

a u X X L i f t

Owner's Manual

Motorized Home Storage Solution
Model 1400/1600



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WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE OR FORM WITHOUT
THE WRITTEN APPROVAL

PART NUMBER OF MANUAL 2101A, PRINTED IN USA



This manual provides critical safety instructions on the proper setup, operation, maintenance and service of this equipment.

Failure to read, understand and follow the instructions given in this manual may result in serious personal injury, including amputation, electrocution or death.

The owner of this equipment is solely responsible for its safe use. This responsibility includes but is not limited to proper installation in a safe environment, personnel training and usage authorization, proper inspection and maintenance, manual availability and comprehension, application of safety devices.

The manufacturer will not be held liable for injury or property damage from negligence, improper training, equipment modifications or misuse.

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Introduction

Foreword

We are proud to offer the Motorized Storage System. This equipment is part of the growing **auXXLift** of engineering solutions. When used according to the guidelines set forth in this manual, you can expect years of trouble-free, enjoyable operation and proof of **auXXLift** commitment to customer satisfaction.

The specifications, drawings and photographs illustrated in this manual represent the Model 1400/1600 when the manual was prepared. However, owing to **auXXLift** policy of continuous improvement, changes may be made at any time with no obligation on the part of LFK Engineering LLC.

For your convenience, we always keep current **auXXLift** manuals available on our website at www.auxx-lift.com. Any updates to your equipment will be reflected in this manual as soon as they are complete. Visit our site often to check for the latest updates to this manual.

Contact Info

If you have any comments regarding this manual, please write to us at the address below:

We stand behind our products. If you have any service questions or requests, please call or write us at the location listed below:

auXXLift

Email: auxxlifthelp@gmail.com

Phone: (805) 405-5503

Auxx-lift 1400/(1600)

Product Dimension:

Weight.....128 lbs.
Length/Width/Height.....48 x 96 x 2.5 in.
Max Ceilings Height.....15 ft.
Max Load.....400lbs/(600lbs).

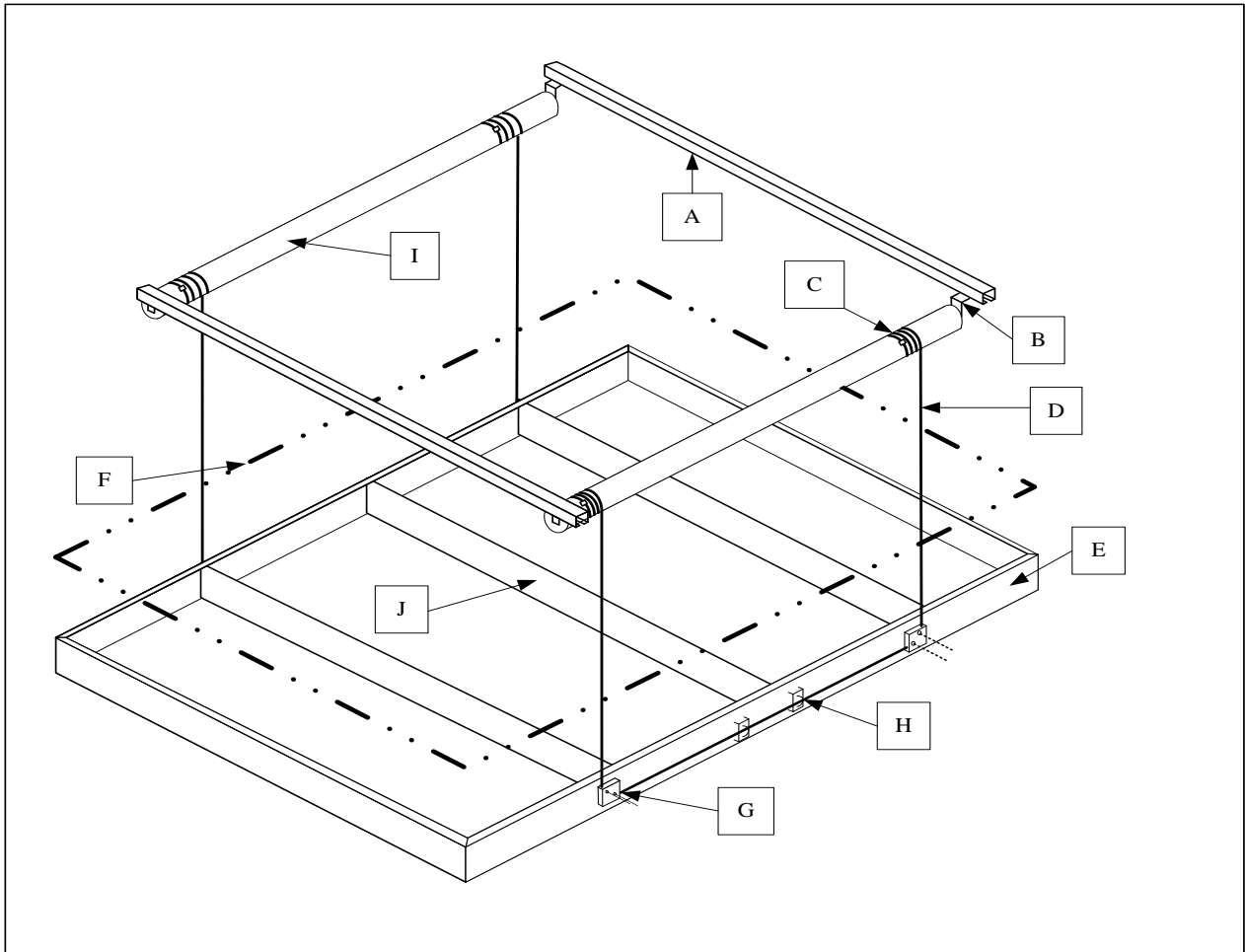
Electrical:

