own weight. Then loosen the nut a quarter turn until the platform can again descend under its own weight.

It is better to be too loose than too tight.

Adjusting these bolts in this manner will minimize side-to-side wobble while allowing the platform to move freely.

OPERATING PRECAUTIONS

Although covered in the Warnings Section previously, a few safety precautions are worth repeating:

- Ensure that you have stability on the lift platform before setting the platform in motion.
- Make sure no items such as clothing, umbrellas, canes, hair, etc. can become tangled with the moving portions of the lift.
- Pay particular attention that no persons or objects are in the path of the lift platform.
- Do not exceed the maximum lift capacity of 500 lbs. unless customized to 750 lbs. or indicated otherwise on the lift itself.

MAINTENANCE

NOTE: If your lift is equipped with multiple wireless control buttons, be aware these devices work over a 50-foot radius. Always unplug your lift before cleaning or maintaining it to prevent someone inadvertently using a call button to activate the lift and accidentally causing injury or death.

Hoist Cable

The cable is a critical piece of your lift. Visually inspect it monthly to make sure it is not kinked, frayed or showing signs of wear. If it is, contact Affordable Lifts for assistance.

SRL

The SRL is important to the safety of your lift. Visually inspect its cable monthly to make sure it is not kinked, frayed or showing signs of wear. Make sure the cable extends and retracts smoothly. While wearing gloves, jerk the cable quickly from the SRL body and ensure that it automatically engages. If it fails inspection, contact Affordable Lifts for assistance.

Paint

Most lifts are painted using Rust-oleum® Flat Black. You can apply more paint to repair scratches or cover rust at any time. You should not paint the column.

WARRANTY

Affordable Lifts come with a 1-year warranty on parts (except for paint scratches) and a 3-month warranty on labor.

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