

LINC PANORAY - 15" SINGLE DISPLAY

2027 OWNER'S MANUAL

G SERIES

TABLE OF CONTENTS

OVERVIEW

Product Information	**4**
Care and Maintenance	**4**
Touchscreen Display	**5**
Helm Command	**6**
User Interface	**7-8**
Powering Electronics & Displays	**9-10**

HELM COMMAND

Rotary Knob Control	**11-15**
Hot-keys, Buttons & Shortcuts	**16-24**
Manual Steering	**25-28**
Volume Knob & Controls	**29-32**

HOME MENU

Main Functions	**33-34**
NCRS® and NSS® Systems	**35**
Steering Assist	**36-38**
River Mode	**39-40**
Awareness Camera	**41-42**

AUDIO MENU

Main Functions	**43**
Audio Setup and Subwoofer Settings	**44-45**
Zone Control	**46**

BALLAST MENU

Main Functions	**47**
Set/Shift Individual Tank Levels	**48**

SWITCHING MENU

Main Functions	**49-50**

MAPS MENU
Main Functions **51**
Track Manager **52**
Waypoint Manager **53**
Making Changes **54**

PREFERENCES MENU
Main Functions **55-58**
Keypad Security (Creating a Pin) **59-60**
PIN ENTRY/Unlocking Your Boat **61-62**

WARNINGS AND POP UP MESSAGES
High Bilge Usage Message **63**
STOP ENGINE Message **64**
Warning Pop-up Message **65**
Circuit Fault Warning **66**

HELM COMMAND FAIL-SAFE
Entering Fail-safe & Recovery Mode **67-68**

OVERVIEW



PRODUCT INFORMATION

The Nautique LINC Panoray system is designed for instrumentation and control on electronically controlled engines communicating via SAE J1939 and NMEA 2000. The display provides GPS tracking, multimedia control and speed control, and enables equipment operators to view many different engine parameters and service codes.

CARE AND MAINTENANCE

General maintenance is not required; however, a soft microfiber cloth should be used for cleaning the display. Window cleaner or alcohol should also be used to clean the glass portion of the displays. Do not use harsh or abrasive cleaners on the unit.

OVERVIEW



TOUCHSCREEN DISPLAY

This model features a 15" wide touchscreen display on the right-hand side of the helm. Operators can easily control their boat through the use of touch controls and user input. Various touch points can be used to change settings, navigate menus, and dictate boat performance. Examples of specific controls include buttons, toggle switches, sliders, scrolls, pop-ups, and boxes on the screen.

When the display recognizes that the operator has touched the screen, a small, grey, circular indicator will appear at the location where the operator has touched.

To ensure proper use, make sure that hands and fingers are dry and clean of any oils or lotions before touching the display.

OVERVIEW



HELM COMMAND

In addition to the touchscreen, the LINC Interface can also be fully controlled with Helm Command (pictured above) located on the driver's armrest adjacent to the throttle.

Helm Command features two machined, aluminum knobs. The main larger knob is able to: 1) rotate clockwise and counterclockwise, 2) tilt up, down, left and right, and 3) be pressed down/inward like a button. The second machined rotary knob is dedicated to volume control and can be: 1) rotated clockwise and counterclockwise, and 2) pushed like a button to play, pause, or mute the stereo.

Additionally, a black, rubber buttonpad surrounds the knob with different buttons. These buttons act as shortcuts, or "hot keys," and are conveniently located on the helm command to allow for a quicker and more intuitive navigation of the interface.

OVERVIEW



USER INTERFACE

The LINC Panoray display is located on the right side of the helm. This display is the primary tool for viewing critical boat information and for controlling the boat through graphical switches and settings. The graphical user interface for this screen can dynamically change with different menus to show different features and information. Switches and settings on this display can be changed by touchscreen input or by the Helm Command Knob.

MENU ARC - different menus can be selected here by touching individual menu icons or by rotating the Helm Command knob if a menu icon is highlighted. There can be up to 6 menus: Home, Audio, Ballast, Switching, Map, and Preferences. The Home menu is displayed in the example above.

STATUS SECTION - displays the clock, air temperature, water temperature, any Surf Select connections (if applicable).

GAUGE SECTION - displays the current speed, the current state of the speed control, RPM, engine temperature, battery voltage, oil pressure, fuel level and the current water depth. The engine temperature, battery voltage, oil pressure and fuel level are all displayed as a graphical bar gauge by default, but touching each icon will reveal their numerical value.

In the example above, the Steering Assist gauge is also shown as a grey, segmented bar. This will only appear here if Nautique Integrated Steering Assist is equipped.

CONTROL BAR - This area displays the volume level of the audio system, the selected user profile, and the set speed target. The volume, user profile, and set speed target can all be adjusted here by touchscreen input.

SELECTED MENU PAGE - This area dynamically changes to show the settings, features, and information depending on which menu is selected. Most settings and functions are illustrated here as a stack-up of horizontal bars with curved ends, and other touch points are illustrated as semi-transparent rectangular boxes, typically overlaid on top of a boat graphic. The Home menu page is displayed in the example above.

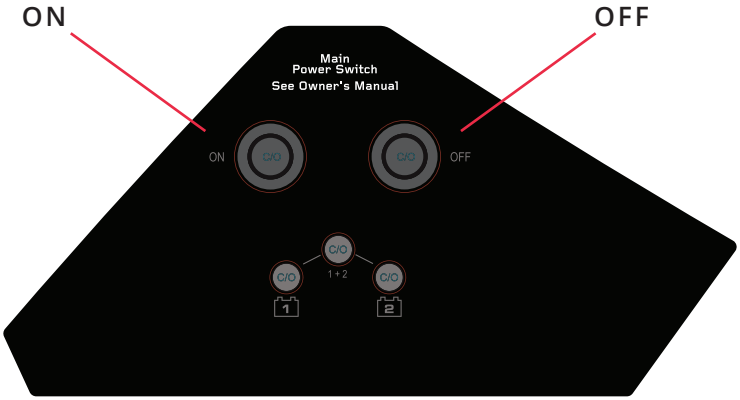
OVERVIEW

USING YOUR BOAT - POWERING DISPLAYS ON

TURNING ON ELECTRONICS AND DISPLAYS

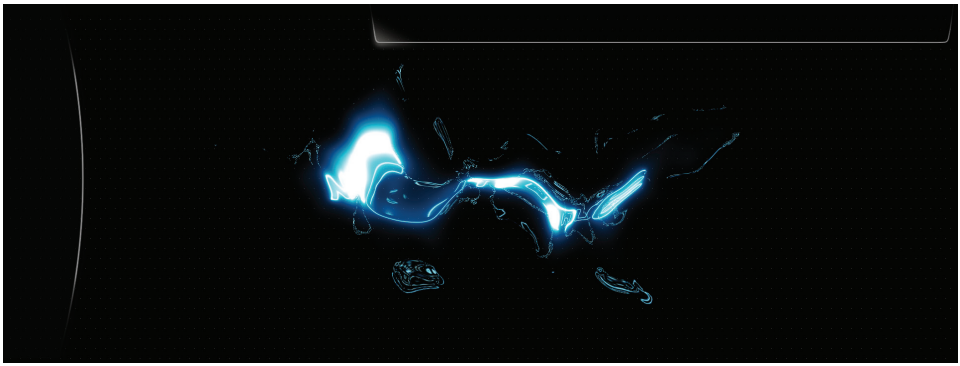
To begin, press and release the "ON" button located on the battery switch button pad. The button(s) will light up when activated.

