5 Evo Remote Control/Evo Tiller

The Evo Remote Control and Evo Tiller is used for starting and stopping the outboard motor, adjusting the speed of the motor, configuring the battery parameters, displaying the system information and messages, etc. The Evo Remote Control is powered by either solar power or the built-in lithium battery, but the Evo Tiller is powered by connecting to the outboard with a communication cable. Evo Remote Control wirelessly or wiredly communicates with the outboard control system built in the main outboard motor, and Evo Tiller can only wiredly communicate with the outboard. The Evo Tiller itself owns the steering capability, while using the Evo Remote Control, it requires an additional steering wheel to help steer.

5.1 Display Panel

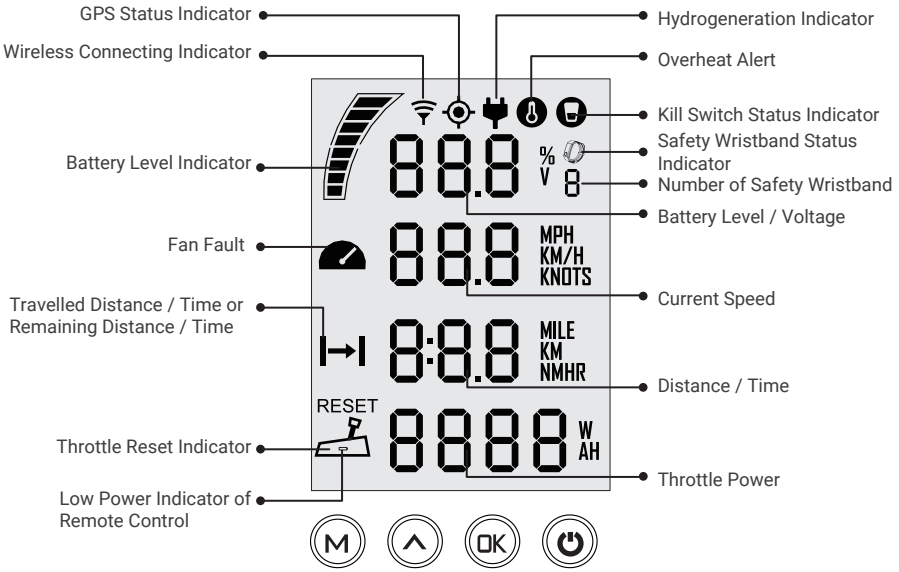
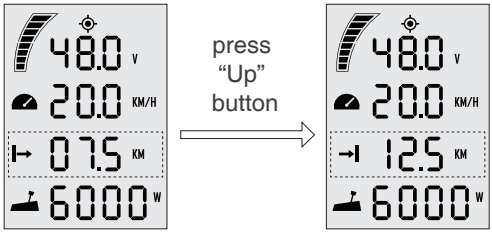
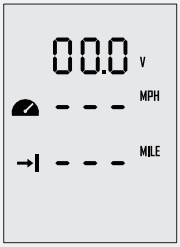


Figure 5-1

Buttons	Functions
"Power"	1. In power-off state, press and hold the power button to power on the Evo Remote Control or Evo Tiller. 2. In power-on state, press and hold the power button to power off the Evo Remote Control or Evo Tiller. 3. In power-on state, press the power button to switch on or off the backlight of Evo Remote Control or Evo Tiller.
"OK"	1. On setting pages, press " OK " button to save the current settings and switch to the next item. 2. On setting pages, press and hold " OK " button, and the system will save your settings, the display will exit from setting page and return to the home page. 3. If home page displays or all characters display on the page, press " OK " button and hold **5s** to enter the pairing page. 4. On home page, press " OK " button to switch between voltage V and battery percentage %.
"Up"	1. On any setting page, press " ∧ " button to view options for current setting. 2. In power-on state, when home page displays, press " ∧ " button and hold **10s** to enter the throttle calibration page. 3. On home page, press " ∧ " button to switch the travelling distance or time displaying icon between " →| " and " |→ ".  Main page 1 Main page 2

Buttons	Functions
M "Menu"	1. In power-on state, press and hold " M " button to enter the preference setting page. Preference setting page 2. On preference setting page, press and hold " M " button to enter the battery setting page.  Battery setting page 3. On any page, press " M " button to return home page.

⚠ If users enter the page without setting any parameters, the current parameters displayed on the page will be saved as user parameters by default.

Icons	Functions	
	Battery level indicator	Indicating approximate battery level. The solid blocks stand for remaining battery.
	Battery level/ voltage	Indicating accurate current battery level percentage/battery voltage, is configurable in preference setting page. For example: 100 %: indicates current battery level. 48.0 V: indicates current battery voltage.

Icons	Functions	
	GPS status indicator	Hidden: no satellite signal is received or GPS does not work. Blink: GPS is connecting to satellites. Shown constantly: GPS is in use.
	Fan fault	Blink:The motor fan has faults. Please contact the dealer to check the fan wiring.
	Over-heat alert	Hidden: system temperature is in normal range. Blink: system temperature is a little high and the maximum input power of motor has been lowered Shown constantly: system is over temperature and the outboard will stop working. The outboard can't be started until the system temperature drops to a certain level.
	Kill switch status indicator	Hidden: kill switch is present and is working well. Shown constantly: the kill switch is detached.
	Current speed	Displaying real time cruising speed. Set units (KM/H,MPH or KNOTS) in preference setting page.
	Distance/time display	Displaying real time travel distance/time. Set units (MILE, KM (kilometer) and NM (nautical mile)) in preference setting page. The time unit is HR (hour).
	Travelled distance/time or remaining distance/time	→|: Remaining distance or time that the outboard can travel. Set units (MILE, KM (kilometer) and NM (nautical mile)) in preference setting page. |→: Travelled distance or time.

Icons	Functions	
	Throttle Power	Displaying real time input power to the system. A blinking “RESET” indicating the throttle should be reset to zero position.
	Wireless connecting indicator	Displaying the remote control is wireless connecting with outboard.
	Safety wristband connecting display	Shown constantly: the safety is connecting with the remote control successfully. Blink: there is a safety wristband to disconnect. The number indicates the number of safety wristbands connected to the remote control.
	Hydro generation indicator	Shown constantly: the hydro generation function is turned on. Blink: the machine is charging the battery. Hidden: the hydro generation function is turned off.