



***ELITE CURVE
CUSTOM CURVED RAIL STAIRLIFT***

Operator's Manual


**Technical Service email: service@homeadapt.com
www.homeadapt.com**

*Keep this manual in a safe and readily accessible place
for future reference.*

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PRODUCT REGISTRATION FORM

 **Product Registration Form**
Please print in *CAPITAL* letters.

Please be assured that Homeadapt **does not** share or sell the information you provide.

* = **required field**

*First Name _____ M.I. _____

*Last Name _____

*Street Address _____ Apt. No. _____

*City _____ County/Province _____

*Zip/Postal Code _____

Email Address _____

Telephone No. _____

Date of Purchase (mm/dd/yy) _____

Model No. _____

Serial No. _____

Please rate your satisfaction with your Homeadapt **dealer**:
 excellent good average poor

Please rate your satisfaction with your Homeadapt **product**:
 excellent good average poor

Homeadapt reserves the right to use information indicated on this form in its online, video, audio and printed materials. Names will be abbreviated to ensure the privacy and anonymity of the individual.

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Homeadapt is pleased to provide you with this mobility-enhancing product.

The Product Registration Form is shipped in a plastic bag with this manual. It is very important that you fill out and return this form at your earliest convenience so that we may complete the warranty registration process for your unit.

The **serial number** is found on labels affixed to the manual, as well as on the unit itself.

Serial and model numbers must be provided when filing a warranty claim, requesting service or ordering parts. We encourage you to keep this information readily available at all times.

Please Note: The warranty for the Elite Curve Stairlift is **rendered null and void** if the unit is installed or maintained by anyone other than a trained Homeadapt fitter.

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REGULATORY INFORMATION

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to CISPR 11. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the of the following measures:

- Reorient or relocate receiving antenna.
- Increase separation between equipment and receiver.
- Consult his/her dealer.

SPECIFICATIONS

Weight Capacity: 420 lbs. (30 st)

Control: constant pressure (armrest and two remotes)

Maximum Incline: 45 degrees

Seat Swivel: 0, 60 and 90 degrees at top

Power Supply: 24VDC battery charger powered by 120V outlet

FOR YOUR SAFETY

- Read and understand the operating instructions, and all safety precautions prior to using the stairlift.
- Be sure stairs are clear of objects before operating the stairlift.
- Always be aware of the surface onto which you are stepping as you get on and off the stairlift.
- Avoid carrying items with you on the stairlift which could hinder movement of the stairlift up and down the stairs.
- Do not wear LOOSE clothing that could interfere with stairlift movement.
- Fasten your positioning belt before operating the stairlift.
- Make sure the seat is locked in the correct riding position.
- Be certain the seat swivel is locked in place before attempting to get on or off the stairlift.
- **NON-AMBULATORY USERS:** Homeadapt recommends carrying a cellular or cordless telephone or an emergency communication device when riding the stairlift while alone in the house.
- If you cannot remain seated upright, please lean towards the upstairs side for the smoothest ride.

FOR YOUR SAFETY

Each stairlift is designed to travel down the stairway at a slightly slower speed than is the case when travelling UP.

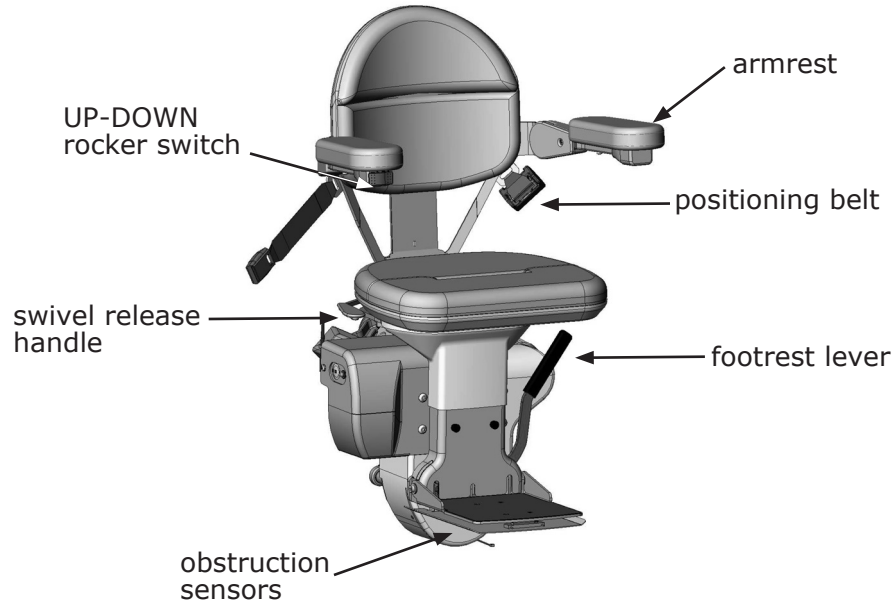
The footrest is equipped with *obstruction sensors* which stop the carriage if an obstacle is encountered on the stairs.