Switch Voltage.....120V
Switch Direction.....Up/Down
Transmitter.....433.92MHz
Receiver Load per channel.....1HP
Cord Length.....10 ft.
Cord Gauge.....16 gauge
Minimum circuit size.....15 amp
Plug included.....NEMA 5-15
Conversion To 220V or 440V.....No

Motors:

Type.....IP44, T-Motor
Rated Power.....235W/(680W)
Rated Current.....2.2A/(6A)
Voltage.....120V
Phase.....Single
Max RunningTime.....3min

Identification



A. Montage Rail

B. Motor Brackets

C. Rope Holder

D. Steel Rope

E. Frame

F. Platform

G. Rope Bender

H. Rope Clip

I. Motor

J. Shelf Support Beam

Section 1: SAFETY



For Your Own Safety, Read Instruction Manual Before Operating this Machine

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.



DANGER

Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.



WARNING

Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.



Caution

Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.



Safety Instructions

1. **READ THROUGH THE MANUAL BEFORE STARTING EQUIPMENT.** Equipment presents serious Injury hazards to untrained user. To reduce the risk of severe injury or death.
2. **ONLY ALLOW TRAINED AND PROPERLY SUPERVISED PERSONNEL TO OPERATE EQUIPMENT.** Make sure operation instruction is safe and clearly understood.
3. **KEEP CHILDREN AND VISITORS AWAY.** Keep all children and visitors a safe distance from the area of work, min 3ft around the equipment.
4. **DO NOT USE IN DANGEROUS ENVIRONMENTS.** DO NOT use Equipment in damp, wet location, or where any flammable or noxious fumes may exist.
5. **KEEP AREA OF WORK CLEAN AND WELL LIT.** Cutter around/over/under the Equipment and dark shadows may cause accidents.
7. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS AND OPERATIONS.** If you have any questions or do not understand an instruction contact LFK Engineering.
8. **NEVER OPERATE EQUIPMENT WHEN TIRED, OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.** Be mentally alert at all times when using the equipment.
9. **NEVER LEAVE WHEN EQUIPMENT IS IN MOVEMENT.** Turn power OFF and allow all moving equipment to come to a complete stop before leaving equipment unattended.
10. **ALWAYS DISCONNECT FROM POWER SOURCE BEFORE SERVING EQUIPMENT.** Make sure connection cable is from power disconnected. Ask a qualified electrician.
11. **MAKE AREA WORK, CHILD AND VISITOR PROOF.** Move the Remote control (Transmitter) to a safe place.

6. ALWAYS DISCONNECT FROM POWER SOURCE BEFORE SERVING EQUIPMENT. Make sure connection cable is disconnected from power. Ask a qualified electrician.

12. MAINTAIN EQUIPMENT WITH CARE. Disconnect from power source before you maintenance the equipment. Control all parts for integrity, noise, and smell. Control all screws off tightness.



