



Residential Platform Lifts RPL400 / RPL600

Owner's Manual and Warranty Information



IMPORTANT: Read and understand this entire Owner's Manual before attempting to operate this Stair Lift.
If you do not clearly understand an instruction, contact your dealer for clarification, or call Harmar toll-free at 866-378-6648 before operating the lift.



Your new Highlander Vertical Platform Lift has been engineered to provide you with safe and convenient access to your home. Designed to work indoors or out, its small footprint works where ramps or stair lifts won't, enabling you to move easily from one level to another with your mobility device. It's easy to operate and virtually maintenance-free to offer you many years of reliable use.

IMPORTANT: Read and understand this Owner's Manual in its entirety before attempting to operate the equipment. Follow all operating procedures to avoid possible injury and/or property damage.

Contents

Dealer Information.....	3
Owner Purchase Information.....	3
Special Benefits.....	4
Standard Equipment	5
Operation	6
Technical Specifications	8
Installation	9
Maintenance	10
Troubleshooting.....	11
Warranty	12

OWNER PURCHASE INFORMATION

>> Dealer Information

If you have questions concerning the operation or maintenance of your Highlander Residential Platform Lift, please contact your dealer.

Dealer Name: _____

Address: _____

Telephone: (____) _____

E-mail: _____

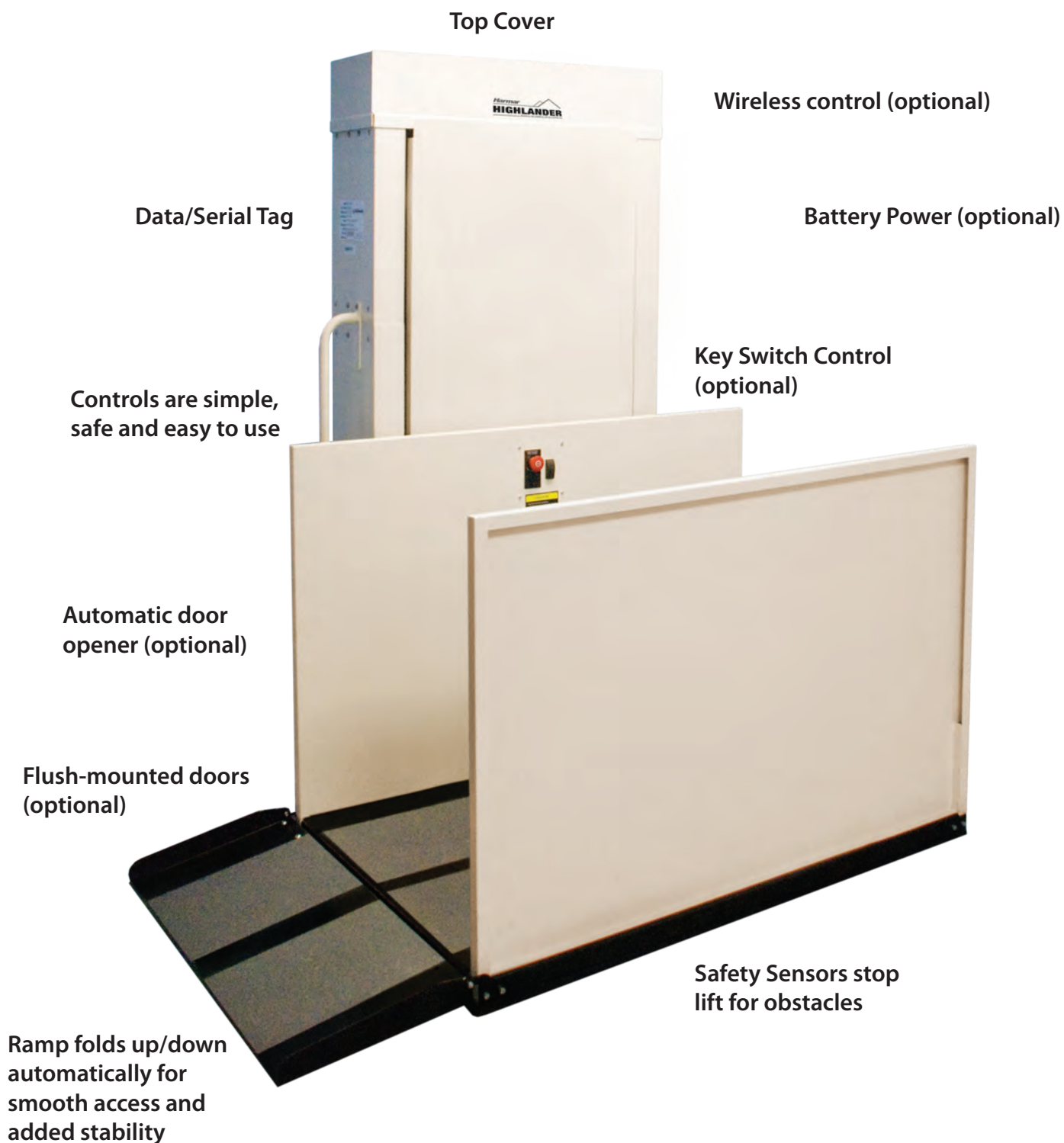
>> Owner Purchase Information

If service or warranty work is needed, your Dealer will need the information below to receive factory information or order parts for your Platform Lift.

Date purchased: _____

RPL Serial number: _____

FEATURES



SPECIFICATIONS

Lifting Height:	RPL400 53"
	RPL600 77"
Rated Load:	600 lbs.
Drive:	Belt driven Acme screw / 90 VDC ½ hp motor. Optional 24 VDC battery powered unit
Power Supply:	115 VAC – 15a. grounded circuit / 220 VAC (optional)
Control Circuit:	24 VAC (Low Voltage Controls)
Standard Platform:	36" x 48" (91 cm x 122 cm) with 36" (91 cm) high guard panels & automatic folding ramp
Footprint:	50" x 70" (127 cm x 177.8 cm)
Speed:	10 fpm (3 mpm)
Safety Design:	ASME A18.1, Section 5 - Private Residence Vertical Platform Lifts
Standards: ETL Listed 3148125	CSA B44.1 / ASME A17.5 - Elevator & Escalator Equipment
Controls:	Rocker switch with emergency stop (key switch optional)
Manual Lowering:	Provided
Safety Features:	Safety pan, final limit, Acme safety nut with monitor, and non-skid surface
Warranty:	1-Year parts

CODE AND SITE REQUIREMENTS

Code Requirements

This platform lift is designed to meet ASME A18.1 section 5 and CSA B44/ASME A17.5 with the addition of certain options. Code requirements for vertical platform lifts vary depending on location. Your installer is responsible for contacting your local code enforcement office to determine all applicable regulations prior to installing vertical platform lifts.