If this should occur, press the opposite side of the UP/DOWN rocker control switch (on the armrest) to run the carriage in the opposite direction. Clear the obstacle from the stairway or rail then resume travel in the desired direction.

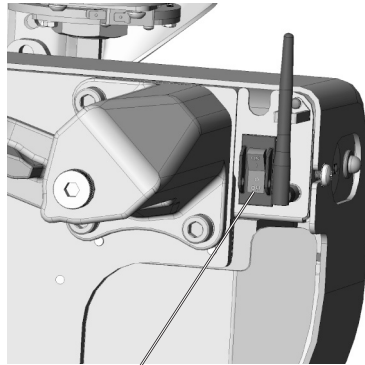
Your stairlift is battery powered and will continue to operate for some time during a power outage. The length of operation will depend on the battery condition, the length of the stairs and the weight of the rider.

Only in the event of a prolonged power outage (more than one hour) will it be necessary to turn the power off (circuit breaker switch on the carriage) and unplug the charger from the wall outlet to conserve battery charge.

ELITE CURVE



CIRCUIT BREAKER



ON/OFF switch
with built-in
circuit breaker



The stairlift includes an ON/OFF switch with a built-in circuit breaker.

The circuit breaker protects the battery, controller and motor circuits in the stairlift carriage.

It is unlikely that this circuit breaker will trip during normal use. However, if the stairlift becomes inoperative, check the circuit breaker as a first troubleshooting step. Reset it, if necessary.

Possible causes of circuit breaker tripping:

- foreign object jamming the rail or gear rack;
- exceeding the rated weight capacity of the stairlift.

SEATING



The Elite Curve seat assembly (with standard armrests) is designed to swivel a total of 135 degrees.

It locks in the center (home) position, and in positions 60 and 90 degrees to the up side and 45 degrees to the down side*.

***NOTE: Down-side 45-degree swivel may not work on all applications.**

Lift up on the swivel release lever located under the seat (either side) to swivel the seat to a convenient position for transferring into or out of the seat.

Once you release the swivel lever, the seat will lock in the closest of the four positions indicated above.

The seat also flips up to facilitate storage.

NOTE: If you cannot remain seated upright, please lean towards the upstairs side for the smoothest ride.

OPERATION

The stairlift includes a “**soft-start**” feature which prevents the unit from moving abruptly the instant the UP/DOWN switch is pressed.

Press and hold the switch for a moment to begin the gentle acceleration of the stairlift to operating speed.

Depressing and holding the rocker switch will cause the carriage to move until the carriage stops automatically at the upper or lower end of the stair rail, or until the switch is released.

STANDARD SWIVEL SEAT

1. Position yourself in the seat.
2. Fasten the positioning belt.
3. Raise and hold the seat swivel lever.
4. Rotate the seat so that you are at right angles to the rail (with your back to the stairway wall).
5. Release the seat swivel lever to secure the seat in that position.
A safety switch prevents operation of the stairlift unless the seat is locked in position at right angles to the rail (the “riding” position).
6. Position both feet securely on the footrest and place your arms on the armrest cushions.
7. Press and hold the rocker switch (located on the front edge of one of the armrests) to travel UP / DOWN the rail.