Battery Switch
On the gunwale wall under the helm

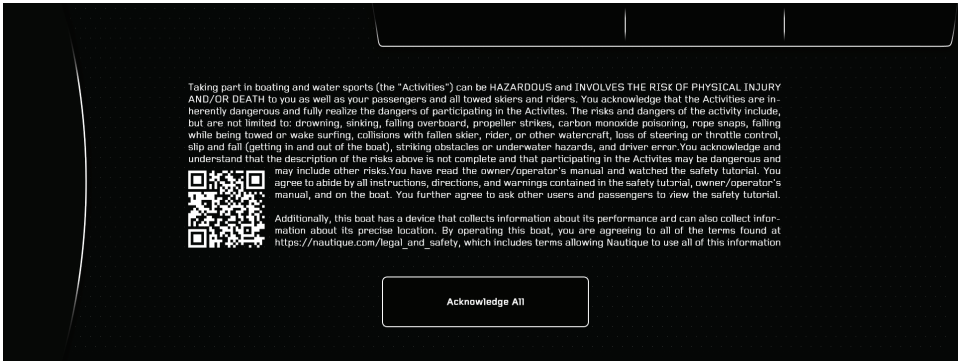


Once the batteries have been powered on, you'll need to turn on electronics and displays. To do that, press the "Start/Stop" button located just under the steering wheel to the right hand side. When pressed, the "Start/Stop" button will glow white and the displays will activate an animated boot-up sequence (see images on page 9). After a few seconds, the displays will prompt an acknowledgement of legal risk.

OVERVIEW



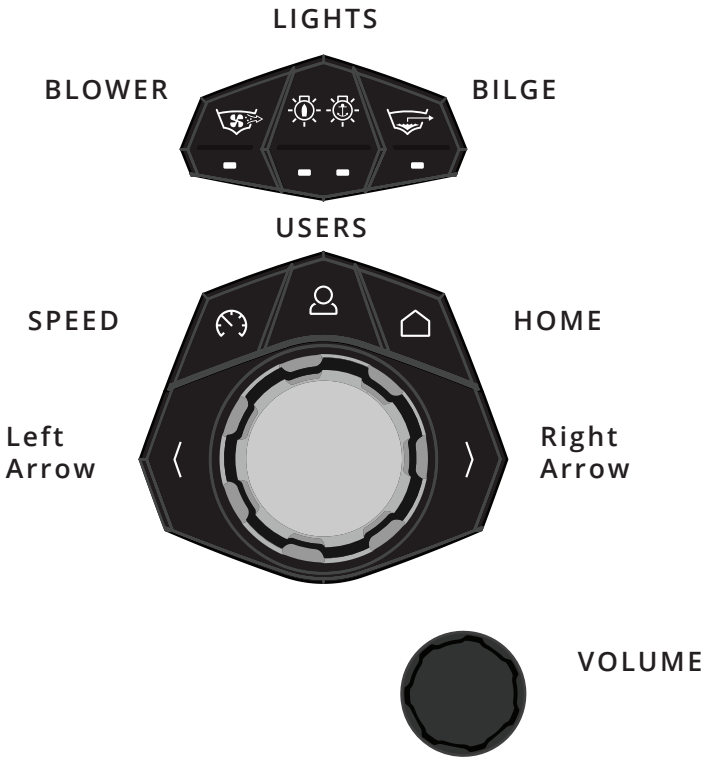
BOOT-UP ANIMATION SEQUENCE



LEGAL ACKNOWLEDGEMENT OF RISK

HELM COMMAND

USING HELM COMMAND - CONTROLS/BUTTON SHORTCUTS

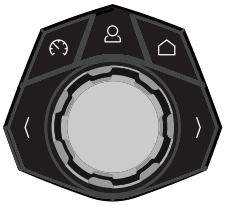


The User and Speed Control buttons will each open up a unique pop-up menu when pressed. Each of those pop-up menus will close when that same button is pressed again.

HELM COMMAND



LINC INTERFACE (INTERACTION DISPLAY)



HELM COMMAND

USING HELM COMMAND - ROTARY KNOB

When LINC has completed its start-up sequence, a "highlight" will appear over the Menu Wheel. This highlight is similar to a computer cursor; it shows the current position for user interaction and it will respond to input from the rotary knob or the 3 buttons on the Helm Command unit. The highlight will stay in the same location until it is moved to a new function/setting or until a new menu is selected.

When the highlight is over the Menu Arc, simply rotate the Helm Command knob clockwise or counterclockwise to view another menu (see image below).



ROTATING CLOCKWISE FROM THE HOME MENU TO THE AUDIO MENU

HELM COMMAND

USING HELM COMMAND - ROTARY KNOB (CONTINUED)

To return to a previously viewed menu, simply rotate the knob the opposite way. The menu will appear with the tab that was last selected (see image below).



To move the highlight to the page area of the screen (to the left side), the operator can either press down on the knob or joystick over to the right to highlight another column of functions (see image below).



HELM COMMAND

USING HELM COMMAND - ROTARY KNOB (CONTINUED)

After moving the highlight to the page area, the operator can select functions/ settings by pushing down on the knob (see below). This will change the background color behind the function/setting to white to increase visibility over the other functions/settings.



PUSHING DOWN TO SELECT A SETTING (WAKE SHAPE IN THIS EXAMPLE)

When a setting is selected, simply rotate clockwise or counterclockwise to increase or decrease that setting. In the image below, the operator has rotated clockwise three times to change the Wake Shape setting to "5." When an OFF/ LO/HI (like Plane Assist in image below) or an ON/OFF function is selected, rotate clockwise to select the ON setting or rotate counterclockwise to turn OFF.

