Wireless controler

Helm Master™ EX Wireless Station gives you freedom to maneuver onboard.
Compact wireless controller and twist-action trigger are designed for one-handed operation.



Wireless Controller **Cradle**

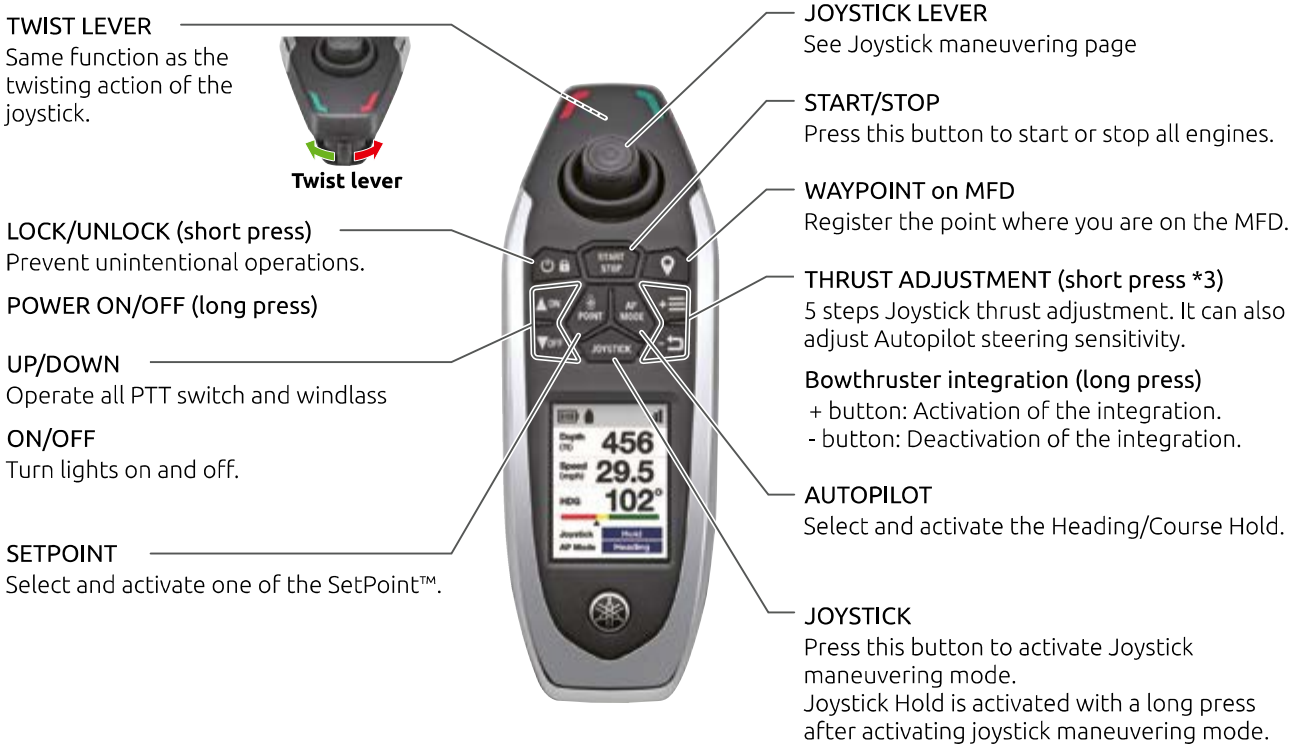
Customer feature and benefit

- Standard Autopilot functions - Heading/Course Hold
- Low speed autopilot with pattern shift
- Ergonomic compact design for onehanded operation
- Wireless for free on-board maneuvering *1
- Simple and user-friendly interface with display
- SetPoint™ Suite Features - StayPoint™, FishPoint™, DriftPoint™ and DriftPoint™ Track
- Single engine Joystick maneuverability and SetPoint™ *2
- Autopilot with Joystick Adjustability
- Joystick hold function
- 5 step Joystick thrust adjustment
- Start or stop all engines
- Operate all PTT switch, windlass, and turn lights on and off
- The Controller is wirelessly charged via the cradle
- The Controller can also be charged using USB Type-C

