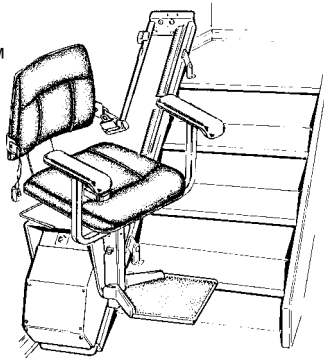


BRUNO®

INDEPENDENT LIVING AIDS

ISO 9001 CERTIFIED

SRE-1540
ELECTRA-RIDE™
STAIRWAY
ELEVATOR



www.bruno.com

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TEL.: (262) 567-4990 FAX: (262) 953-5501

Toll free number valid throughout the U.S. and Canada

Bruno invites your calls at:

1-800-882-8183

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Technical Service fax: 262-953-5503

DEALER:

SAFETY AND OPERATING
INSTRUCTIONS

SRE-1540 UL
REVISED 04-22-2004

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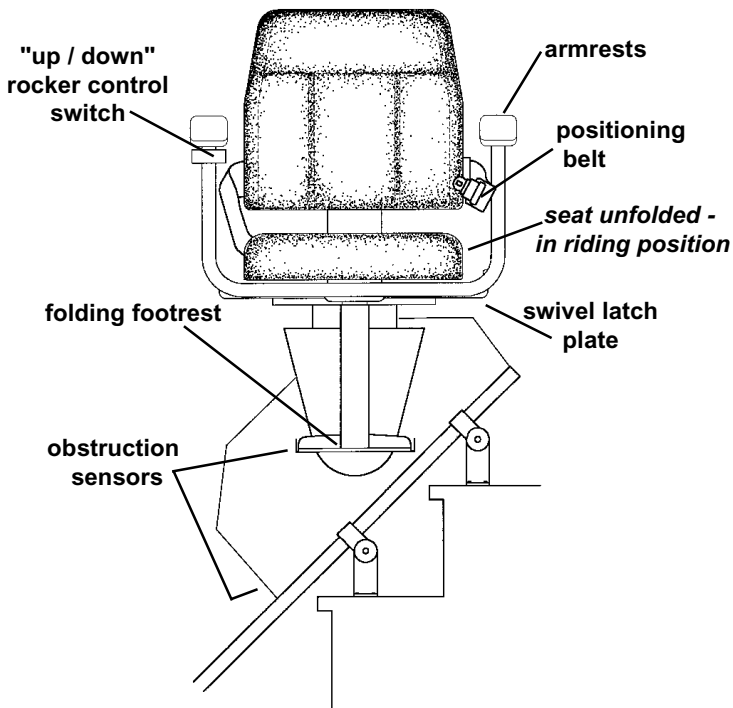
Thank you for purchasing a Bruno Electra-Ride™ Stairway Elevator. We are confident it will enhance your mobility throughout years of dependable service.

To gain a thorough understanding of the SRE-1540, take a few minutes to familiarize yourself with the contents of this owner's manual. Also, take advantage of the training provided by your dealer/installer. While s/he demonstrates the correct and safe operation of the Electra-Ride™, be sure to take several trial runs on the unit while the dealer/installer is still on site. This will allow you to resolve any uncertainties, and be able to operate the unit safely and with confidence.

Finally, review the warranty with your dealer (or a representative). Sign and date the product registration form and then send it to our Oconomowoc, Wisconsin address.

Best wishes from the Bruno Team!

SRE-1540 ELECTRA-RIDE™



SPECIFICATIONS

Weight Capacity: 350 lbs. (159 kg)

**Variable Speed: 0 to 38 feet per minute
(0 to 12 m/mn)**

Power Source: two (2) 12-volt, sealed, maintenance-free batteries with 24-volt continuous-duty charger

Motor: 24 VDC, 2- pole, 1.02 hp

Drive: self-locking gearbox, rack and pinion drive

Control: constant pressure (armrest and 2 remotes)

Brake: self-locking worm gear

Maximum incline: 45 degrees

Rail: steel channel with integral drive gear rack

Seat Swivel: 0, 45, and 90 degrees, both directions, at top and bottom

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

SEATING

The seat assembly on the SRE-1540 is designed to swivel 180 degrees (with standard armrests) and to lock in five (5) positions:

0, 45, 90, 135, and 180 degrees.

Lifting up on swivel lever on either side of the seat allows you 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 five positions indicated above.

To lower the seat assembly from a folded-up position, simply slide and hold the seat release lever toward the center of the seat cushion while lowering the seat to the riding position.

FOR YOUR SAFETY

Each stairway elevator is designed to descend the stairway at a slightly slower speed than is the case when going UP. The maximum speed of the carriage can be adjusted by your installer or by following the procedure outlined in the installation manual.

The footrest and carriage incorporate *obstruction sensors* which will 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 to run the carriage in the opposite direction. Clear the obstacle from the stairway or rail and proceed as usual.

