

AUTO STOP SETUP INSTRUCTIONS

The Lift Tech Auto Stop unit is designed to automatically stop the lift at user defined upper and lower limits, preventing accidental over travel of the lift and any potential damage to the lift or boat itself. When the lift is commanded to go up and the lift reaches the upper limit, the lift will stop and will not allow any further upward travel. Likewise, when the lift is going down and the lower limit is hit, the lift will stop and not allow any further downward travel to occur.

If power is removed, the Lift Tech Auto Stop unit will remember the position limits, so when power is reapplied to the unit, it will function and limit as originally programmed.

CAUTION: If for some reason the motor is moved (by use of back up bit) the position limits are no longer valid and need to be reprogrammed. Failure to reprogram the unit under these conditions will result in improper operation.

The setup of the Lift Tech Auto Stop unit is as follows:

To set the top travel limit position:

Press the **UP** key until the lift moves to the desired upper limit position.

Press the **LOCK** key to define the upper position.

When one position is set, the Green LED will blink at a rate of 50%.

To set the bottom travel limit position:

Press the **DOWN** key until the lift moves to the desired lower limit position.

Press the **LOCK** key to define the lower position.

Note: the last movement of the lift will define which limit is set, so pressing the UP key and then LOCK will set the upper position. Pressing the DOWN key and the LOCK will set the lower position, regardless of the actual physical position of the lift.

Reset position limits sequence:

To clear position limits press the following key sequence: LOCK, LOCK, LIGHT. The key sequence need to be pressed within 5 seconds, otherwise the sequence is aborted. Once the sequence is accepted, the Green LED should go from solid on to a quick blink (10ms on for once a second).

Green LED Status Signals:

When both limits are cleared (undefined): Green LED blinks short pulse, on for 10ms once a second

When one end programmed: Green LED blinks rate of 50%, 0.5 seconds on, 0.5 seconds off

When both upper and lower limit positions are set, the Green LED will be solid on

AUTO STOP

All AC Remote Auto Stop systems will have a red and green L.E.D. light located next to the key switch.



1. The RED L.E.D. will continue to flash on and off while hooked up to AC power. This is normal.
2. When you first start to operate the system, the RED L.E.D. will stay on for about 2 seconds then go off. This is normal.
3. When operating the system in the up mode and the RED L.E.D. stays on, this means that the current limit has been reached and this will shorten the life of your system.
4. Call Lift Tech Marine for customer service to diagnose. 1-866-319-8877

DANGER—CAUTION

All power used on your dock or lift needs to be GFI protected at the shore line.