OPERATION

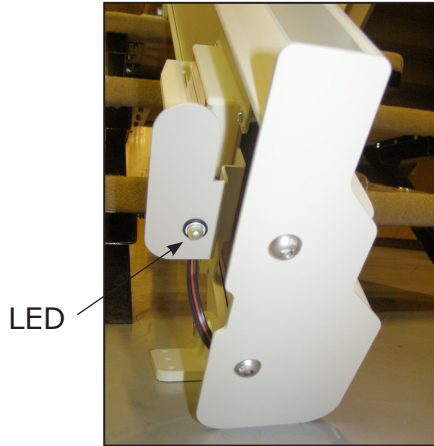
Two (2) remote call / send transmitters enable you to move the carriage to or from either end of the stair rail.

8. Once you have reached the top or bottom landing, release the rocker switch.
9. Raise and hold the seat swivel lever as you rotate to the position for transferring from the seat.
10. Release the seat swivel lever and allow the seat to lock in this position.
11. Unbuckle the positioning belt and carefully exit the seat.

DIAGNOSTIC CODES (UNDER SEAT)

A2	Seat in UP Position (Seat Fold Switch Closed)
A3	Seat Out of Riding Position (Swivel Limit Open)
A6	Seat Jammed (Actuator Stalled)
A7	Footrest Jammed (Actuator Stalled)
C1	Charging
C2	Off Charge
C3	Off Charge and Not Parked
C4	Parked and Charger Not Detected
C5	Battery Voltage Critical
C6	Battery Voltage Low
L1	Seat Safety Switch Open
L2	Up Limit Switch Open
L3	Down Limit Switch Open
L6	Mid-Rail Park Active
L8	Soft Stop Switch

CHARGING



glowing LED = charging

Keep the batteries charged to ensure optimal operation of your stairlift.

The batteries are charging whenever the carriage is parked tightly against the brackets at either end of the rail. Whenever the carriage does not contact the upper or lower charge bracket, the batteries will slowly discharge.

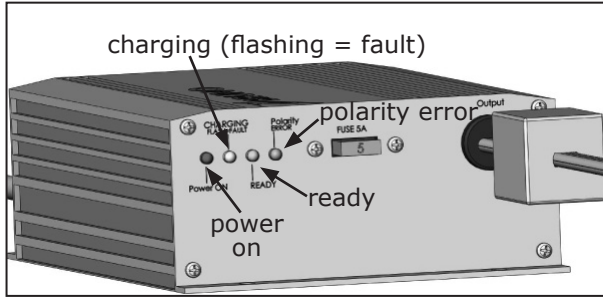
Failure to keep the batteries charged, or allowing them to fully discharge, will significantly shorten the life of the batteries.

Therefore, when the stairlift is not in use, park the carriage at either end of the rail, making sure it touches the charge bracket contacts.

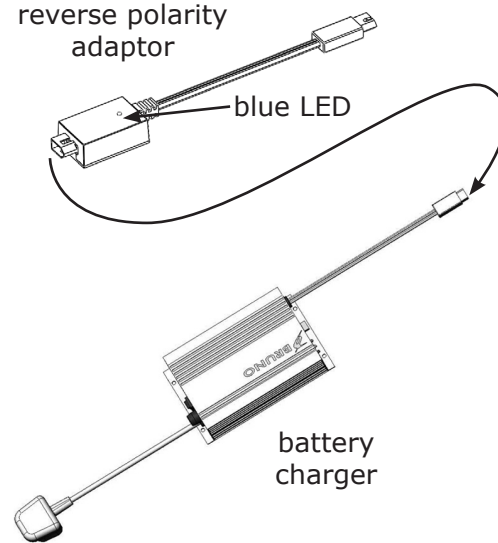
The yellow LED light on the upper and lower charge brackets glows when the carriage is correctly parked against the contacts.

If your application prevents parking the carriage at one or the other end of the stairs (for example, a door at the top of the stairs), **ALWAYS** use the call/send transmitter to move the carriage to the end of the rail where the carriage *can* contact the charge bracket. Using the transmitter, call it back to the other end of the stairs when needed.