Your SRE-1540 is battery powered and will continue to operate for some time during a power outage. The length of operation will depend on the condition of the batteries, 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 with the toggle switch on the rear of the carriage and unplug charger from wall outlet to conserve battery charge.

Remember:

- **Be sure stairs are clear of objects before operating the stairway elevator.**
- **Avoid carrying items which could impair travel.**
- **Do not wear LOOSE clothing that could interfere with travel.**
- **Fasten your positioning belt before operating the stairway elevator.**
- **Make sure the seat is locked in the correct riding position (up / down travel).**
- **Be certain seat swivel is locked in one of the five positions (0, 45, 90, 135 or 180 degrees) before attempting entry or exit.**

OPERATION

Review the functions and location of all controls on your SRE-1540 with your dealer/installer.

Any question you may have is important--please ask!

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 SRE-1540 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.

The UP / DOWN rocker switch is located on the front edge of one of the armrests (usually the right one). Depressing and holding one end of the rocker switch will cause the carriage to move in that direction until the carriage stops automatically at the upper or lower end of the stair rail, or until the switch is released.

Your SRE-1540 includes a "soft-start" feature which prevents the unit from moving abruptly the instant the switch is depressed. The switch must be depressed and held for a moment before the carriage gently accelerates to operating speed.

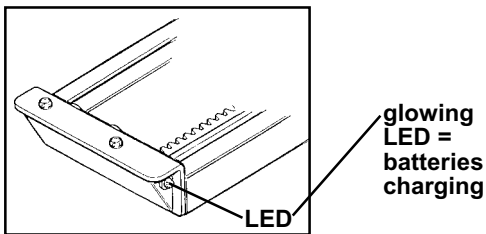
Two (2) remote call / send transmitters enable you to move the carriage to or from either end of the stair rail. Mount the call / send units using provided hardware in a convenient location at the upper and lower ends of the stairs.

Three (3) AAA batteries are required. For battery replacement, see the Maintenance section.

BATTERIES AND BATTERY CHARGER

It is important to keep the batteries charged to ensure optimal operation of your SRE-1540. The batteries are charging whenever the carriage is parked tightly against the brackets at either end of the rail. Whenever the carriage does not engage the the upper or lower charge bracket, the batteries will slowly discharge. Failure to keep the batteries charged or allowing them to discharge fully will significantly shorten the life of the batteries.

Therefore, when the stairway elevator is not in use, the carriage **MUST** be parked at either end of the rail (i.e., must engage the charge contacts) to keep the batteries charged and ready for use.



The yellow LED light on the upper and lower charge brackets (see illustration above) glows when the carriage is correctly parked against these charge 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. Call it back to the other end of the stairs when needed.

The battery charger is designed to keep the batteries fully charged without overcharging them. Leave the charger ON during normal use. Allowing the batteries to fully discharge will require a service call and may require battery replacement.

Lights on the battery *charger* indicate that it is working correctly and show the state of charge of the batteries.

*RED LED `ON' = AC Power on (power cord plugged in)

*CONTINUOUS YELLOW LED = Batteries charging

*FLASHING YELLOW LED = Batteries are 80% charged

*CONTINUOUS GREEN LED = Batteries in "charge completing" mode (or float/standby condition)

**FLASHING GREEN LED* = Possible battery fault detected after battery has failed to reach the end of the first stage of charging (continuous yellow LED) after approx. 18 hours.

Consult an authorized Bruno dealer.

MAINTENANCE

Your SRE-1540 Electra-Ride™ Stairway Elevator is designed to provide many years of reliable service with minimal maintenance.

For best service life, observe the following:

- 1. Keep the stair rail channel clean and free of debris.***
- 2. Always park the carriage at one end of the rail so that the batteries charge when not in use.***
- 3. Keep the battery charger plugged into a live outlet at all times.***
- 4. At least once a year, have components such as poly V-belts examined, cleaned and lubricated by a qualified service technician.***

Refer to the Yearly Maintenance Operations list in the installation manual.

Transmitter Battery Replacement

To replace the batteries in the call/send transmitter, detach the transmitter from the wall and remove the back cover with a coin or screwdriver. Three AAA batteries required.

Circuit Breaker

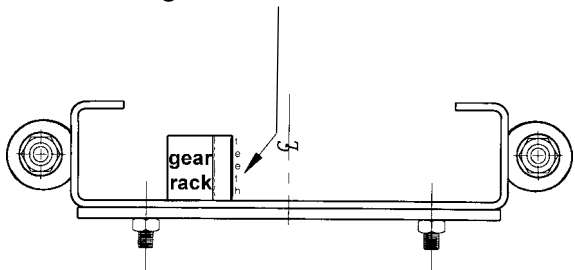
The on/off switch is built into the circuit breaker located on the back side of the carriage. It is provided to protect the battery / controller / motor circuits in the stairway elevator carriage.

It is unlikely that this circuit breaker will ever trip in normal use. However, if the elevator becomes inoperative, check the circuit breaker and reset it if necessary. If the circuit breaker trips, troubleshoot to determine the cause, then taken the appropriate corrective action.

