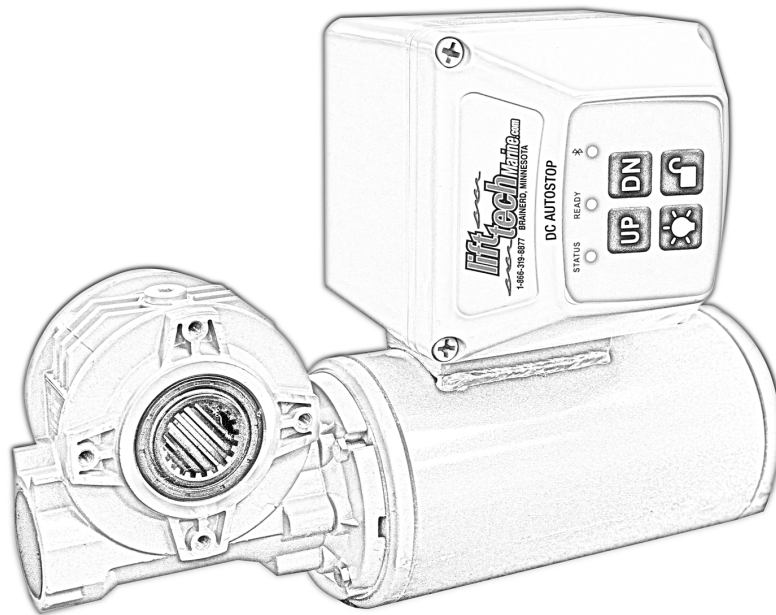


# ***DC AUTO STOP GEN 2 OWNERS MANUAL***



[WWW.LIFTTECHMARINE.COM](http://WWW.LIFTTECHMARINE.COM)

## **Autostop:**

To set or to change the Autostop positions please refer to the included Autostop manual.

## **Operating the DC Motor:**

When the lift is going “up” the gear head should be going clockwise. When the lift is going “down” the gear head should be going counterclockwise. If it’s the opposite direction this means your lift was let down too far and is backwound. To fix this, let the lift down, when it runs out of cable it will wind itself up correctly and start going up.

## **Control Panel:**

*The control panel works the same as the remote controls: press UP to go up, DN to go down, and the light button to turn the canopy light on or off. When plugged into power, the READY light will blink green and the Bluetooth symbol will blink blue; once a phone is paired via Bluetooth, the symbol turns solid blue. When the Autostop is set the READY light will be solid green. The STATUS light turns solid red whenever any button is pressed. To lock or unlock the control panel, hold the lock/unlock button until all LED lights blink together (about 10–15 seconds); when locked, the lights will blink briefly and then go out. To unlock, hold the button again until the lights stop blinking. When locked, the control panel and remotes will not function, and pressing any button will cause all three lights to flash; however, the Bluetooth app will still work. If the remotes work but the control panel doesn’t—or vice versa—unplug the unit from power for 2 minutes. **If the control panel is locked the 3 lights will flash when you press any button. If the lift will not move and the READY light is a solid green try clearing the Autostop settings.***

## **Remote Controls:**

If the remote controls stop working but the control panel still functions—or vice versa—simply unplug the motor from the battery for two minutes. If functionality returns afterward, it means the system entered a safety mode due to overcharged battery (or batteries).

## **Installation:**

The motor is engineered to be mounted either vertically or horizontally, depending on your lift brand. Installing it upside down can allow water to enter the motor and control box, leading to serious damage. Such installation will void your warranty.

## **Power Outage:**

In case of a power outage, use the provided back up bit (inside floatie) on the end of the shaft with your drill. Visit our website to watch a video on how to use the back up bit.

## **Power Requirements:**

This DC Motor can be 12 volts or 24 volts. If running 24 volts make sure to hook your batteries up in a series. We recommend 24 or 27 series deep cycle batteries. **Always disconnect power when lift is left unattended. Do not cover the motor in a plastic bag over the off season—it traps condensation and voids the warranty.**

## **Maintenance:**

Our motors are self-lubricating and do not need any maintenance. Solar Panels will evaporate water so make sure to check water levels in the battery to prevent battery damage and possible battery explosion. We recommend all solar panels use a charge regulator to prevent over charging.

