

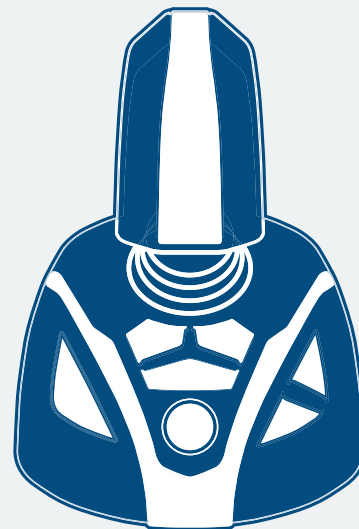
# **HELM MASTER<sup>®</sup> EX**

## **NEW FEATURES AND CAPABILITIES**



### **Boating Ease, Convenience, and Control Have Never Been So Within Reach**

Helm Master<sup>®</sup> EX has always been the pinnacle of fully integrated, digital boat control. Through the input and suggestions of boat builders, dealers, and operators, the best keeps getting better. Check out these new features and improvements to Helm Master EX.



### **HELM MASTER<sup>®</sup> EX**

#### **NEW FEATURES AND CAPABILITIES**



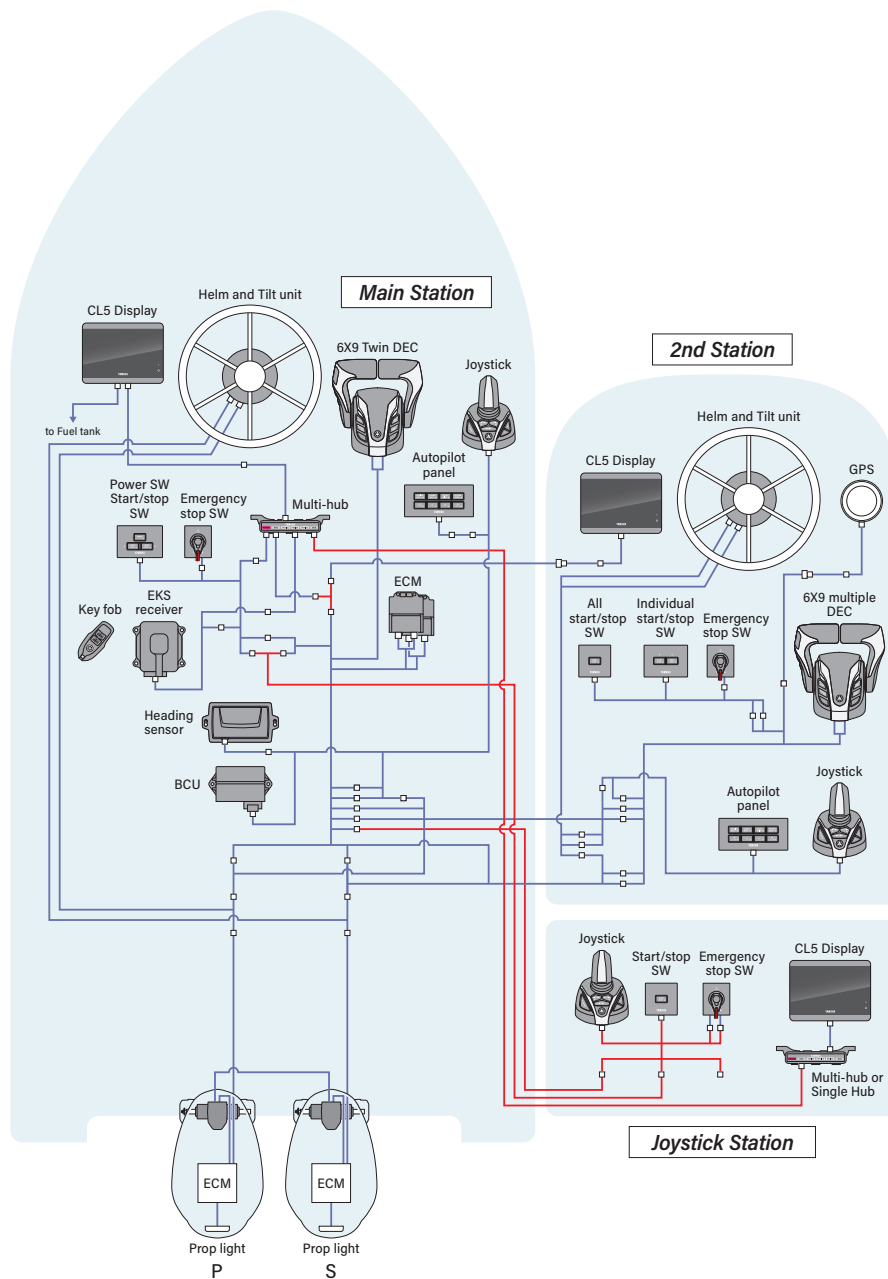
Helm Master EX is born of Yamaha's **CommandBlue<sup>™</sup>** philosophy. CommandBlue represents Yamaha's commitment to move engineering development into the realm of the customer, ultimately delivering products that are easier to use and create greater satisfaction and confidence on the water.