Boat Builder feature and benefit

- Upgradeable for autopilot fi tted boat
- Compatible with all current DES outboards

Wireless Controller features



*1: Use the MOB detection TAG when using a wireless controller. Do not operate while away from the boat.
*2: Joystick sideways operation and StayPoint™ are not applicable to single engine application.
*3: Change settings related to the wireless controller when wireless station is deactivated.
* Joystick Calibration is required
* Autopilot/ SetPoint™ do not monitor or avoid people, other boats, obstacles, shoal, etc. Skipper needs to stay at helm and keep proper lookout to avoid collisions. Be sure to wear the engine shut-off cord (lanyard) when using not at wireless station.
* Wireless station is not compatible with MFD Interface Type-2, and DEC remote controller manufactured through MY23.

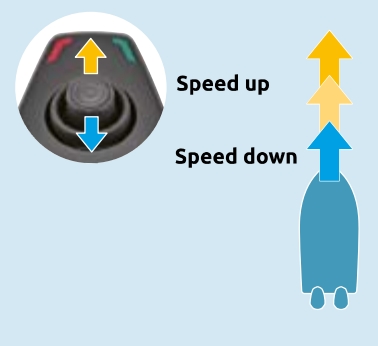
AUTOPILOT

Yamaha's Genuine Autopilot system. In addition to the standard Autopilot functions like Heading/Course Hold, it will offer you Yamaha's exclusive features in combination with Joystick.

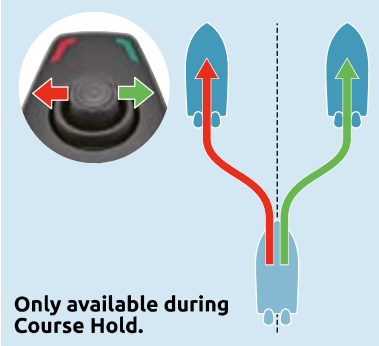
Standard Autopilot functions

Autopilot with Joystick Adjustability

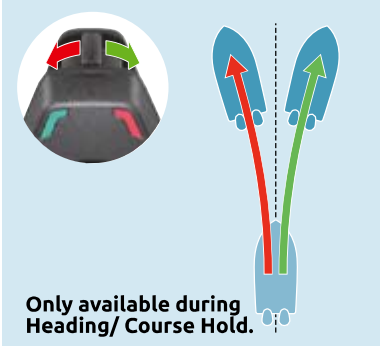
Speed Adjustment



Course Offset Adjustment



Heading/ Course Adjustment

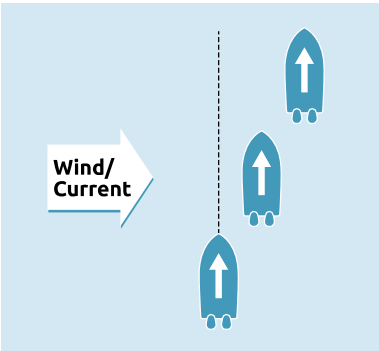




SELECT MODE & ACTIVATION

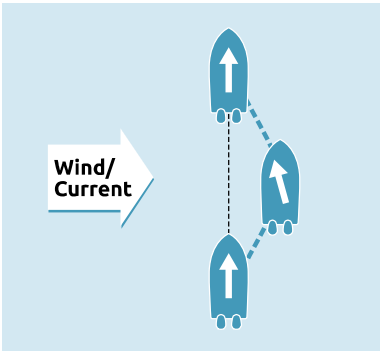
Press the button to activate the autopilot.
Press again to change to Heading Hold or Course Hold.

Heading Hold



Holds the vessels course automatically adjusting for wind or current drift.

Course Hold



Holds the vessels compass setting. Applicable also to reverse shift for enhanced back trolling.