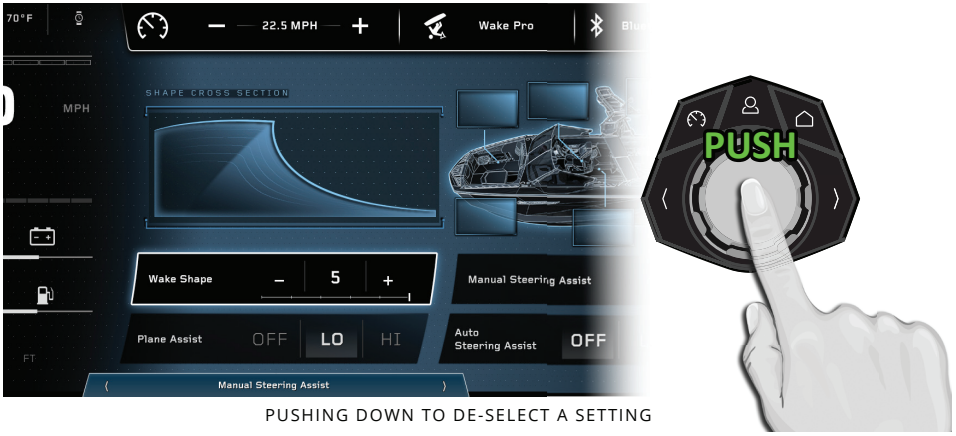


ROTATING CLOCKWISE TO INCREASE A SETTING

HELM COMMAND

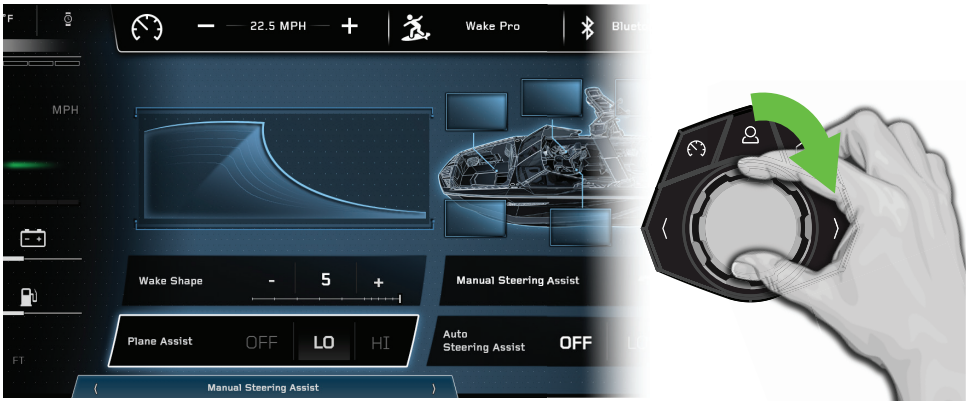
USING HELM COMMAND - ROTARY KNOB (CONTINUED)

When the operator is comfortable with the setting, he/she may push down on the knob to de-select from the setting.



PUSHING DOWN TO DE-SELECT A SETTING

The operator may now rotate or joystick to highlight another setting. In the image below, the operator has rotated the knob clockwise to the right to highlight the Planing Assist setting.

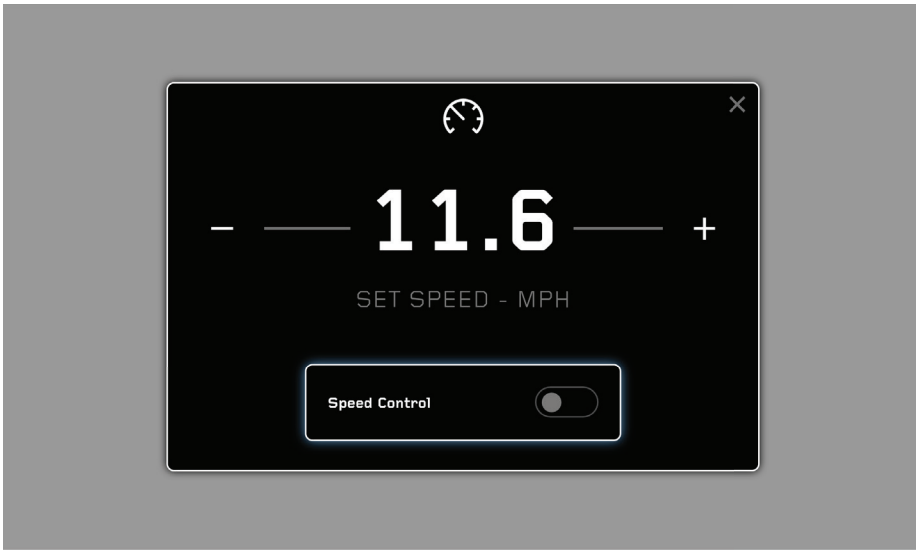


ROTATING CLOCKWISE TO HIGHLIGHT A DIFFERENT SETTING

HELM COMMAND

USING HELM COMMAND - SPEED CONTROL BUTTON

Pressing the Speed Control button opens a pop-up to allow the operator to quickly change the set speed from any menu (see image below).



POP-UP AFTER PRESSING THE SPEED CONTROL BUTTON ON HELM COMMAND

Once the Speed Control pop-up appears, the operator can perform the following functions:

Changing the Set Speed - by either rotating the Helm Command knob either direction or by pressing the plus and minus icons via touchscreen

Speed Control On/Off - by pressing down on the Helm Command knob or by pressing the pause icon via touchscreen.

The operator may also press and hold the speed control button at any time to toggle speed control on/off.

HELM COMMAND



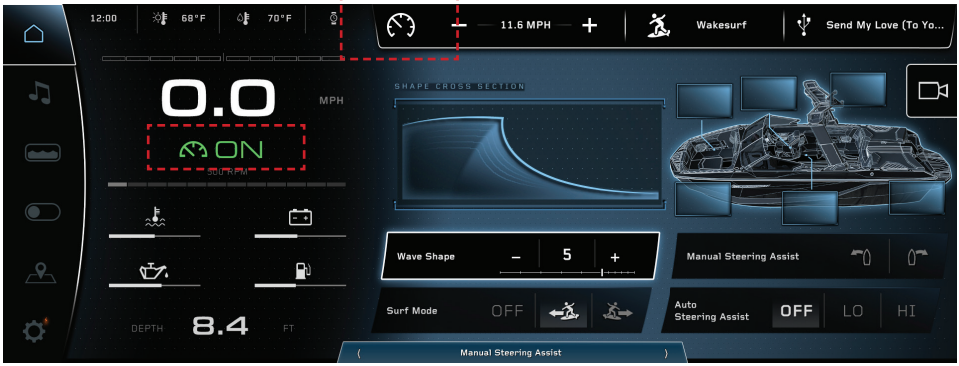
INTERACTION DISPLAY WHEN SPEED CONTROL IS OFF

Orange icons and indicators will appear on both displays when Speed Control is off.

Please note that if the set speed is below 13.0 mph (20.9 kph) and speed control is off, then Surf Mode will not be available because the boat could go up to planing speeds that are not ideal for surfing (see image above for reference). In this scenario, Plane Assist settings will appear in place of Surf Mode. Turning speed control back on will allow for Surf Mode again.

Please see the Home Menu section of this manual for more details on how to use Surf Mode and Plane Assist.