**AVAILABLE EARLY SPRING, 2022**

## NEW FEATURES

### AVAILABLE JOYSTICK STATION

Using only a joystick and a CL5 or Yamaha MFDI-equipped display, it is now possible to create a station for boat maneuvering and positioning when equipped with Helm Master EX Full Maneuverability. Additional control in minimum space. ♦



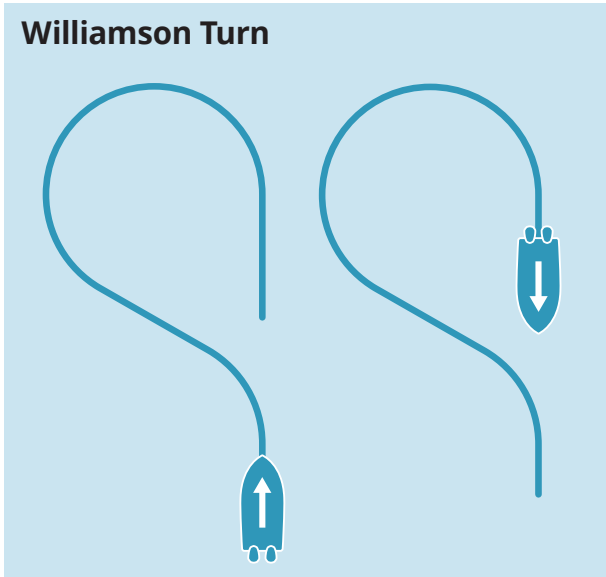
♦ Yamaha CL7 display not compatible

## WILLIAMSON TURN AND PATTERN SEARCH ADDED TO PATTERN STEER

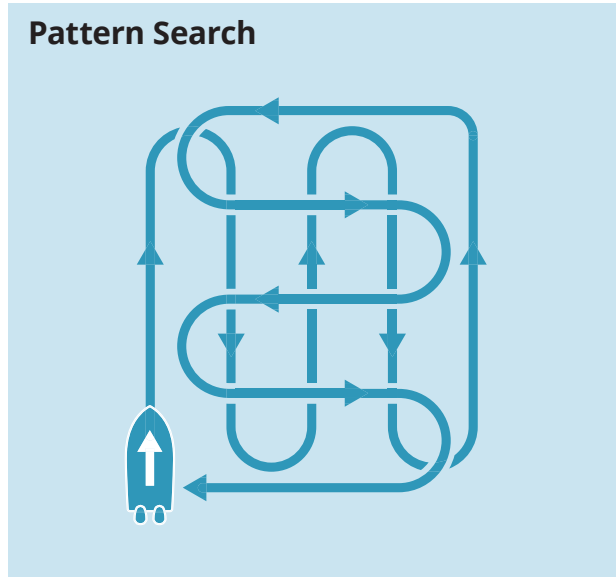
Two new additions join Spiral and Zig Zag patterns to help provide convenient, operator-adjustable methods of steering the vessel. Easier operation, more control flexibility.♦