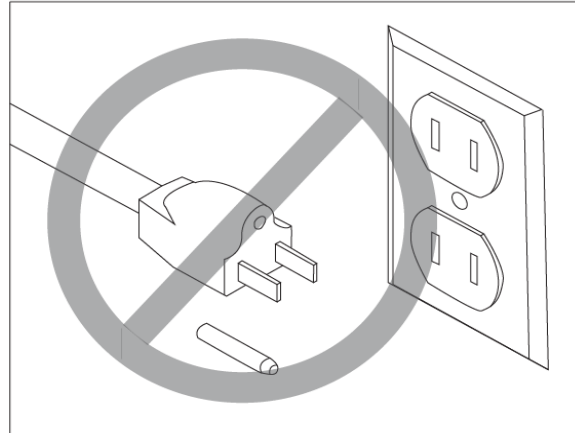
No list of safety guidelines can be complete. Every environment is different. Like all machines there is danger associated with the Model 1400/1600. Accidents are frequently caused by lack of familiarity or failure to pay attention. Use this machine with respect and caution to lessen the possibility of operator injury. If normal safety precautions are overlooked or ignored, serious personal injury may occur.

Section 2: CIRCUIT REQUIREMENTS



120V Operation

Serious personal injury could occur if you connect the equipment to the power source before you have completed the set up progress. **DO NOT** connect the equipment to the power source until instructed to do so.



Amperage Draw

The Model 1400/1600 motors draws the following amps under maximum load:

Motors Draw.....12A

Circuit Recommendations

We recommend connecting your equipment to a dedicated and grounded circuit that is rated for the amperage given below. Never replace a circuit breaker on an existing circuit with one of higher amperage without consulting a qualified electrician to ensure compliance with wiring codes. If are you unsure about the wiring codes in your area or you plan to connect your equipment to a shared circuit, consult a qualified electrician.

Circuit Breaker.....15A

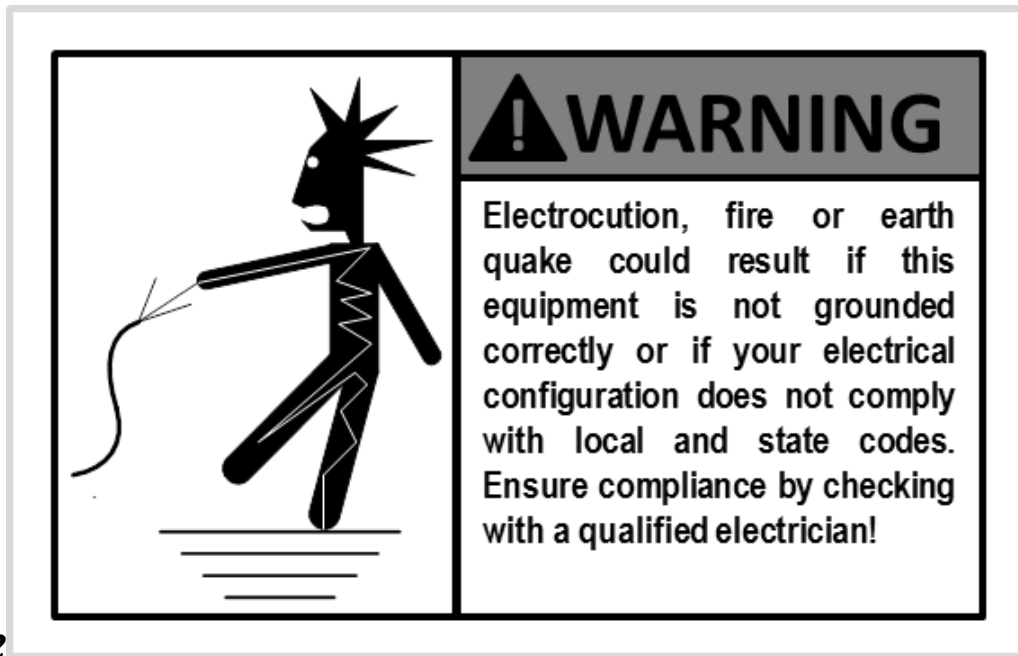
This equipment must have a ground prong in the plug to help ensure that it is grounded. DO NOT remove ground prong from plug to fit into a two-pronged outlet! If the plug will not fit the outlet, have the proper outlet installed by a qualified electrician.

Extension Cords

We do not recommend the use of extension cords, if you find it absolutely necessary:

- Use at least a 14 gauge cord that does not exceed 50 feet | length.
- The extension cord must also contain a ground wire and plug pin
- For help ask a qualified electrician.