HELM COMMAND



GAUGE DISPLAY WHEN SET SPEED IS ON AND SPEED HAS BEEN REACHED

Grey icons and indicators will appear on the gauge display when Speed Control is ON but the set speed has not yet been reached.

Green icons and indicators will appear on the gauge display when Speed Control is ON and the set speed has been reached.

It's important to understand that the indicators will not turn green until the boat has accelerated to the chosen or set speed. In order to achieve the desired speed, you may need to apply more pressure by pushing down on the throttle.

HELM COMMAND

USING HELM COMMAND - USER BUTTON



USER POP-UP MENU AFTER PRESSING THE USER BUTTON ON HELM COMMAND

Pressing the User button opens a pop-up menu for the User Menu. The User Menu displays customizable user profiles which contain pre-set speed, wave/wake shape, and ballast settings. This pop-up menu can be accessed at any time.

The Interaction display comes with 9 pre-loaded user profiles and the ability to create 7 additional user profiles. The operator may edit or delete all of the pre-loaded user profiles except for "Back to Dock." It is recommended to try out factory pre-loaded user profiles first before attempting to edit settings or create user profiles from scratch. The factory pre-loaded profiles are a great way to gain an understanding of how different key settings (speed, shape, ballast, etc.) impact the wake behind the boat.

When the User pop-up menu appears (either by Helm Command or touch point) the operator will see a scrolling list of options and user profiles to the left and will see the corresponding user profile settings displayed graphically on the right.

Exit - This will exit out of the User drop-down menu and return to the previous screen.

Save Changes - This will save any altered settings of the currently selected profile, which are noted by blue "!" icons on the right side of the menu.

HELM COMMAND



USER POP-UP MENU AFTER PRESSING THE USER BUTTON ON HELM COMMAND

Create New User - Selecting this will bring up a new list to select individual settings for a new user.

Selecting a different user profile - Each user profile will feature an icon and its unique name. The operator can see settings for each profile as he/she scrolls through the list. When a user profile is highlighted, pressing in on the Helm Command knob will then bring up additional actions to choose from (see image above), including activate user, edit user, and delete user (trash icon). Selecting edit user will bring up the list of the individual settings for that user that can be changed.

Please see the following pages for instructions on how to edit an existing user profile and how to create a new user profile.

HELM COMMAND

USING HELM COMMAND - USER BUTTON



EDITING A USER PROFILE

EDITING OR CREATING A USER PROFILE

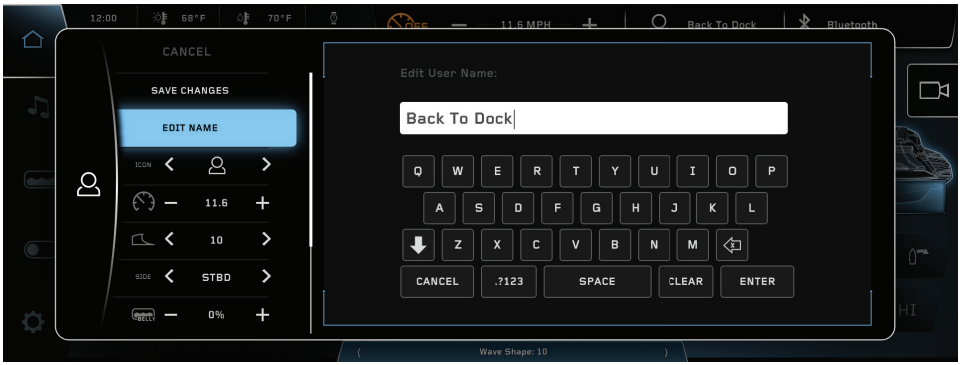
Editing a user profile allows the operator to change each individual setting for the user profile, including name, icon, speed, wave/wake shape settings, and individual ballast tank levels. These settings appear in a scrolling list and the operator may have to scroll all the way to the bottom to access all of the settings. If adjusting a user profile that is at Wake surf speeds (below 13.0 mph or 20.9 kph), then the additional setting of “Surf Side” will appear in this list as well.

When settings are adjusted, the operator will see the corresponding settings change graphically on the right side.

When finished, either press “cancel” to cancel out of the new user process or press “Save Changes” to save the newly created user profile and return to the User List tab.

HELM COMMAND

USING HELM COMMAND - USER BUTTON



EDITING THE NAME FOR A USER PROFILE

When editing the user profile name, a full keyboard will appear on the right side. This keyboard will stay displayed until the operator presses “Enter” to accept the changes to the name.

USER POP-UP - BREAD CRUMBS

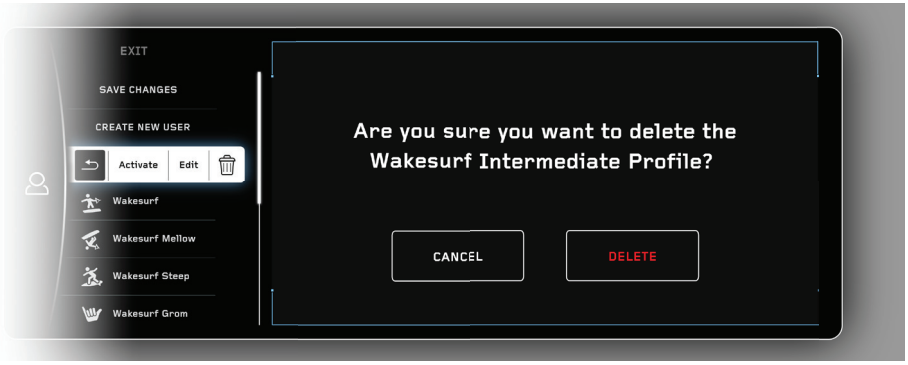


As you make changes to your profile settings, you’ll notice small blue icons appearing as “bread crumbs” to mark those changes. To save your user settings, press or select the “Save Changes” option.

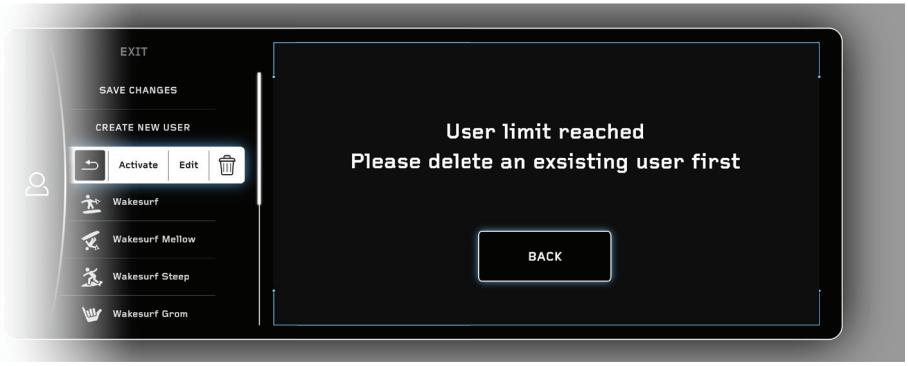
HELM COMMAND

USER POP-UP - FEEDBACK/ERROR MESSAGES

Please note that before deleting user profile, you will be presented with this pop-up menu asking to confirm your selection.