Refer to the Troubleshooting section in the installation manual.

LUBRICATION

Apply a thin coating of white lithium grease to the gear rack *TEETH ONLY*.



1 TUBE PER 16-FOOT UNIT

NOTE: These instructions apply to carriages with *nylon wheels*. If you are lubricating a carriage with **steel wheels**, apply the grease to the rail *and* the gear rack teeth.

TROUBLESHOOTING

BEFORE CALLING YOUR BRUNO DEALER - PLEASE REFER TO THE CHECKLIST BELOW. YOU MAY PREVENT AN UNNECESSARY SERVICE CALL!

Check swivel seat.

Is seat locked in riding position?

Check footrest.

Is there an obstruction on the stairway?

Check carriage safety panels.

Is there an obstruction on the stairway?

Check residence main circuit breaker (or fuse) panel.

Has a breaker tripped or a fuse blown?

Check battery charger.

A discharged battery will cause the carriage to move more slowly until the voltage drops to point where the controller will shut off.

If this should occur, pause for a moment, then run the carriage down until the

TROUBLESHOOTING

Check battery charger (con't.)

unit contacts the upper or lower charge bracket. (Partially charged batteries will run the carriage down, but not up).

Confirm that the charger is plugged into a live outlet and wait for the batteries to charge.

*Is charger plugged into a functional outlet?
Do not use outlets which are controlled by a wall switch.*

Is red power light ON?

Make a visual check.

Do you notice anything about your stairway elevator that is different or out of place?

Stairway elevator will not operate after completing the above checklist.

Contact a Bruno dealer to perform all required service, repair and maintenance.

VACATION / LONG TERM STORAGE

If the SRE-1540 will remain unused for an extended period of time, turn off the circuit breaker *first*, then unplug the battery charger from the wall outlet.

IMPORTANT: DO NOT unplug the charger from the wall outlet without first turning off the circuit breaker. Unplugging the charger **BEFORE** turning off the circuit breaker will result in battery discharge or premature battery failure.

When you are ready to use the SRE-1540 once again, first turn on the circuit breaker, then plug the battery charger back into the wall outlet.

NOTE: The batteries may require recharging before normal use if the stairway elevator remained unused for an extended period of time.

To recharge, simply turn on the circuit breaker, reconnect the charger to the wall outlet and wait until the charger LED's indicate that the batteries are fully recharged.

FIVE YEAR MAJOR COMPONENTS WARRANTY TWO YEAR LIMITED WARRANTY for Bruno Stairlifts

Bruno Independent Living Aids, Inc. (“Bruno”), warrants to the original purchaser of a Bruno Stairlift that the Bruno Stairlift is free from defects in material and workmanship for a period of two years from date of purchase. In addition, Bruno warrants that the motor, gearbox and rail (the “Major Components”) will be free from defects in materials and workmanship for a period of five years from the date of purchase.

The exclusive remedy for a defect in a Bruno Stairlift shall be the repair or replacement, at the option of Bruno, of the defective part or component. After the first 30 days of this warranty, only parts and components are covered. This warranty does not cover labor and other services after the initial 30 days. If repair or replacement of a Bruno Stairlift is not commercially practical or cannot be timely made, Bruno may elect to refund the purchase price of the Bruno Stairlift instead of repairing or replacing the Bruno Stairlift.

IN NO EVENT SHALL BRUNO BE RESPONSIBLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER SUCH DAMAGES ARISE FROM CLAIMS BASED ON CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR PRODUCT LIABILITY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

ALL IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN THEIR DURATION TO THE LENGTH OF THE WARRANTY STATED ABOVE FOR THE AFFECTED COMPONENT. Some states do not allow limitations on how long an implied warranty lasts so the above limitation may not apply to you.

To obtain warranty service, you must follow these procedures:

1. Obtain return authorization by calling your local Bruno dealer or Bruno at 1-800-882-8768;
2. Return the Bruno Stairlift, freight prepaid, to the address provided by your Bruno dealer or Bruno with proof of purchase indicating the date purchased.

Bruno will pay for shipping back to the purchaser within the continental United States and Canada if a defect in material or workmanship is discovered. Return freight and repair charges will be the responsibility of the purchaser if the problem is not covered by warranty.

This warranty does not cover damage or failure caused by misuse, abuse, accidents, physical damage, modifications not made by Bruno, damage in shipment, or repairs undertaken by anyone other than Bruno factory employees or authorized distributors. The “original purchaser” of a Bruno Stairlift that is leased or rented shall be the person or entity acting as the lessee or rental provider.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Bruno specifically does not authorize any person to extend the time or scope of this warranty.

For further information regarding this limited warranty, please contact Bruno by calling 1-800-882-8768 or writing to Bruno at the following address:

Bruno Independent Living Aids, Inc.
Attention: Service Department
1780 Executive Drive, P.O. Box 84
Oconomowoc, WI 53066 USA