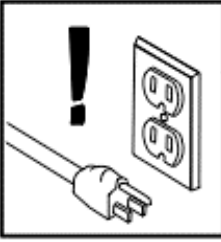


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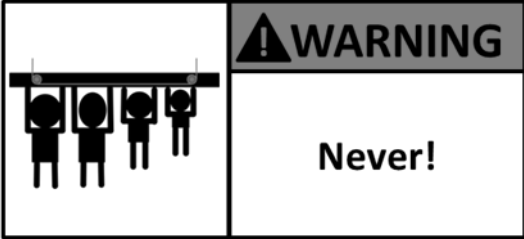

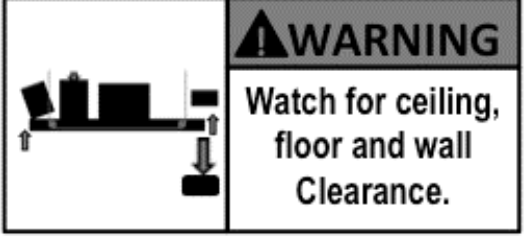


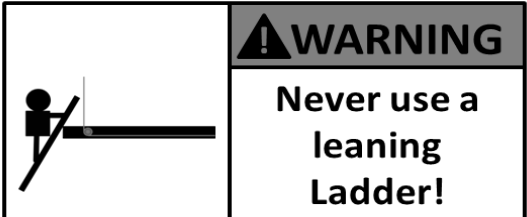
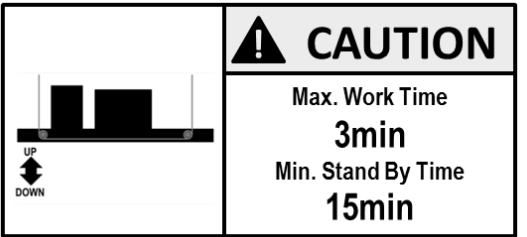
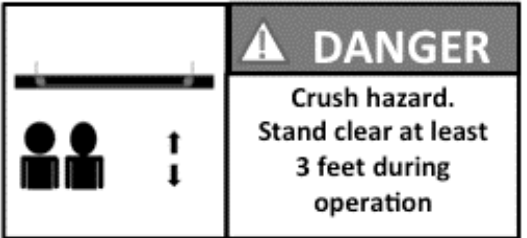
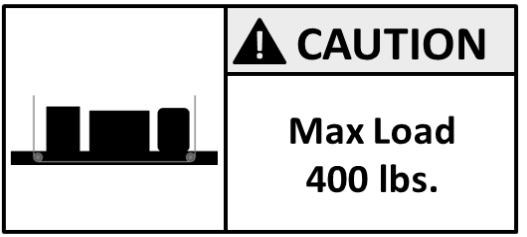
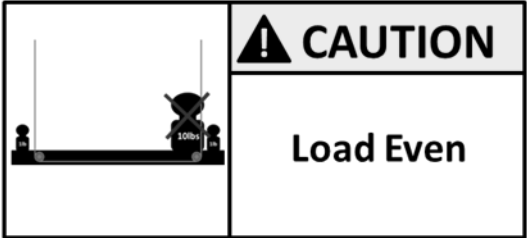
To reduce the risk of severe injury or death: READ AND FOLLOW ALL SAFETY INSTRUCTIONS AND OPERATIONS. If you have any questions or do not understand an instruction contact LFK Engineering.

WARNING: Do not climb, step, hang from, play on, or stand under the Motorized Home Storage System. Routinely inspect the System over time to ensure rivets and wire decking is seated properly. Evenly distribute heavy objects and do not overload the system. Watch for children and pets while operating the Motorized Home Storage System. Read the safety labels on the System. If you have any type of problems do not hesitate to call auXXLifthelp@gmail.com for help.