Please note that before deleting user profile, you will be presented with this pop-up menu asking to confirm your selection.



HELM COMMAND

USING HELM COMMAND - HOME BUTTON

Pressing the Home button will always take the operator back to the Home menu so that he/she can have quick access to the important settings on the Home menu. The two screenshots below illustrate an example of pressing the Home button to transition from the Switching menu to the Home menu.

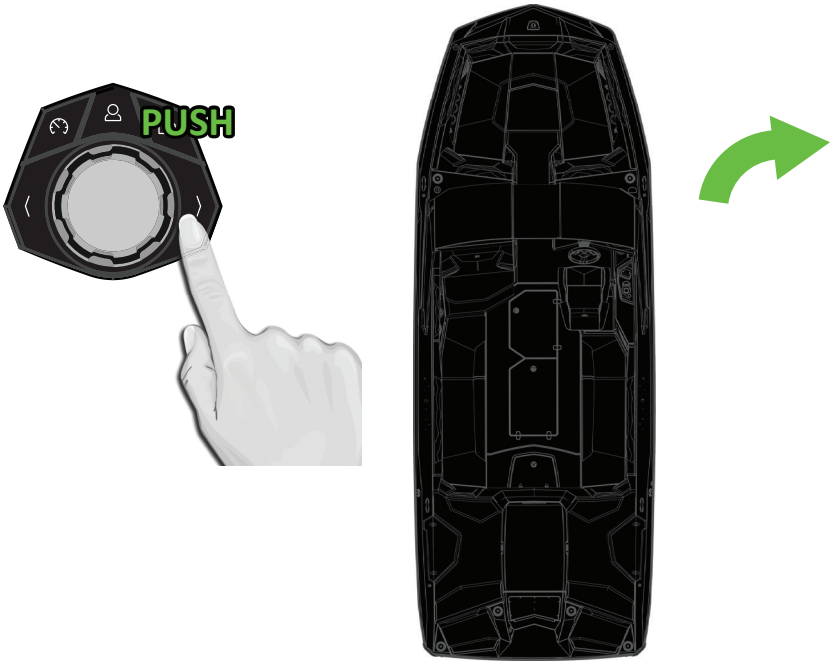


PRESSING THE HOME BUTTON TO RETURN TO THE HOME MENU FROM ANY OTHER MENU

HELM COMMAND

USING HELM COMMAND - LEFT/RIGHT ARROW BUTTONS

Note that these controls are only accessible at low speeds and should only be used to: a) reposition the boat while at rest, and b) reposition the boat, without need or input from the steering wheel. Please reference pages 36-37 for more information on how to safely use Nautique Integrated Steering Assist.



PRESSING THE RIGHT ARROW WILL REPOSITION THE BOAT TO THE RIGHT (STARBOARD SIDE)

HELM COMMAND

HELM ARROWS (POP-UP SELECTION MENU)

The Helm command arrows are dedicated to the quick control and select customizing of 4 main functions: Steering Assist, Ballast Shift, Surf Side selection, and Wake/Wave Shape variations.

Encoder Arrow Menu: To customize these functions, access the Encoder Arrow pop-up by touching the text section at the bottom center of each page (Home, Stereo, Ballast, Switching, Maps, and Settings).



Encoder Arrow Menu Pop-up: Once this menu pops up, select the desired function and set accordingly with touch controls or by using the helm command knob.



HELM COMMAND

HELM ARROWS (CUSTOMIZING CONTROLS)

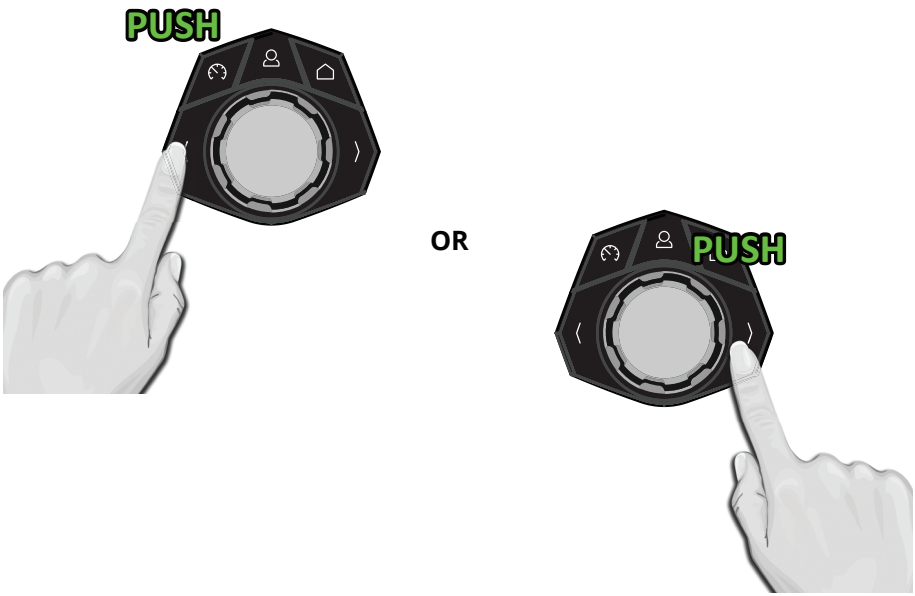
After setting and selecting an action, users can control one of the following functions from any page, by pressing either the left or right arrow button on the Helm command keypad.

Steering Assist: will allow the user to reposition the boat towards either the port or starboard side from any page

Ballast Shift: allows the user to shift starboard and port ballast weight in increments of 50 lbs from any page

Surf Side: allows the user to quickly change between surf port and surf starboard from any page

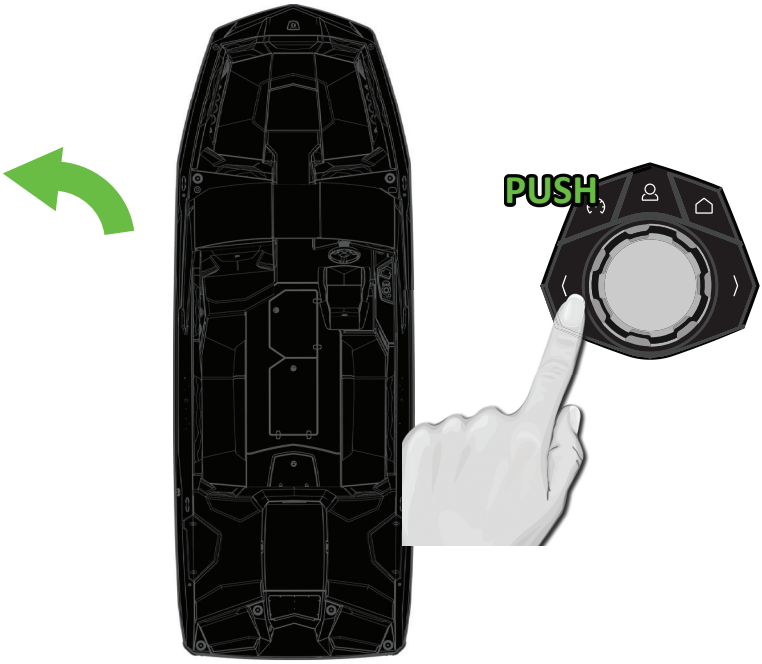
Shape Variations: Wake shape will allow users to change between wake sizes 0-5 (13 mph and above). Wave shape will allow users to change between wave sizes 0-11 (when under 13 mph).