## **Hard Cover For Added Protection:**

Some boat lifts with canopies may collect rainwater in the corners especially — above the motor. If you notice this happening during rainfall, we strongly recommend installing a hard plastic motor cover. This cover helps deflect water when it eventually spills over the canopy edge, keeping it from pouring directly onto the motor. While the motor is built to withstand rain, it’s not designed to handle a constant stream of water—like being under a faucet. Taking this precaution helps extend the life of your motor and maintain warranty coverage.

The Lift Tech Auto Stop unit is designed to automatically stop the lift at user defined upper and lower limits, preventing accidental over travel and any potential damage. 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 Auto Stop unit will remember the position limits, so there is no need to reprogram them. If you use the back up bit to move the motor you will need to clear the limit positions as they will now be in different spots.



### **GREEN LED LIGHT:**

When no limits are set the Green LED light will blink fast. When one limit is set the green led light will change to a brighter fuller blink. When both limits are set the Green LED light will stay solid. After you press the lock button to set one of the limits watch the Green LED light to make sure it changed. If it changed this means it has accepted the limit.

### **CONTROL PANEL:**

If the control panel is locked the motor will not move. See included instructions in owners manual.

### **TO SET THE TOP TRAVEL LIMIT POSITION:**

Press the UP button on the remote until the lift moves to the desired upper limit.  
Press the LOCK button on the remote to define the upper position.

**When one position is set, the Green LED will blink Brighter.**

### **TO SET THE BOTTOM TRAVEL LIMIT POSITION:**

Press the DOWN button on remote until the lift moves to the desired lower limit.  
Press the LOCK button on the remote to define the lower position.

**When both position are set, the Green LED will always be on.**

### **TO RESET POSITION LIMITS:**

To clear position limits press the following key sequence on the remote or control panel: LOCK, LOCK, LIGHT. Make sure to press the buttons firmly for 1-2 seconds. If it doesn't work, try it again this time slower. Once the sequence is accepted, the Green LED light will change from always on to a quick blink.

### **TROUBLESHOOTING TIPS:**


If your lift will not operate or go past a certain position try resetting the limits. We also have how to videos on our website. [www.lifttechmarine.com](http://www.lifttechmarine.com)

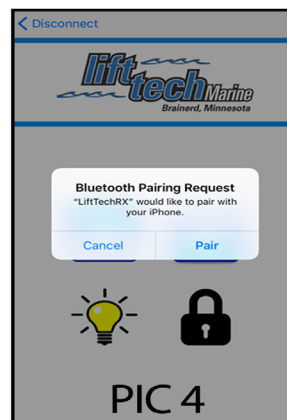
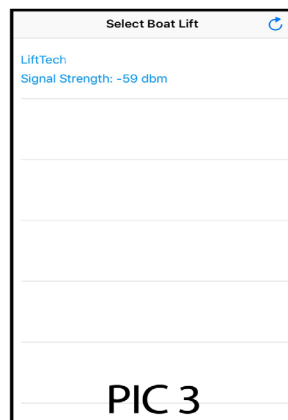
# CONNECTING TO IPHONE BY BLUETOOTH

\*If your neighbors have a Lift Tech Marine unit make sure they are not using their lift while you are programming.\* The app will not work if the Iphone has Dark Mode enabled.

1. Go to the App store and search for Lift Tech and download the app. Once the app is downloaded on your phone, open the app and continue.
2. To activate the Bluetooth pairing sequence hold the UP and DN buttons on the control panel at the same time until the blue LED light turns solid. (See picture below). You will have around 15 seconds to add your phone. If the blue LED starts to blink, repeat the steps.



3. After you have activated the bluetooth sequence look at your phone and Tap the  button in the upper right hand corner of app. (See pic 2) LiftTech should now appear like in (pic 3). Tap on the Lift Tech Signal Strength and the screen should now look like (pic 4). Now tap on the pair option.
4. Once paired and connected to a Lift Tech receiver, the screen similar to (pic 5) will show the remote control options.
5. To rename your lift tap on Rename in the top right corner of the phone app.