### Williamson Turn



### Pattern Search

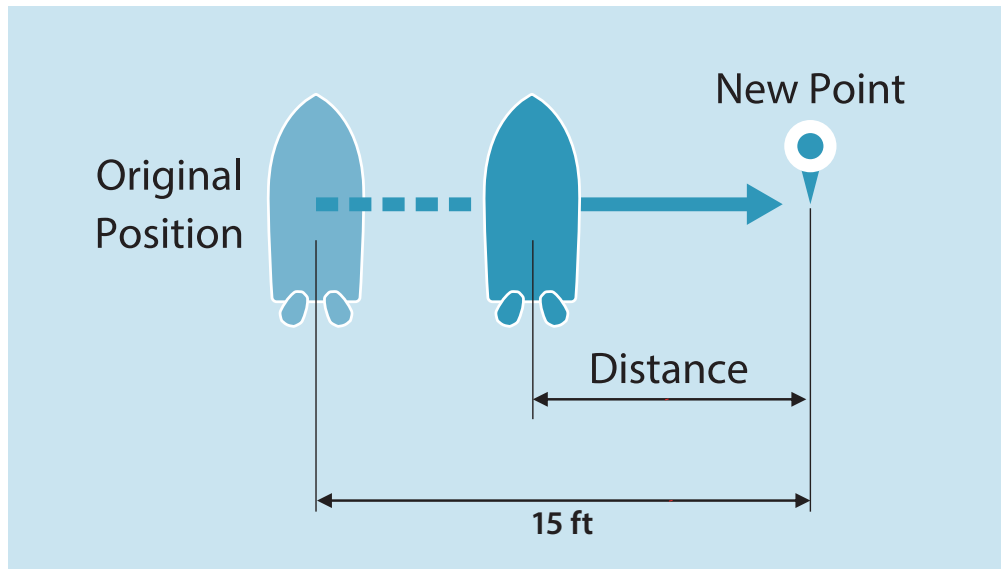


Both Williamson Turn and Pattern Search will return to the point where activated. Pattern Search is operator-adjustable.

♦ Yamaha CL7 display not compatible

## “DISTANCE REMAINING” DISPLAY ADDED WHEN FINE TUNING SETPOINT MODES

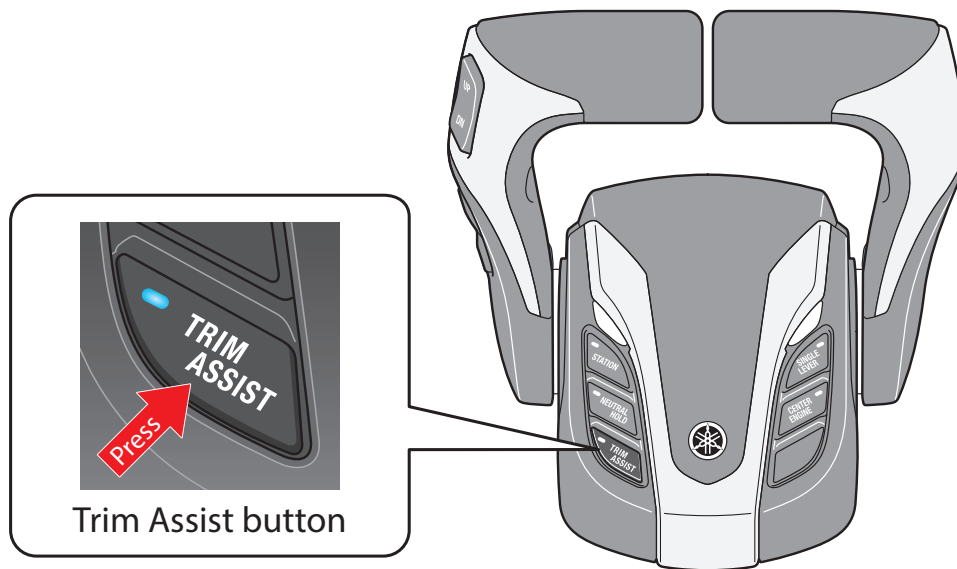
Now, when fine-tuning any SetPoint function using the joystick, the CL5 or Yamaha MFDI-equipped display will indicate the total distance requested and the amount of distance remaining in the adjustment. This helps operators know how much more movement to expect.♦



♦ Yamaha CL7 display not compatible

## TRIM ASSIST BUTTON ADDED TO DEC CONTROL

Trim Assist automatically trims the outboard to operator pre-set levels at chosen engine speeds to make operation easier, particularly for new captains or those with a heavy task load. Now, this function can be initiated directly from all Helm Master EX controls (single or twin binnacle and side flush-mount). Activation/de-activation remains available through the CL5 or MFDI-equipped display, as well.