BATTERY CHARGER LED'S



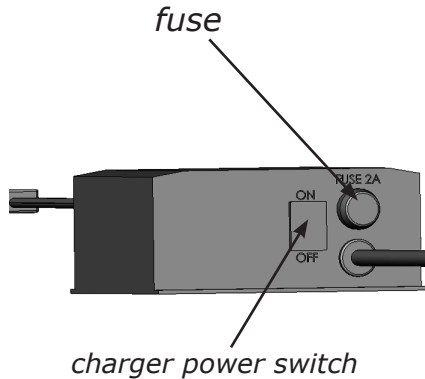
The blue polarity LED may be located on the reverse polarity adaptor (see right) rather than on the battery charger as shown here.



6) LED indicators (status and color):

STATUS	RED	YELLOW	GREEN	blue	COMMENT
AC Power On without any battery connected	ON	ON (< 1 sec.) OFF	OFF	OFF	Charger has not been connected to any batteries.
AC Power On Event battery disconnect	ON (< 5 sec.) ON ON	ON (< 5 sec.) OFF OFF	ON (< 5 sec.) BLINK (5 sec.) OFF	OFF	This feature detects any battery disconnect situation and has a 5 sec. delay until yellow & green are completely off.
Bulk Charge (Constant current)	ON	ON	OFF	OFF	At this stage the charger is delivering max current (2.2 A)
Constant Voltage	ON	ON	OFF	OFF	At this stage the charger has reached maximum voltage and current continues to drop.
Float Charge	ON	OFF	ON	OFF	At this stage batteries are fully charged. The Yellow LED turns occasionally off.
Abnormal Conditions:				OFF	
Low Voltage Indication	ON	BLINKS ALTERNATELY	BLINKS ALTERNATELY		This feature indicates that the battery voltage is not climbing to acceptable level
Bad Battery/Sulfation	BLINKS ALTERNATELY	BLINKS ALTERNATELY	OFF		This feature indicates that the batteries are heavily sulfated or defective.
Bad contact / Partial battery sulfation	ON	OFF	FAST BLINK		This feature indicates a partially open circuit. Bad contact or battery sulfation
Battery connector reverse				ON	

BATTERY CHARGER FUSE REPLACEMENT



If the charger is subject to a power line surge, the AC input fuse may blow. Refer to the illustration to the left for fuse location.

To replace fuse:

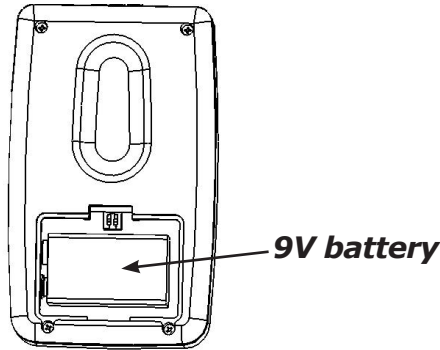
1. Turn OFF the battery charger power switch.
2. Remove power cord from wall outlet.
3. Twist the fuseholder cap and pull out to remove the fuse.
4. Replace with the same size and type fuse: (Bussmann GMD-2A or equivalent) 2A, Slo-Blow, 5 x 20mm.

MAINTENANCE

Your stairlift is designed to provide many years of reliable service with minimal maintenance.

For best service life:

- Keep the rail channel clean and free of debris.
- Always park the carriage at one end of the rail so that the batteries charge when the stairlift is not in use.
- Keep the battery charger plugged into a live outlet at all times.
- **At least once a year**, have the stairlift examined, cleaned and lubricated by a qualified, authorized Homeadapt dealer.



back of transmitter
with battery access
cover removed

TRANSMITTER BATTERY REPLACEMENT

- Detach the transmitter from the wall.
- From the *back* of the transmitter, remove the battery access cover.
- Remove the old battery and replace with a new one.
One 9V battery required. Change batteries annually.
- Put the access cover back on the transmitter.
- Reposition the transmitter on the wall.

TROUBLESHOOTING

Your stairlift is not operating correctly. What should you do?

Before calling Homeadapt, refer to the solutions listed below. This could save you an unnecessary service call!