ADDITIONAL ADVICE

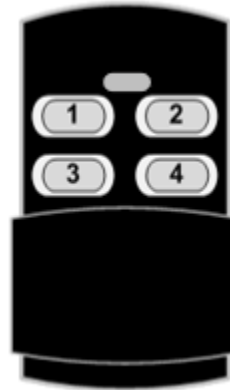
<p>Keep these safety precautions in mind!</p>	 <p>⚠ DANGER</p> <p>This machine MUST have a ground prong in the plug- Don't use without</p>
<p>Keep these safety precautions in mind!</p>	 <p>⚠ DANGER</p> <p>Always disconnect power! For maintenance, de-installing, repairing, cleaning etc.</p>
<p>Keep these safety precautions in mind!</p>	 <p>⚠ DANGER</p> <p>This equipment is for indoor use only.</p>
<p>Never operate the lift while objects or people are near moving parts.</p>	 <p>⚠ WARNING</p> <p>Watch for ceiling, floor and wall Clearance.</p>

<p>Press the STOP button in case something goes wrong or you do not feel safe. Watch, listen and pay attention. If something seems wrong, please give us a call!</p>	
<p>Do not use to lift people or animals.</p>	
<p>Do not hang onto lift.</p>	
<p>Please Lift Up when you are done. Serious injury could happen to you and other people.</p>	
<p>Watch around the shelf for clearance and don't stack too high. Between stack end and Ceiling Rail there must be a gap bigger than 2 inches.</p>	

<p>For maintenance, repair, cleaning etc. use a step ladder. A leaning ladder could cause serious injury.</p>	
<p>The motors heat up during the running time. When they are overheated, the motors switch automatically off. It takes 15 minutes to cool down the motors. During this time both motors are stopped.</p>	
<p>Do not stand under lift while operating it. During the operation watch for children and other persons or animals.</p>	
<p>Please don't overload the equipment. When you are unsure please use a scale. For the 1600 Version is the max load 600lbs 1800=800lbs A000=1000lbs</p>	
<p>Even out the weight of your items. When you are unsure please use a scale.</p>	



- 1 UP
- 2 Stop
- 3 Down
- 4 Learn



How to use the lift

After the lift is installed and all the safety precautions are observed and employed, the lift is ready to be used. Be sure DEADMAN is on!

Note: The buttons for moving the lift don't have to be held down. If you press **1** or **3** on the remote once, to raise or lower the lift, the lift will continue to move until it reaches its highest or lowest point, or it stopped you relieve the key.

To raise the storage platform, press the **1** on the remote (for a picture of the remote see above). To lower the platform, press **3** on the remote and relieve the key desired height of the lift is reached.

To stop the lift at any time because of problems or the desired height is reached relieve the button on the remote.

The maximum running time until the motors overheat is usually depending on the load and is 3 minutes.

When the motors are overheated they take about 15 minutes to cool down and both of the motors are stopped. After the motors are cooled down the operation can be continued.

When you push button **1** on the remote for example to raise the lift and you want to change the direction when lift is moving, you can push button **3** and the lift will immediately change the direction. By pushing button **3** the lift will be raised.

Only the original manufacturer's replacement parts should be used for repair.

Make sure when you move the lift all the way to the top to wait for both motor's to stop turning. Sometimes they will readjust themselves when reaching the top.

Daily Inspection Instructions

1. Check the cables for damage. Are there any deformations, discoloration, cracks?
If there are any problems call customer service.
2. Is the storage-lift still evenly loaded or did any storage items move. If items are not even distributed please move them so they weight is more evenly loaded.
3. Are the rope clips on both sides tight? Are the rope benders still tight?
If not tighten them with a wrench and a hexagon key.
4. Try to pay attention to the sound of the lift during operation. Are the motors working correctly? Are they making unusual sounds? Do there seem to be any problems during the raising and lowering of the lift? If you sense any problems please call customer service.
5. Check out the struts that are attached to the garage ceiling. Did they move?
If so call customer service.
6. Please make sure there is a fully-charged battery in the remote.
7. Please check if the cables are overlapped. If so lower the lift all the way to the ground and raise it back up. The cables should be not overlapped anymore. If problem consists please call customer service.

Warranty

This warranty covers any defects in materials, or workmanship, including installation. In case you are not satisfied with your product, you are entitled to a full refund within the first (30) thirty days after the day of installation. This warranty for the two motors runs for (1) one year from the date your Motorized Home Storage Solution is installed. The warranty for the rope holders, rope benders, screws, beams, shelf frame, and platform runs for a lifetime. To report a warranty defect, please contact Engineering LLC services at auXXLift@gmail.com. This warranty does not cover damage resulting by misuse, abuse, fire, flood, acts of God, neglect, corrosion, modification, or mishandling. In addition, this warranty does not cover cosmetic damage including scratches, dings, or dents that do not affect the structural or functional capability of the product. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or country to country. Damages to the product, property or persons resulting from improper use (overloading), installation errors or buyer negligence are not covered by this warranty.