## BENNETT TRIM TAB SETTINGS DISPLAYED

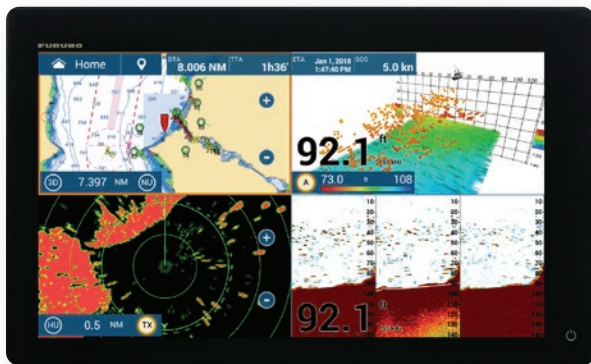
Now, the CL5 or Yamaha MFDI-equipped display shows position of Bennett trim tabs and allows adjustment of the ATP setting when properly connected to the Helm Master EX system. More information equals better boat control. ♦



♦ Yamaha CL7 display not compatible

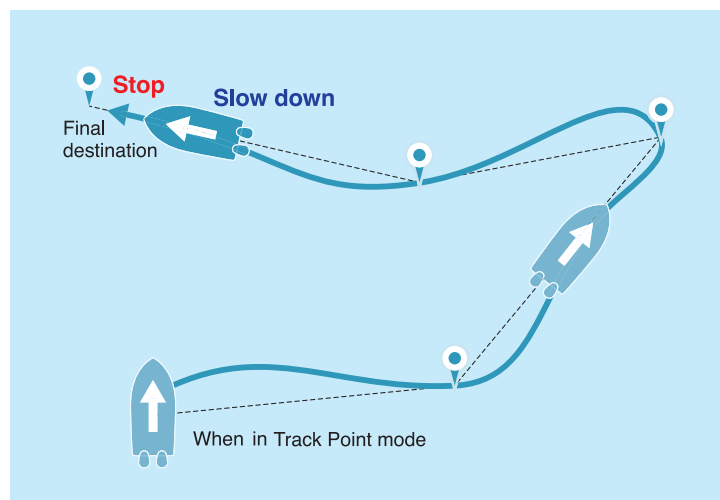
## TWO FURUNO®-BRAND MFDS NOW COMPATIBLE WITH HELM MASTER EX

By equipping a Helm Master EX system with an MFD Interface with HDMI output (MAR-CL000-KT-00), Furuno® NavNet® TZtouch® 3 TZT16F and TZT19F models show Yamaha display information on the MFD. Additionally, the operator can view and execute Yamaha functions via a convenient hand-held controller that floats (included).



## TRACKPOINT® WITH WAY POINT ARRIVAL NOW ACTIVE FOR FURUNO®-BRAND MFDS

When equipped with the proper MFDI, Helm Master EX now offers control and positioning features directly through the Furuno® MFD NavNet® TZTouch® 3 TZT16F and TZT19F models, including automatic deceleration and SetPoint® mode selection upon arrival at the waypoint when in TrackPoint® mode.



## AUTOMATIC OFF TIMER ADDED

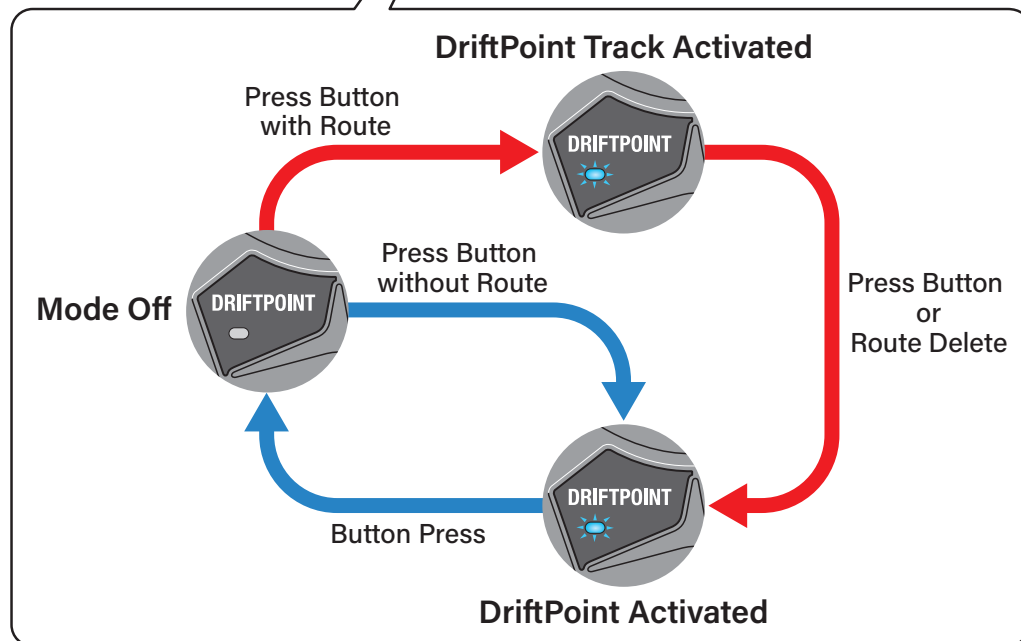
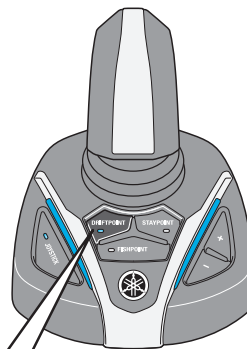
The Helm Master EX system will automatically power down after one hour without activity when this function is active.