HELM COMMAND

USING HELM COMMAND - LEFT/RIGHT ARROW EXAMPLE

Manual Steering Assist - Bow Port/Bow Starboard - the Manual Steering Assist feature (if equipped) allows the operator to manually reposition the boat while the boat is at rest without: a) input from the steering wheel, or b) having to be in gear. The operator may customize the helm command arrows to more easily control this feature. Once the helm command arrows have been set to control manual steering assist, a user may press on either the left or right arrows to reposition the boat accordingly. (See image below for details.)

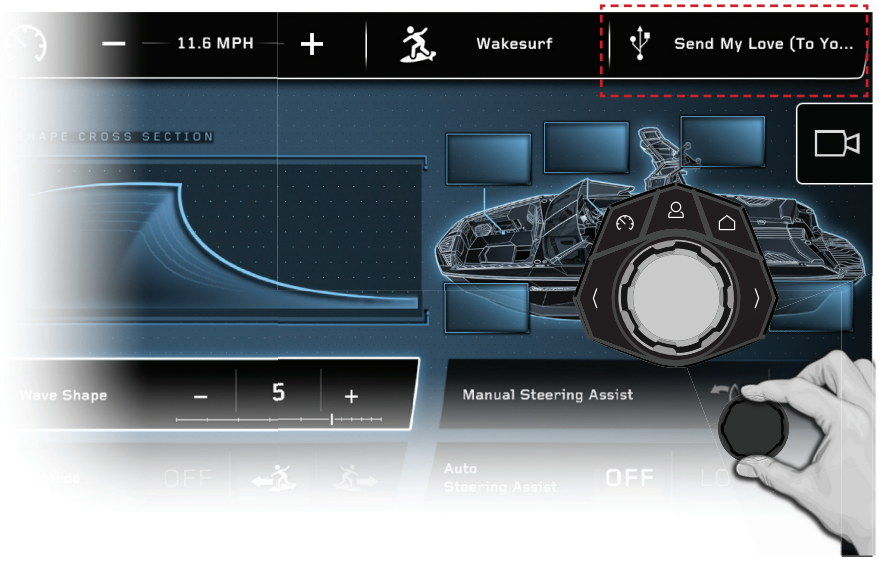


PRESSING THE LEFT ARROW WILL REPOSITION THE BOAT TO THE LEFT (PORT SIDE)

HELM COMMAND

USING HELM COMMAND - ROTARY VOLUME KNOB

Volume control is conveniently located at the bottom right portion of the helm command and features its own dedicated rotary control knob.



LOCATION OF VOLUME/STEREO STATUS INDICATORS

Indicators (volume increase/decrease, pause, mute, and song selection) will appear in the top right section of the status bar on the interactive screen. Dynamic changes to the display will appear when interacting with the control knob.

Increase/Decrease Volume - by either rotating the Helm Command knob either direction or by pressing the plus and minus icons via touchscreen

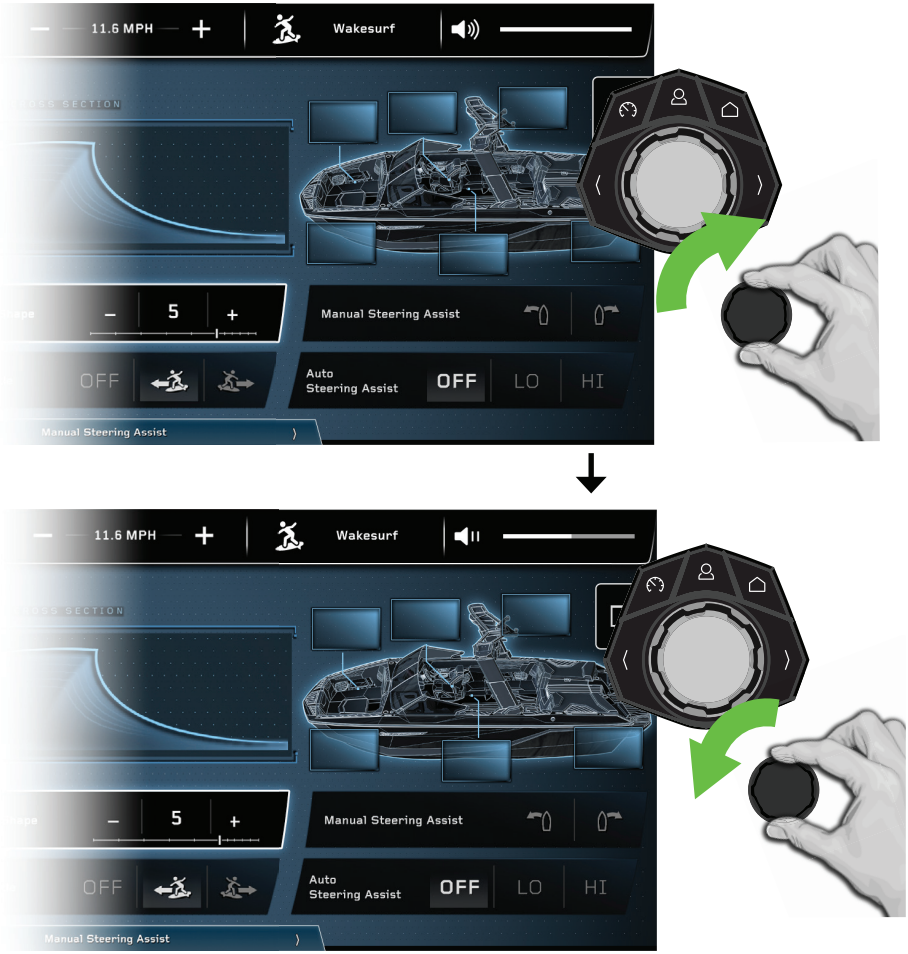
Mute Volume - by pressing down on the Helm Command knob or by pressing the pause icon via touchscreen

Next Track/Previous Track - by joysticking Helm Command knob left/right, or by pressing the next track and previous track icons via touchscreen

