



FEATURES & OPERATION

GEN 3 XL & GEN 3 PRO

The Gen 3 XL & PRO propulsion systems include all of the great features of the Gen 2 with several performance upgrades. We hope you enjoy your new electric propulsion system. Effortless kayaking is just a few simple installation steps away. Get ready to explore more, stay longer, and go further than ever before. Our systems are proudly Made in Texas and we are here to provide support and assistance.

Please read thoroughly for detailed information about your system.

GEN 3 FEATURES:

- Up to 30% more battery and power that doesn't fade over time. All units come with a 18.5V Li-Ion battery.
- TURBO mode allows for a 5 min boost of power to get to your spot faster.
- Gen 3 PRO only: ductless propeller for more power and less weeds.
- USB port available inside the case to charge accessories.
- The control case emits an audible tone when the battery is under 25% (2 beeps every 3 minutes) and again when under 10% (4 beeps every minute).
- Motors are easily removed for cleaning using a screwdriver and hex key on all models.
- Smart display provides users with setup, operation, troubleshooting messages and alerts.
- Units come with a weed cleaning mode that allows the user to clear debris from the prop.

GETTING STARTED:

1. With the control case off, first inspect the motor & propeller for damage and ensure that it is free spinning and not obstructed. If not spinning freely, follow instructions to take motor apart, inspect for debris and rinse clean.
2. When first powering on, the LCD will display "Ready to Connect". Attach the throttle and motor cables to the appropriate connector securely to proceed with setup.
3. When the motor and throttle cables are connected correctly, turn the throttle knob fully counterclockwise to arm the system for use and you will hear three tones indicating the unit is ready for use.
4. If the throttle is disconnected a **T fault** message will display. If the motor is disconnected or clogged an **M fault** message will appear. Check connections and reset unit power to fix. If the motor encounters excessive debris or weeds rotate the throttle fully counterclockwise to trigger the reverse burst.
5. If a fault condition remains, inspect the 3 & 4 pin connectors for proper connection and corrosion. Clean pins gently to remove debris or buildup and apply dielectric grease. Re-attach securely by inserting fully and twisting black collar.
6. If after cleaning and prop replacement the motor is louder than normal or has excessive vibrations when running in water, use the motor tune-up kit provided to refresh the bearings on or before recommended date.

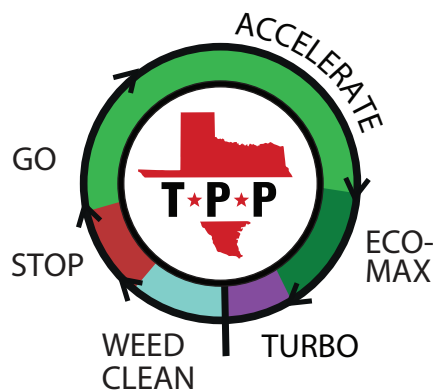
THROTTLE CONTROL:

The throttle is proportional and has different operating regions. Upon powering on the unit, rotate the throttle fully counterclockwise to arm the motor. The unit will emit three sharp tones. The unit is now ready to operate.

WEED CLEAN - This region is a short reverse burst triggered by turning the throttle fully counterclockwise after running. This will force debris out of the motor and will retract the motor if you have a Transducer Mounted Model.

STOP - This region allows the user to stop the motor without triggering the reverse burst to keep the motor deployed.

GO & ACCELERATE - This region is fully proportional. As the throttle turns, the user is able to fine-tune their speed and power of the propulsion system.



ECO-MAX - This region is the max speed for the proportional zone. To save battery life, the unit will sit in ECO-MAX unless put into TURBO boost.

TURBO - This region is activated by turning completely clockwise. TURBO is max power for 5 min. After 5 min, it will drop into ECO-MAX. TO return to TURBO, simply turn a quarter turn counterclockwise then back into TURBO.

QUICK TIPS:



Motor is water cooled. Only run when immersed in water or damage will occur. Motor will not deploy automatically unless in the water.



Excessive debris will trigger motor shutdown to protect propeller. Clear debris and perform reset by turning unit off and on again.



Wash motor thoroughly by immersing or spraying with fresh water after use especially in saltwater environments.



Control case is only waterproof when closed and full latched. Keep case closed during use.



Ensure the longevity of your unit by using anti-corrosion spray and completing recommended maintenance using the motor tune-up kit for bearing replacement.



Store and charge control case inside and avoid extended storage under 32F and over 100F. When stored for >2 months, charge to 50% before storing for best battery care.



Retract motor when launching or beaching to prevent damage. Use motor stopper when necessary.