- **Seat swivel.** Is the seat locked in the riding position?
- **Footrest.** Is there an obstruction on the stairway that the footrest is contacting?
- **Carriage safety panels.** Is there an obstruction on the stairway that the carriage safety panels are contacting?
- **Main circuit breaker (or fuse) panel of residence.** Has a breaker tripped or a fuse blown?
- **Battery charger.** A discharged battery will cause the carriage to move more slowly until the voltage drops to the point where the controller will shut off. If this should occur, pause for a moment, then run the carriage down until the unit contacts the upper or lower charge bracket.
Partially charged batteries will run the carriage down, but not up.

Continued on next page.

TROUBLESHOOTING (CONTINUED)

- **Battery charger (continued).** Confirm that the charger is plugged into a live outlet and wait for the batteries to charge.
Is the charger plugged into a functional outlet? *Do not use outlets which are controlled by a wall switch.*
Is the red power light on?
- **Visual check.** Do you notice anything about your stairlift that is different or out of place?

If your stairlift continues to function improperly or not at all after completing the preceding checklist, contact Homeadapt to perform all required service, repair and maintenance operations.

VACATION AND LONG-TERM STORAGE

If the stairlift will remain unused for an extended period of time, turn off the circuit breaker (ON/OFF switch on the carriage), turn off the battery charger power switch (if equipped) and unplug the charger from the wall outlet.

The batteries may require recharging before normal use if the elevator remained in the OFF position for an extended period of time. To recharge, turn on the circuit breaker, reconnect the charger to the wall outlet, and turn on the battery charger power switch (if equipped). Then wait until the charger LED's indicate that the batteries are fully recharged.

HOMEADAPT GOLD LIMITED WARRANTY FOR STAIRLIFT 5 Years Major Components — 2 Year Parts

Homeadapt is so confident in our USA designed and built units that we provide every original buyer with the following “Industry Leading” warranty for your peace of mind.

The quality of parts we use and the care our employees take allow Homeadapt to provide the original buyer of its Homeadapt Stairlift with a **2-year warranty** that all parts are free of defects in material and workmanship.

Because of the reliability found in Homeadapt’s Stairlift product Homeadapt is able to provide the original buyer with an extended **5-year warranty** of the Major Components of the product, to include the motor/gearbox drive train and rail system. Homeadapt’s warranty periods begin with **the date of the installation** of the Homeadapt Stairlift.

Homeadapt Authorized Dealers are trained to evaluate your unique situation and then install the best Homeadapt product to meet your needs. The trained installation and service technicians employed by Homeadapt Authorized Dealers have the appropriate equipment and resources needed to correctly install and maintain your new stairlift and are the first contact for any warranty or service needs.

SPECIFICS OF THE WARRANTY COVERAGE:

- ◇ All Parts are free of defects in material and workmanship for a period of two years after the date of installation.
- ◇ All MAJOR COMPONENTS are free of defects in material and workmanship for a period of five years after the date of installation.
- ◇ All labor to address any product defect by a Homeadapt Authorized Dealer is covered for the first 30 days after installation.

WHAT IS NOT WARRANTY COVERAGE:

- ◇ Damage to units caused by misuse, abuse, accidents, neglect or modifications NOT made by a Homeadapt Authorized Dealer.
- ◇ Consumable items such as remote batteries.
- ◇ All labor by a Homeadapt Authorized Dealer after the first 30 days since installation.
- ◇ Reasonable wear and tear.

ADDITIONAL NOTES:

All Service and Warranty issues are handled through the Homeadapt Authorized Dealer that installed the unit.

- ◇ In no event shall Homeadapt be responsible for indirect, incidental or consequential damages, whether such damages arise based on claims based on contract, warranty, tort (including negligence, strict liability or product liability).
- ◇ Homeadapt reserves the right to replace, repair or, if not commercially practical and/or feasible, to elect to refund the purchase price at its sole discretion.
- ◇ This warranty gives the original buyer specific legal rights, and you may also have other rights which vary from state to state. Homeadapt specifically does not authorize any person to extend the time or scope of this warranty.

For further information regarding this limited warranty, please contact Homeadapt by calling 0151 559 0732 or writing to Homeadapt at the following address:

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P/N 2110G-O