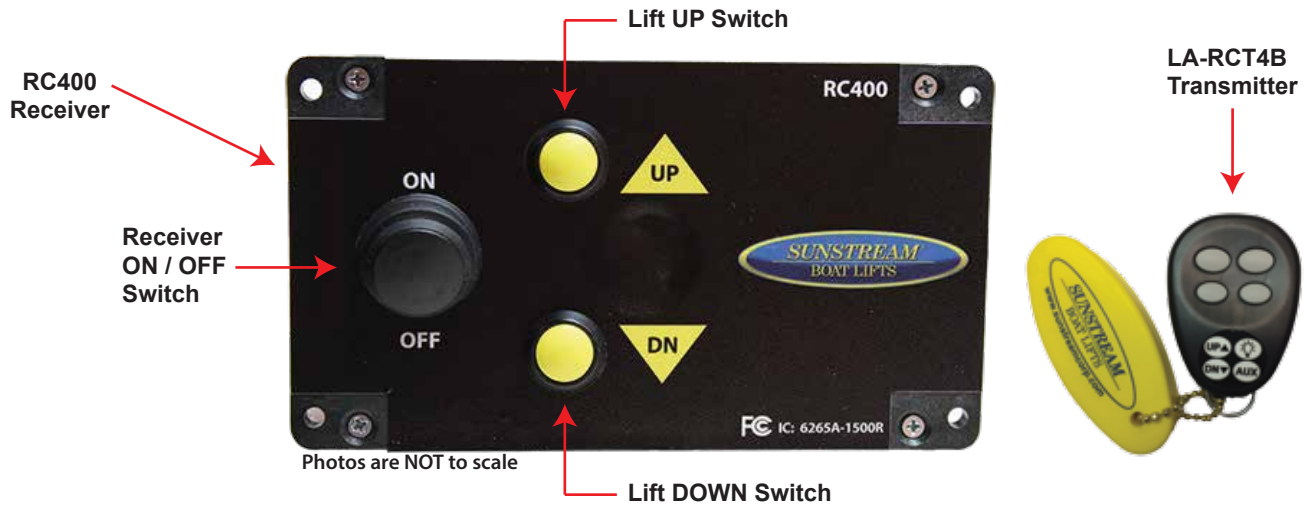


# RC400

BOAT LIFT REMOTE-CONTROL INSTRUCTION MANUAL



Call Factory For Manual and Accessory updates.



### WARNING:

Only operate the lift when in clear sight of moving parts. Keep people away from moving parts.



### CAUTION:

Always leave your lift in the fully up and over-center position. For additional safety, secure your boat with dock line.

**NOTICE:** RC400 is only to be used on Sunstream SunLift and FloatLift models, and is not to be used for other purposes. Opening enclosure voids warranty.

## RC400 Remote Control Basic Instructions

### Add (Enroll) Transmitter:

Turn RC400 Power Switch to ON

Press any button on transmitter (within first 5-seconds of turning Power ON)

Press any button 1-3 to check proper enrollment

Note: ONLY 3 transmitters can be enrolled into the receiver at one time. The first transmitter enrolled will be the first dropped when enrolling a fourth transmitter.

The RC400 accepts Sunstream LA-RCT4B transmitter which is sealed. Previous transmitters are not compatible with the RC400 system.

### Transmitter (FOB) Operation:

Button 1: Lift UP (momentary)

Button 2: Light On / Off (latching, timed 5-minutes)

Button 3: Lift DOWN (momentary)

Button 4: Not Used

Btn 1 - UP

Btn 3 - DN

Btn 2 - LIGHT

Btn 4  
Not Used



LA-RCT4B Transmitter

### Receiver Operation:

1. Turn Power Switch ON which activates the receiver power and logic circuits
2. Press and Hold UP or DOWN Switch to operate the lift

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### RC400 Remote Control Specifications

Dimensions	5.9" x 3.3" x 2.5"	Volts	12 Volts
Enclosure	Sealed	Max Amps	10 Amps
Transmitter	Sealed	Transmitter Battery	CR2032 (3V)
Trans Compatibility	LA-RCT4B	Lights Output	Max 500mA with auto-reset breaker
RF Frequency	433.92MHz	Lights Voltage	12 Volts

### RC400 Remote Control Accessories

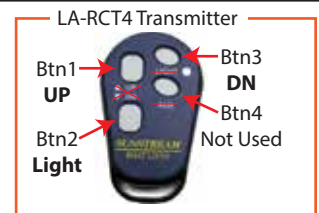
LA-RCH4	Hands-free Controller	When docking or departing, keep your head up and hands on the wheel and throttle with this foot control for UP & DN
LA-LP2	Light Package	LED ring for underwater or dock. Activated with transmitter
Future	Boat House Safety Control	Control your boat house garage door with AUX button of transmitter. A limit switch is designed to prevent lift from opening if door is not open.