## SYSTEM IMPROVEMENTS

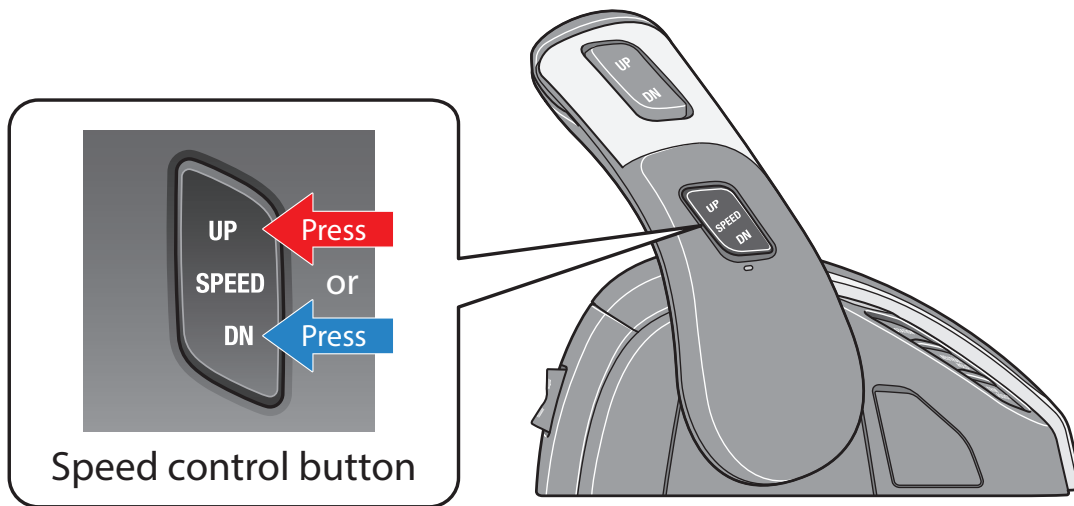
### DIRECT TRANSITION FROM DRIFTPoint® TRACK TO DRIFTPoint

Now operators can go directly from DriftPoint Track to DriftPoint without deleting the route on the MFD. Easier, more convenient operation that's faster to set up.



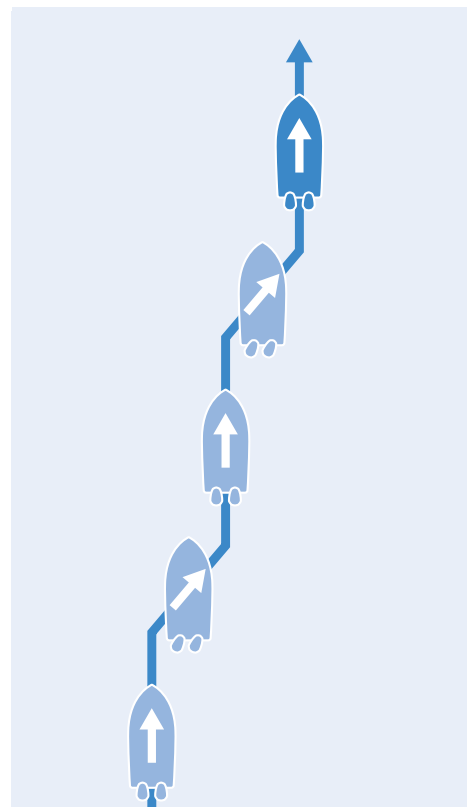
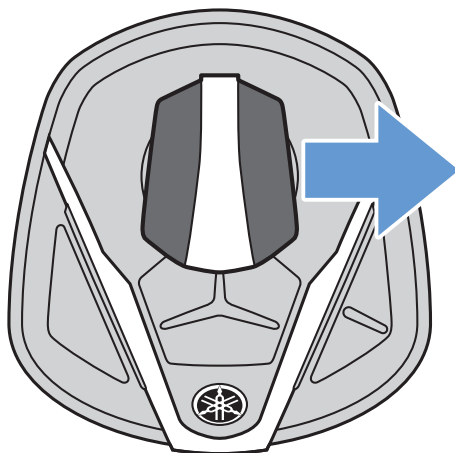
## **SPEED CONTROL NOW ALSO ACTIVATED BY PRESSING “UP”**

For convenience and ease of operation, Speed Control can now be activated by pressing either the “UP” or “DOWN” portion of the Speed Control switch.