HELM COMMAND

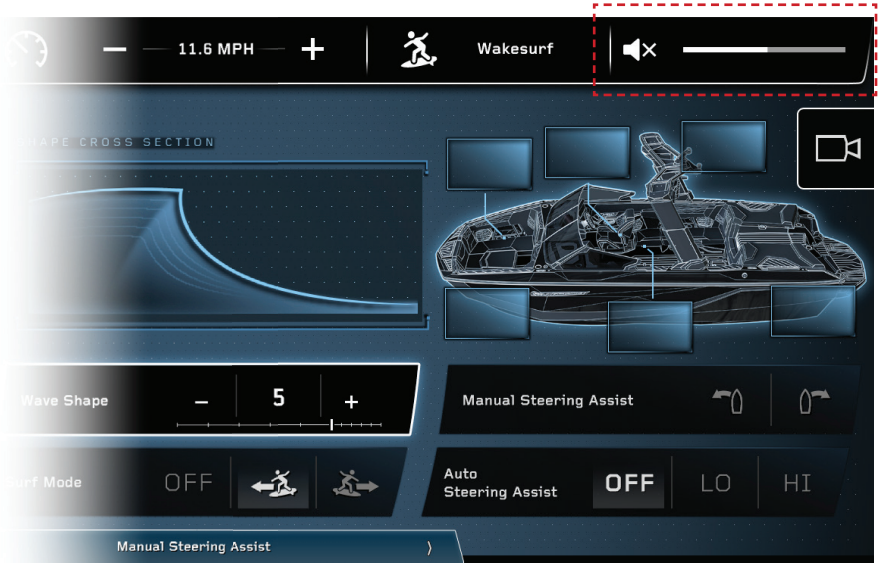
VOLUME CONTROLS - INDICATORS

Below are examples of what the display will look like when interacting with the rotary volume knob.



TURN THE KNOB CLOCKWISE TO INCREASE VOLUME AND COUNTERCLOCKWISE TO DECREASE

HELM COMMAND

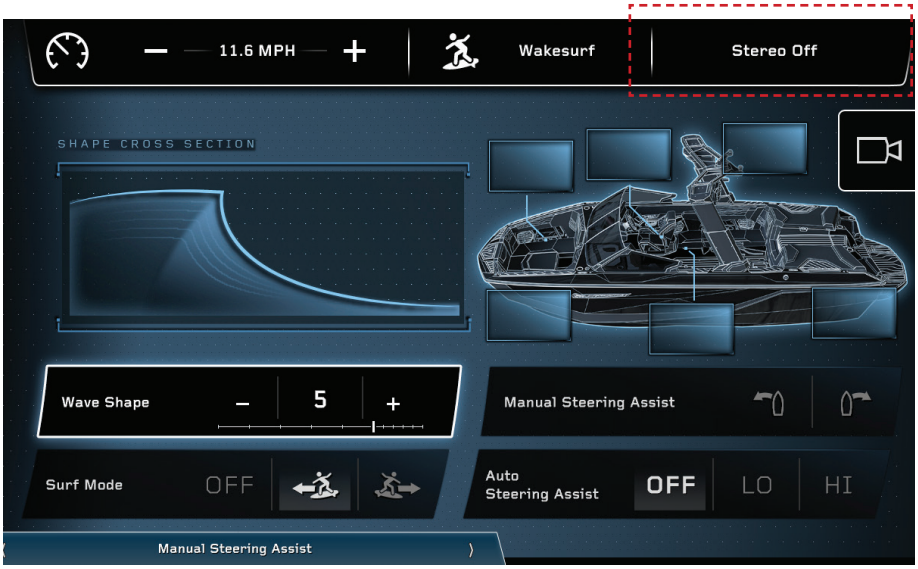


TOP STATUS BAR INDICATING THE STEREO HAS BEEN MUTED

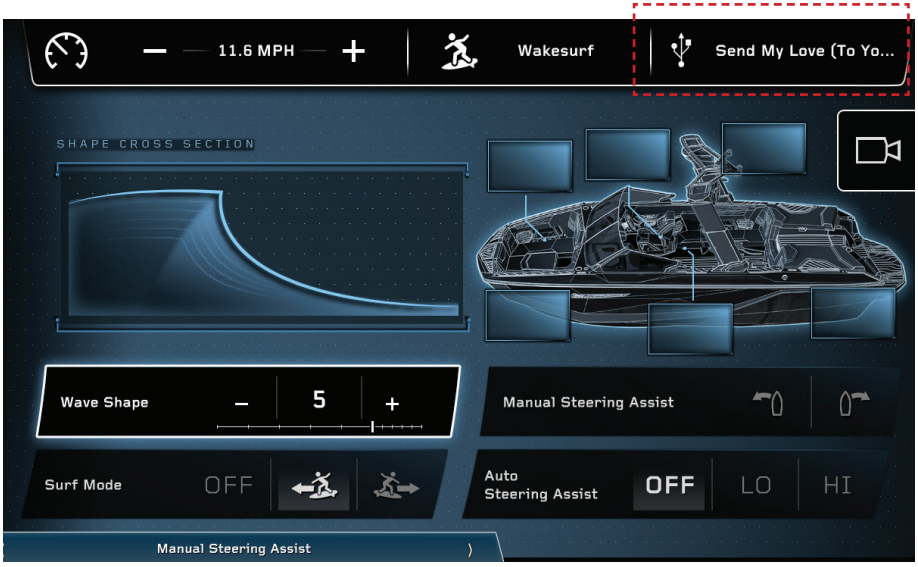


TOP STATUS BAR INDICATING THE STEREO HAS BEEN PAUSED

HELM COMMAND



TOP STATUS BAR INDICATING THE STEREO IS NOT CONNECTED



TOP STATUS BAR INDICATING THE SONG BEING PLAYED

HOME MENU



THE HOME MENU AT SURF SPEED

The Home Menu is dedicated to displaying: 1) functions that control the wake/wave shape behind the boat, and 2) functions that aid the maneuvering of the boat in certain scenarios.

The functions shown will change depending on whether the operator is in a set speed range for surfing (below 13.0 mph) or wakeboarding (13.0 mph or above). It is important to put the set speed in the proper range for the desired towed watersport. Please reference factory-created User profiles for good starting points for settings for each watersport/skill level.

Surf set speeds (below 13.0 mph) - The boat will NOT be planing on top of the water and an asymmetrical wave can be formed behind the boat. "Wave Shape" and "Surf Mode" will be the two functions shown.

> **Wave Shape** - The larger the number, the steeper the wave. The selected value for this will be illustrated by the "Shape Cross Section" graphic above the setting. There are 11 settings (0-10) available when surfing, with finer lip adjustment with the 6-10 settings.
>
> **Surf Mode** - displays if the surf system is on and, if so, which side the surf wave is on. The surfer icon with the arrow pointing to the left indicates the Port side and the surfer icon with the arrow pointing to the right indicates the Starboard side (driver's side). In the screenshot, the surf wave is set on the Port side. To change which side the surf wave is on, simply press the surf wave icon that is not highlighted. If the operator presses the surfer icon that is not highlighted while driving at set speed, the surf wave will quickly move to that side while the boat is underway. If Surf Mode is OFF, then the wave will stay symmetrical behind the boat and will not be large enough on either side to properly surf behind. (NOTE: Surf Mode is not available when Speed Control is Off.)