Site Requirements

The lift requires a 115VAC 20 amp grounded circuit. Outdoor installations require a GFI protected circuit. Lift must be installed on a 4" thick, level 3,500 psi reinforced concrete slab. The footprint requires 49"x 69" area (this includes the folding access ramp.)

OPERATION AND SAFETY

OPERATION

Press the Up or Down Direction Button.

The limit switches will stop the lift platform level with the upper landing. At the bottom, the access ramp unfolds and rests on the ground.

Emergency Stop.

Press the Emergency Stop button. This will prevent the lift from running in either direction. To operate the lift normally, pull the switch back out.

NOTE: The sensor pan beneath the platform is designed to stop the lift when it hits an object underneath it. You can verify the operation of the sensor pan by starting the lift at the top landing. Press up on the sensor pan. While holding the pan in this location, press the down switch on the platform. The lift should not run. Check all sides and middle of the safety pan.

SAFETY

IMPORTANT: Read all instructions in this Owner's Manual before operating the lift.

- This RPL meets ASME A18.1 safety standards. However, ensure that you and those servicing this product follow all safety procedures.
- Do not disable any safety equipment or switches supplied with this lift.
- Lock wheelchair brakes before operating lift.
- Stay away from all drive train components while the lift is operating.
- Do not exceed the maximum payload capacity of 600 lbs.
- Do not ride on the lift until it is anchored in place.
- It is recommended that a gate or door be installed at the upper landing.
- This product is designed only for lifting people and mobility devices. Do not use for any other purpose.
- Ensure that this lift is always disconnected from the electrical source before servicing.
- Loose clothing or jewelry should never be worn by a person working on the lift
- The lift requires a 115VAC 15 AMP grounded, dedicated electrical outlet within 6 feet of the lift. Plug the lift directly

WARNING: Moving components can cut and crush. Do NOT operate the lift if you or anyone else is in close proximity to any drive components. Be aware that loose clothing or jewelry may catch on moving parts.

WARNING: The area between the floor where the lift is mounted and the top landing must be covered by a smooth vertical fascia to eliminate pinch points between the platform and landing.

TROUBLESHOOTING & MANUAL OVERRIDE

Troubleshooting

In case of power failure, this lift is equipped with a Manual Override Crank that permits it to be raised or lowered by hand. Before using, check to ensure that the manual system is required.