6. **UP**..... Pressing and holding this button will raise the lift.  
**DOWN**....Pressing and holding this button will lower the lift.  
**LIGHT**..... Pressing this button will turn your canopy light on or off.  
**LOCK/UNLOCK**..... Hold button until the lights start flashing to lock the control panel and remote controls. If locked hold until lights stop flashing to unlock.

Tap <disconnect in the upper left corner to save battery life on phone.

# CONNECTING TO ANDROID BY BLUETOOTH

\*If your neighbors have a Lift Tech Marine unit make sure they are not using their lift while you are programming.\*

1. Go to Google Play and search for Lift Tech Marine and download the app. Once installed open the app.

2. To activate the Bluetooth pairing sequence hold the UP and DN buttons on the control panel at the same time until the blue LED light turns solid. (See picture below). You will have around 15 seconds to add your phone. If the blue LED starts to blink, repeat the steps.

3. Press the scan button on the top right of your phone. (See PIC 1)

4. When the phone finds the motor it will look like PIC 2.



5. Press on the Lift - Signal Strength that comes up on the phone to pair it.

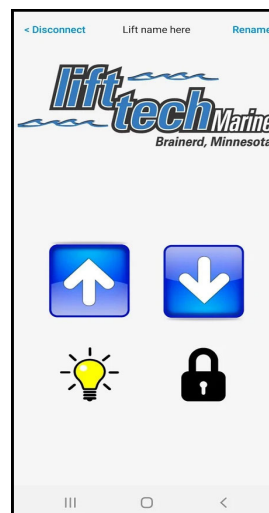
6. Once the phone is paired it will look like PIC 3. You are now done pairing your phone with the control panel. If you want to rename your lift simply press the rename tab on the top right of the app and a box will come up like in PIC 4. Rename it to what you want and hit Rename to save it.



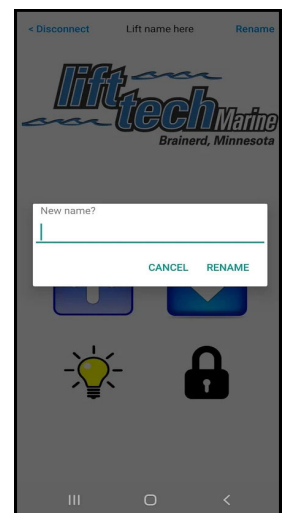
PIC 1



PIC 2



PIC 3



PIC 4

7. **UP**..... Pressing and holding this button will raise the lift.  
**DOWN**....Pressing and holding this button will lower the lift.  
**LIGHT**..... Pressing this button will turn your canopy light on or off.  
**LOCK/UNLOCK**..... Hold button until the lights start flashing to lock the control panel and remote controls. If locked hold until lights stop flashing to unlock.

# Warranty Registration

\*All Warranty registrations must be filled out within 60 days of purchase along with a copy of the original receipt for the warranty to be valid.



PRODUCT PURCHASED: AC IS PLUGGED IN TO EXTENSION CORD - DC IS BATTERY POWER.

AC-PWC KIT      DC-PWC KIT                      AC-WHEEL DRIVE      DC-WHEEL DRIVE

AC MANUAL      DC MANUAL                      AC REMOTE      DC REMOTE

AC AUTOSTOP      DC AUTOSTOP                      ALL IN ONE WINCHBOX

Serial Number located on the motor cylinder: \_\_\_\_\_

Purchase from: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Lift Tech Marine warrants our motor from defects in materials and workmanship under normal use for a period of 2 years from the date of purchase. During the warranty period, Lift Tech Marine will repair the motor if defective. The warranty does not include labor or shipping to us. The warranty is limited to the original purchaser and is not transferable. Warranty is void if the product is modified or altered.

Blue Remote controls have a 1 year warranty and do not include the batteries.

Email this form and your receipt to :  
customerservice@liffttechmarine.com

Or mail to:  
Lift Tech Marine  
7958 Hastings Road  
Baxter, MN 56425

**Seeking Additional  
Protection?  
Hard Cover Option  
is Available.**

Deflects the water pouring  
off the canopy onto the  
motor.



**ONLINE  
REGISTRATION**

Scan the QR code to  
register the warranty  
online.



Visit our website to explore optional accessories for your motor, including a storage cover or hard cover for added protection.

www.liffttechmarine.com