

I. INTRODUCTION

The RICON Keychain Radio Remote Control System provides handheld, wireless control of wheelchair lifts and power door operators. It can be operated by a person in a wheelchair or by an attendant. The system consists of a receiver with antenna, a keychain transmitter, and a wiring harness. The signal sent from each transmitter is encoded with one of approximately one million identifying signals. Encoding greatly reduces the possibility that other transmitters will interfere with your system

This manual contains installation, service, and maintenance instructions for the Keychain Radio Remote Control System. The installation instructions must be followed exactly; no steps should be eliminated nor should product be modified. It is important to user safety that installation is thorough and correct.

It is equally important that Ricon sales/service staff be completely familiar with the Operating Instructions chapter of the operator manual to demonstrate and explain proper product use. Once the receiver is installed, it is very important that it be properly maintained by following Ricon inspection instructions. Be sure customer receives this material.

If there are questions about this manual, or additional copies are needed, please contact Ricon Product Support at the following locations:

Ricon Corporation
7900 Nelson Road
Panorama City, CA 91402 (818) 267-3000
Outside (818) Area Code (800) 322-2884
World Wide Websitewww.riconcorp.com

Ricon U.K. Ltd.
Littlemoss Business Park, Littlemoss Road
Droylsden, Manchester
United Kingdom, M43 7EF (+44) 161 301 6000

A. RICON ONE-YEAR LIMITED WARRANTY (refer to following page)

RICON CORPORATION ONE-YEAR LIMITED WARRANTY

Ricon Corporation (Ricon) warrants to the original purchaser of this product that Ricon will repair or replace at its option any parts that fail by reason of defective material or workmanship as follows:

- Repair or replace parts for a period of one year from date of purchase. A complete list of parts covered by this warranty can be obtained from a Ricon authorized dealer.

If You Need to Return a Product: Return this Ricon product to your installing dealer. Please give as much advance notice as possible, and allow a reasonable amount of time for repairs.

If You are Traveling: All authorized Ricon dealers honor this warranty. Consult a telephone directory or call our Product Support department for the name of the nearest authorized Ricon dealer.

This Warranty does not Cover:

- Labor or service charges (these may be covered separately by the installing dealer).
- Malfunction or damage to product parts caused by accident, misuse, lack of proper maintenance, neglect, improper adjustment, modification, alteration, the mechanical condition of vehicle, road hazards, overloading, failure to follow operating instructions, or acts of Nature (i.e., weather, lightning, flood).

Note: Ricon recommends that this product be inspected by an authorized Ricon service technician at least once every six months, or sooner if necessary. Any required maintenance should be performed at that time.



WARNING!

**THIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED TO EXACT SPECIFICATIONS.
MODIFICATION OF THIS PRODUCT IN ANY RESPECT CAN BE DANGEROUS.**

This Warranty is Void if:

- The product has been installed or maintained by someone other than an authorized Ricon service technician.
- The product has been modified or altered in any respect from its original design without written authorization by Ricon.

Ricon disclaims liability for any personal injury or property damage that results from operation of a Ricon product that has been modified from the original Ricon design. No person or company is authorized to change the design of this Ricon product without written authorization by Ricon.

Ricon's obligation under this warranty is exclusively limited to the repair or exchange of parts that fail within the applicable warranty period.

Ricon assumes no responsibility for expenses or damages, including incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply.

Important: The warranty registration card must be completed and returned to Ricon within 20 days after installation of this Ricon product for the warranty to be valid. The warranty is not transferable.

The warranty gives specific legal rights, and there may be other rights that vary from state to state.

B. SHIPMENT INFORMATION

Ricon does not sell directly to the user because of the specialized nature of this product. The product is distributed through a worldwide network of authorized Ricon dealers who perform actual installation.

- When the product is received, unpack it and check for freight damage. Claims for any damage should be made to freight carrier immediately.
- Be sure installation kit contains all items listed on kit packing list. Please report any missing items immediately to Ricon Product Support. The warranty and owner's registration cards must be completed and returned to Ricon within 20 days for the warranty to be valid.

NOTE: The Sales/Service Personnel must review Warranty and this Owner Manual with user to be certain that they understand safe operation of product. Instruct the user to follow operating instructions without exception.

C. GENERAL SAFETY PRECAUTIONS

The following general safety precautions must be followed during installation, operation, service and maintenance:

- Under no circumstances should installation, maintenance, repair, or adjustments be attempted without immediate presence of a person capable of rendering first aid.
- An injury, no matter how slight, must be attended to. Always administer first aid or seek medical attention immediately.
- Protective eye shields and appropriate clothing should be worn at all times.
- To avoid injury, always exercise caution when operating remote control and/or lift and be certain that hands, feet, legs, and clothing are not in path of any moving lift parts.
- Automotive batteries contain acid that can burn skin, clothing, etc. If battery acid comes in contact with skin, immediately flush affected area with water and wash with soap.
- Always work in a properly ventilated area. Do not smoke or use an open flame near battery.
- Do not lay anything on top of battery.
- Be careful when drilling a hole into any part of vehicle to avoid damage to unseen components. Examples of components that could be damaged are vehicle frame or subframes, electrical wiring, fuel lines, hydraulic lines and fuel tank.
- Read and understand operating instructions before attempting to operate remote control and/or lift.
- Inspect vehicle lift before operating remote control. Do not use lift if an unsafe condition, unusual noises or movements exist.
- Stand clear of vehicle doors and platform during operation of lift, and keep others clear also.
- Never load or stand on lift platform while operating remote control system until lift installation is verified.
- Use care when routing and connecting wires. Loose or frayed wires can result in fires, power failure or incorrect system operation.
- Do not bypass safety wiring. Install safety wires in accordance with instructions to ensure safe operation.
- Do not install receiver in hot locations. This component can be damaged by temperatures in excess of 160° F.
- Do not install receiver in high vibration areas. The life of this component may be shortened through long exposure to intense vibration.
- Do not install receiver in areas where water or contaminants can enter receiver enclosure. Exposure to liquids or any caustic material may cause component to malfunction. Dry component immediately if liquid contacts it.
- Check area around lift for objects that could interfere with lift operation before activating remote control. Do not activate system unless operator can clearly see that it is safe to do so.
- Turn off receiver power before working on system. Always disconnect remote system before doing system maintenance to prevent unintentional operation of wheelchair lift or accessories.
- Note presence of nearby vehicles that may have Keychain Radio controlled components. Unintentional operation of another lift is improbable due to short operating range of remote transmitter and the use of security codes. However, if another system does have same code as yours and both vehicles are in close proximity, both systems could be activated by either transmitter.

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