JOYSTICK

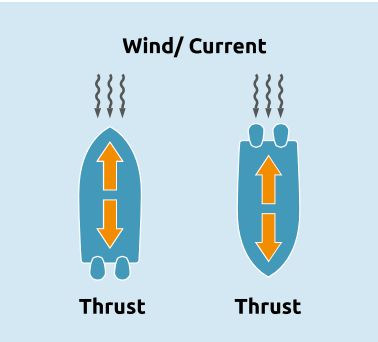
SetPoint™ has three primary modes - StayPoint™, FishPoint™ and DriftPoint™ - offers captains even greater control for situations such as fishing, controlled drifting and maintaining position.

SETPOINT suite features

SELECT MODE & ACTIVATION

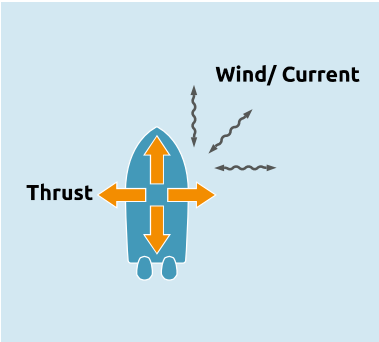
Press the button to activate the SETPOINT™. Press again to change to FishPoint™, StayPoint™ or DriftPoint™.

Fishpoint



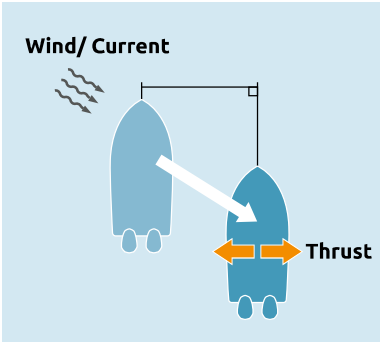
Keeps position. This mode uses minimal RPM to hold your position. Perfect for stationary fishing.

Staypoint



Keeps position and heading. Handy when waiting for a bridge or for your turn to approach a fuel dock.

Driftpoint



Keeps heading. Great for drift-fishing a wreck or kite fishing.

Joystick maneuvering

Low speed Joystick maneuvering is extremely intuitive and useful for various occasions like docking, turning in the confined space or navigating through no-wake zone.
Single-hand, fingertip joystick operation integrates control of the throttle, shift and steering – instead of multiple boat operating devices like conventional steering wheel and control levers.

Standard maneuver

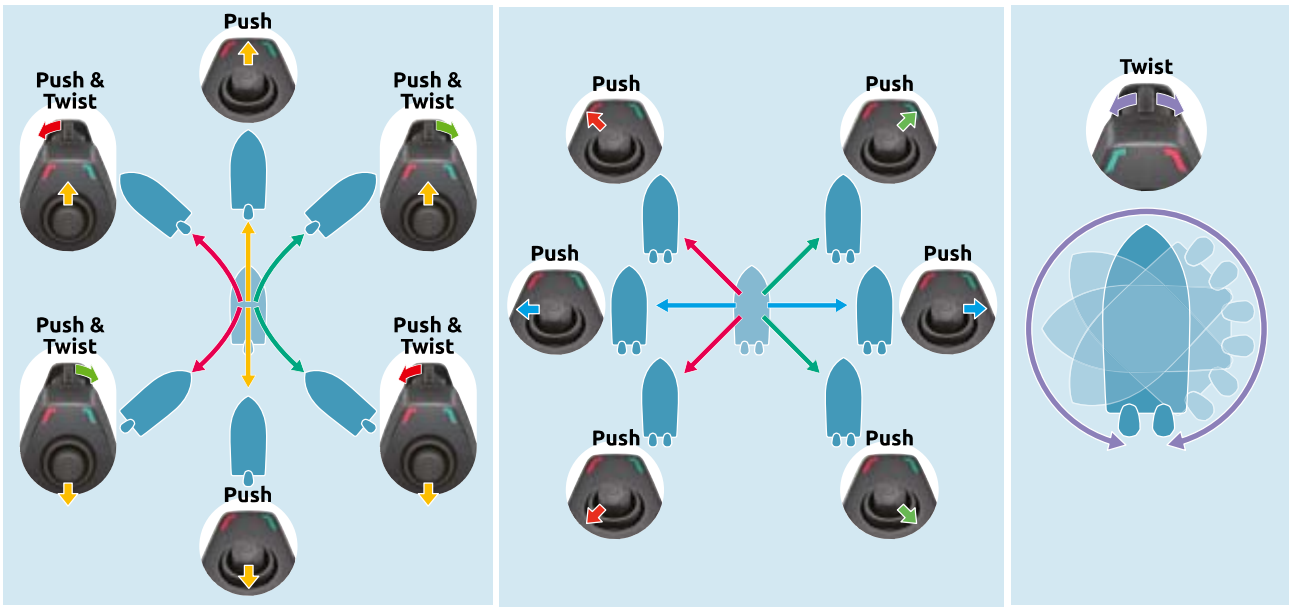
Moving forward, backward, and turn right or left

