



## TPP Mini™ Case Instructions

Thank you for purchasing the TPP Mini Kayak Propulsion System. The TPP Mini offers users the ability to utilize their own battery source to power the control case and motor. In order to ensure proper performance, the battery used must be able to supply a continuous current of 25 amps. A minimum battery capacity of 20 amp hours is needed but we recommend a 50ah or higher to equal the performance of our original case. If you have questions about this requirement, please contact us directly.

### Getting Started

- Attach the leads to the battery ensuring that the red lead corresponds to the (+) positive terminal on the battery and the black lead corresponds to the (-) negative terminal on the battery.

Secure the battery on the kayak deck or in a hatch. The battery cable provided is 8 feet long to provide flexibility in the install process.



### Expected Run Time using a Dakota Lithium 12 volt 54ah battery

Low Power: 8 hours

Medium Power: 6 hours

High Power: 2.5 hours

## Connecting Throttle, Battery, and Motor to Waterproof Control Case:

The motor, battery, and the throttle cables need to be connected to the control case. The throttle connector (three pin) attaches to the receptacle on the right and the motor connector (four pin) attaches to the receptacle on the left. The battery attaches to middle receptacle. These receptacles are keyed and will only connect when oriented properly. Rotate the red portion of the connector to find the correct orientation.



## Operating Instructions

Once the unit is on, the power button and LCD will illuminate, and the case should be closed and latched during use to keep waterproof.

- Rotate the throttle control knob fully counterclockwise to arm system (this prevents the motor from starting unexpectedly when the unit is first turned on)
- When the kayak is in the water turn the throttle knob clockwise to activate the motor. **At least a quarter turn of the knob will be required before activation.** The motor will then start and deploy



***\*Refer to the main install instructions for model specific information and detailed guide for connecting the rudder or motor to your specific kayak\****