### RC400 Remote Control Trouble Shooting

Issue:	Solution:
No Power. Lift does not operate with keypad or transmitter	<ul style="list-style-type: none"> <li>- Check Battery</li> <li>- Verify receiver ON / OFF switch is in ON position</li> <li>- Check fuse in hydraulic pump wire harness</li> <li>- Check battery voltage Voltage should be 11.6 VDC or higher</li> </ul>
No lift operation with transmitter, but works with switch on receiver	<ul style="list-style-type: none"> <li>- If low voltage, charge battery</li> <li>- Enroll transmitter using Add Transmitter instructions</li> </ul>
Battery drains in Solar mode	<ul style="list-style-type: none"> <li>- Verify lift is not being overused for the number of solar panels connected</li> <li>- Verify sun has direct contact with solar panel for maximum number of hours</li> <li>- Clean solar panel</li> </ul>
Transmitter has limited range	<ul style="list-style-type: none"> <li>- Reposition antenna away from electric motor or any metal inside box</li> <li>- Try touching transmitter to your chin while operating (yes, it works!)</li> </ul>

### RC400 Remote Control Installation (if not installed @ factory)

The RC400 is compatible for lifts that use the previous **RC306**, however, the transmitters are **NOT** interchangeable. The RC400 is compatible for lifts that use the **RC308** but the LA-RCT4 transmitter will respond with a different button configuration.



1. Connect RC400 to hydraulic pump 6-pin connector wire harness
  2. Attach RC400 to reservoir of hydraulic pump with included Velcro strips (except for dual pump models)
  3. Position receiver antenna away from hydraulic pump's electric motor and verify it is NOT touching any metal.
- Note: For metal powerpack boxes, or if powerpack is located in a metal enclosure, call factory for special RC400 with an extended antenna.

### Lights Plug

Optional underwater or Dock LED lights are available for SunLifts™ and FloatLifts™ (LA-LP2), and connect directly to the blunt cut blue wire on the RC400 receiver. The lights are controlled with button #2 on the transmitter and will latch ON for 5-minutes max unless the #2 button is pressed a second time. Do not exceed 500mA (protected by an auto-reset circuit breaker).

# RC400

## BOAT LIFT REMOTE-CONTROL INSTRUCTION MANUAL



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**FCC Compliance and Advisory Statement.** This hardware device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed or 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 following measures: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulations.

**Canadian DOC Statement.** This digital device does not exceed the Class B limits for radio noise emissions from digital apparatus specified in the interference-causing equipment standard entitled "Digital Apparatus," ICES-003 of the Department of Communications.

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

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**Déclaration FCC.** Cet équipement a été testé et déclaré conforme à la section 15 du règlement de la FCC. Son fonctionnement est soumis aux conditions suivantes: 1) l'équipement concerné ne doit pas causer d'interférences dangereuses, et 2) il doit accepter toute interférence reçue, y compris les interférences risquant d'engendrer un fonctionnement indésirable. Cet équipement a été testé et déclaré conforme aux limitations prévues dans le cadre de la catégorie B des appareils numériques défini par la section 15 du règlement de la FCC. Ces limitations sont stipulées aux fins de garantir une protection raisonnable contre les interférences gênantes en installation résidentielle. Cet équipement génère, utilise et diffuse des ondes radio, et s'il n'est pas installé ni utilisé en conformité avec les instructions dont il fait l'objet, peut causer des interférences gênantes avec les communications radio. Cependant, nous ne pouvons vous garantir qu'une interférence ne se produira pas dans une installation particulière. Si cet équipement produit des interférences graves lors de réceptions radio ou télévisées qui peuvent être détectées en allumant et en éteignant l'équipement, vous êtes invités à les supprimer de plusieurs manières: 1) Réorienter ou déplacer l'antenne de réception; 2) Augmenter la distance séparant l'équipement et le récepteur 3) Connecter l'équipement à un circuit différent de celui auquel le récepteur est connecté; 4) Contacter votre revendeur ou un technicien radio/TV qualifié. Toutes modifications ou tous changements effectués sans l'accord exprès de la partie responsable de la conformité aux normes pourraient contraindre l'utilisateur à ne plus utiliser son équipement. Afin d'assurer la conformité avec les règlements FCC, les câbles d'interface blindés fournis avec le produit doivent être utilisés, ainsi que tout autres composants ou accessoires également spécifiés, lors de l'installation du produit.

**Déclaration du Ministère des Communications Canadien.** Cet appareil numérique est conforme aux limitations concernant l'émission d'interférences radio par des appareils numériques de catégorie B, telles que stipulées dans le cadre de la norme Appareils numériques ICES-003 édictée par le Ministère canadien de l'industrie.

Cet équipement a été déclaré conforme à la norme RSS-210 édictée par le Ministère canadien de l'industrie. Son fonctionnement est soumis aux conditions suivantes: 1) l'équipement concerné ne doit pas causer d'interférences, et 2) il doit accepter toute interférence reçue, y compris les interférences risquant d'engendrer un fonctionnement indésirable.