## **COURSE HOLD OFFSET NOW STACKABLE**

When offsetting Course Hold using the joystick while in the mode, holding it will now “stack” multiples of the operator’s pre-set distance by holding the joystick. A beep will sound for each instance.



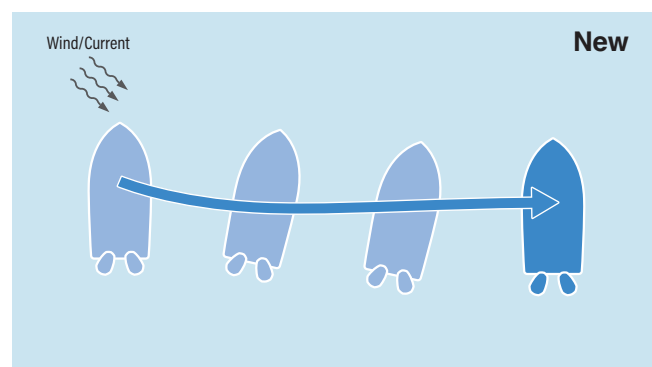
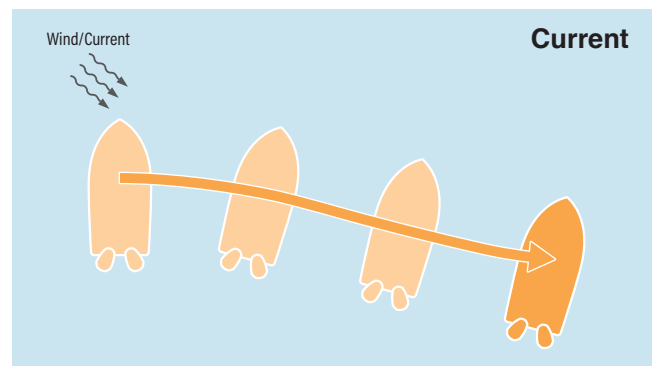
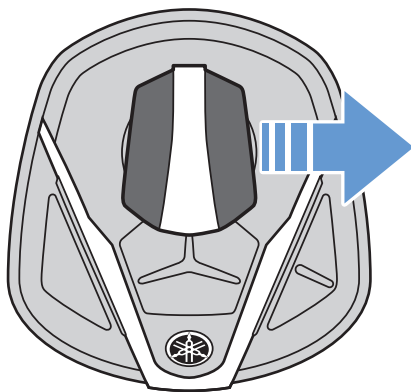
## AUTOPILOT USER ENHANCEMENTS

A shortcut to the autopilot settings and a more intuitive autopilot menu sequencing has been added on the CL5 or Yamaha MFDI-equipped display for quicker and easier activation and use of the autopilot function. ♦



## LATERAL ASSIST IMPROVEMENT

Helm Master EX now better compensates automatically for wind and current, to help maintain commanded heading and direction when moving laterally in joystick mode. ♦



♦ Yamaha CL7 display not compatible

## DISPLAY ENHANCEMENTS

The ability to hide/unhide the trim bar graph, and reduced instances of selected pop-up notifications, is now added on the CL5 or Yamaha MFDI-equipped display.♦



## OEM/DEALER IMPROVEMENTS

Specifically for the benefit of OEMs and Dealers, this Helm Master EX update contains the following new capabilities and improvements:

- Harness connection tags have been added for quicker and easier system installation
- UKCA mark has been added to system components for use in selected foreign markets

These new Helm Master EX features and improvements are available by software and/or hardware update through an independent, authorized Yamaha Marine Dealer. Currently, Yamaha does not charge for Helm Master EX software updates, however Dealers may charge a fee to cover labor and materials.

♦ Yamaha CL7 display not compatible

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**REMEMBER** to always observe all applicable boating laws. Never drink and drive. Dress properly with a USCG-approved personal flotation device and protective gear. Boat smart from the start. Take a boating safety course and get a free vessel safety check annually for your boat. For more information, contact: United States Coast Guard Auxiliary online at [www.cgaux.org](http://www.cgaux.org), or United States Power Squadrons at 888-for-usps or [www.usps.org](http://www.usps.org).

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