Before using the Manual Override Crank, try trouble-shooting by verifying the following:

- Check that the Emergency Stop Switch is pulled out.
- Check that the building's circuit breaker has not tripped.
- Check that the electrical cord is plugged into the wall.
- Try to run the lift by pushing both the up and down buttons.

Manual Over-Ride Procedure

If, after Troubleshooting as above, the lift still will not run, complete the following steps:

Step 1

Unplug the lift from the wall. Push in the Emergency Stop Button.

WARNING: Do not service or operate the Manual Override Crank while the lift is connected to electricity.

Step 2

Loosen the screws and remove the top cap at the top of the tower.

Step 3

Insert the manual hand crank onto the upper nut on the top of the drive screw.

Rotate the crank to raise or lower the platform.

WARNING: Never operate the lift while the Manual Override Crank is inserted into the lift.

For your safety, if you have any questions, please contact your Harmar dealer, installer, or Harmar's Technical Service Department at 1-866-378-6848 or e-mail tech@harmar.com.

MAINTENANCE

- Clean the lift panels, with a mild cleanser. Dry thoroughly.
- Do NOT use abrasive cleansers or materials.
- Apply a liberal coat of car wax on the steel panels. This is especially important if your platform lift is used outside.
- Touch up any scratches immediately to maintain the attractive, rash-free appearance.

Professional Service.

We recommend that the mechanical and electrical equipment be regularly inspected and maintained by a certified Harmar technician for safety. Of special importance are the brakes, support- and distance wheels.

HIGHLANDER RPL ONE YEAR WARRANTY CERTIFICATE



PLEASE FILL OUT ALL FIELDS AND RETURN WITHIN TEN (10) DAYS OF PRODUCT PURCHASE.

Mail to Harmar, 2075 47th Street, Sarasota, FL 34234. Harmar warrants to the original purchaser of a Highlander RPL manufactured by us to be free from defects in material, mechanical, and electrical components (parts), excluding labor cost, batteries and paint, for a period of one (1) year, and two (2) years with Outdoor Package Option, provided that the products have been installed, maintained and operated properly.

EXCEPTIONS TO THIS LIMITED WARRANTY ARE:

- Damage resulting from improper installation or operation
- Negligence, alterations, abuse or misuse of the equipment
- Fire, flood, acts of God
- Shipping damage
- Parts used that are not supplied by Harmar, Inc.
- Batteries are warranted for a 1-year period
- Labor fees for installation work or service calls

No warranty is extended, express or implied, whether of merchantability or fitness for a particular purpose, after expiration of 3 years from the date of original purchase of the unit. Harmar and its dealers shall not be liable for any consequential, special or incidental damages arising out of the purchase or use of the unit or resulting from the breach of this Limited Warranty, or any implied warranty. The limit of liability of Harmar and its dealer hereunder shall be the unit's purchase price. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, or legal remedies, so these above limitations may not apply to you. All warranty claims must be reported to the dealer from whom the lift was purchased as they have responsibility for handling your warranty claim. The dealer is to contact the Service Department of Harmar at 866-378-6648 and provide the serial number of the product along with a description of the events leading to the warranty claim. Dealers may charge for labor, service, travel, or other associated costs to make repairs, and such charges are not covered by this Limited Warranty. It is permissible to have any repairs or replacement work done as a result of any defects in material and workmanship by someone other than the Dealer under this Limited Warranty. However, the Limited Warranty does not cover any charges or expenses assessed by any such other person or company performing such repairs or replacement work. All parts used to replace defective materials must be genuine Harmar parts to be covered by this Limited Warranty. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

PRODUCT INFORMATION

Model: _____

Serial Number: _____

Purchase Date: _____

INSTALLER INFORMATION

Company Name: _____

Contact Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

© 2012 Harmar MKT-OM-Highlander-0712

PURCHASER INFORMATION

Name: _____

Address: _____

Phone: _____

Email: _____

ADDITIONAL INFORMATION

How did you hear about Harmar?

- | | |
|--|---|
| <input type="checkbox"/> Harmar Dealer | <input type="checkbox"/> Friend or Acquaintance |
| <input type="checkbox"/> Internet | <input type="checkbox"/> Saw Harmar product somewhere |
| <input type="checkbox"/> Magazine | <input type="checkbox"/> Other _____ |
| Which _____ | |

Do you have Internet access? ☐ Yes ☐ No

I purchased my Highlander RPL due to its:

- | | |
|--|---|
| <input type="checkbox"/> Style/Appearance | <input type="checkbox"/> Ease of Use |
| <input type="checkbox"/> Harmar Representative | <input type="checkbox"/> Recommendation |
| <input type="checkbox"/> Previous Experience | <input type="checkbox"/> Price/Value |