Lateral maneuver

Moving left, right or diagonal

Pivot-turn maneuver

Rotating left or right on the spot

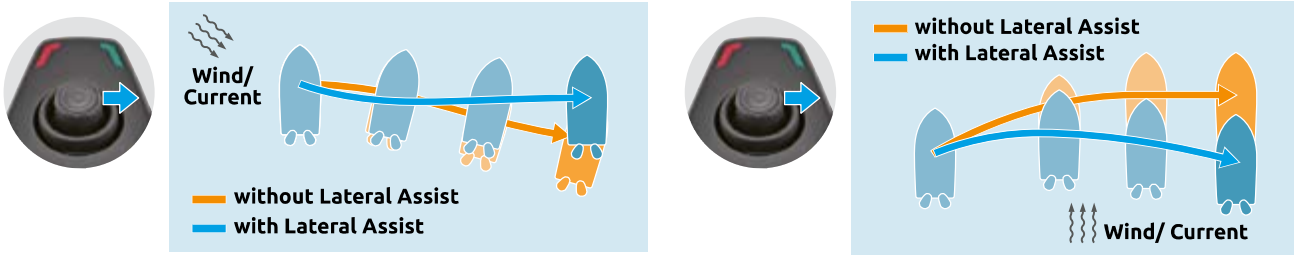


	Standard maneuver	Lateral maneuver	Pivot-turn maneuver
Multiple engines / Bow Thruster Integration	● / More controllable	● / More controllable	● / More controllable
Single engine / Bow Thruster Integration	● / More controllable	— / ● *5	— / ●

Lateral Assist™ *6

Helps maintain straight-line movement of the boat upon sideways or diagonal joystick input, regardless of wind or current.

Examples



Joystick Hold

Without continually pushing the lever, the boat will continue to move forward with 1 push.
While Joystick Hold, the thrust can be adjusted with the lever.
This system can use with Heading/Course Hold.

Activation

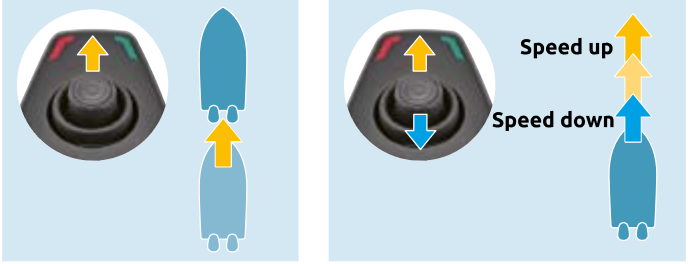
Press this button to activate Joystick maneuvering mode. Long press again to activate Joystick Hold.

Deacitvation

Press the joystick button or keep the lever in the opposite direction to deactivate.



Examples



*5: Joystick sideways operation is not applicable. *6: Joystick Calibration is required for Lateral Assist function.