HOME MENU



THE HOME MENU AT WAKEBOARDING SPEED

Wakeboard set speeds (13.0 mph or above) - The boat should be, in most circumstances, planing on top of the water and have a symmetrical wake formed behind the boat. "Wake Shape" and "Planing Assist" will be the two functions shown.

Wake Shape - The larger the number, the steeper the wake. The selected value for this will be illustrated by the "Shape Cross Section" graphic above the setting. There are six settings (0-5) available when in a wakeboarding set speed range. The 0 setting may be more desirable for waterskiing or tubing.

Plane Assist - helps get the boat on plane quickly and stay on plane in tight turns by moving the actuated Hydro-Plate based on the setting, ballast levels, and other dynamic conditions.

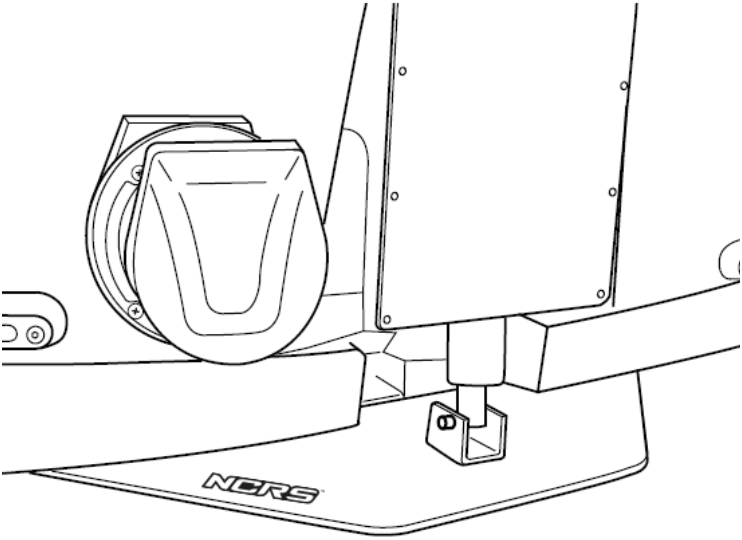
Off - the Hydro-Plate will remain at the Wake Shape position.

Low - the Hydro-Plate will move up or down in smaller increments to help the boat get on plane quickly and stay on plane in tight turns. This setting is recommended for boats that are lightly loaded and have a small number of passengers.

High - the Hydro-Plate will move up or down in larger increments to help the boat get on plane quickly and stay on plane in tight turns. This setting is recommended for boats that are heavily loaded and have a large number of passengers.

Please see the following pages for more details on how Wave/Wake Shape and Planing Assist work in conjunction with the actuated NCRS® and NSS® systems located at the rear of the boat.

HOME MENU



NAUTIQUE HYDRO-PLATE (LOCATED AT THE REAR OF THE BOAT)

NCRS® AND NSS® SYSTEMS

The primary way to control the wake/wave behind the boat is through the Wake/Wave Shape function on the Home Menu. This function helps control the automated NCRS® and NSS® systems and ensures they work in conjunction with one another to produce the desired wake/wave shape.

The NCRS® (Nautique Configurable Running Surface) system is an active vessel control system that uses the Nautique Hydro-Plate (illustrated in the figure above) to change the attitude or running angle of the boat based on user setting, ballast levels, and dynamic conditions. By controlling the boat's attitude, the NCRS® system aids in planing, helps keep the boat on plane in tight turns, and reduces bow rise for improved visibility. NCRS® also functions as a wave/wake shaping device. By varying the Wake/Wave Shape setting, the user can transform the shape of the wake from a rounded mellow ramp to a pro level lip in seconds.

NSS® (Nautique Surf System) is a similar system with actuated plates on either side of the rear of the boat. The Wave Shape setting will inform the NSS® system how much to eject the plates out on either side to produce the desired surf wave.

HOME MENU



THE HOME MENU WITH STEERING ASSIST SHOWN

INTEGRATED STEERING ASSIST

Nautique Integrated Steering Assist incorporates a stern thruster positioned at the rear of the boat to augment steering capabilities during forward and reverse maneuvers, as well as facilitate boat repositioning while at rest.

To ensure safe and proper operation, it's essential to note that this feature can be engaged only when the boat's engine is running and the speed remains below 5 mph (8 kph). This requirement guarantees optimal functionality and prevents any unintended use outside the designated speed range.

WARNING - Just like a boat propeller, the NISA thruster propeller rotates at a high rate of speed and while it is in use the rotating propeller may cause serious injury or death. You should not approach the ladder or swim platform while it is in operation. Even though the propeller is contained within a tunnel, there is a large volume of water pulled through the tunnel by the propeller when it is in use, which results in potential for limbs to be pulled towards the blades.

The NISA thruster is designed for low speed use only. To optimize the run time of the thruster it should be used at rest or with the boat in gear at idle. Sudden increases in speed and sharp turns at increased engine speed can produce turbulence which could result in cavitation of the propeller. In lightly loaded scenarios it is also helpful to have the boat weighted so that it is level port to starboard.

HOME MENU

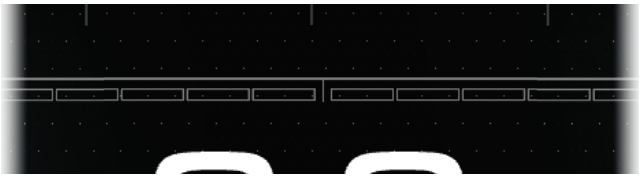
Manual Steering Assist - Bow Port/Bow Starboard - the Manual Steering Assist feature allows the operator to manually reposition the boat while the boat is at rest without: a) input from the steering wheel, or b) having to be in gear. The operator may select either of the four Manual Steering Assist options by either: 1) touching those icons on the display, 2) selecting them with the Helm Command rotary knob, 3) pressing on the left and right customizable arrows surrounding the rotary knob, and 4) using the steering assist throttle control. To select them with the rotary knob, highlight the Manual Steering Assist graphic and then press the knob down like a button. The graphic will then turn white; while the graphic is white, tilt the knob like a joystick left (port) or right (starboard). **Full, 100% thrust will continue to be given for as long as the knob is tilted left/right or for as long as one of the touch points is pressed.**

Auto Steering Assist - Off/Low/High - this will enable the automatic steering assist feature, which will determine the direction and amount of thrust based off of the steering wheel position and the direction the throttle is put into gear. In forward gear, moving the wheel to starboard will cause the bow to move to starboard. Moving the wheel to port will cause the bow to move towards port. When the boat is in reverse gear, moving the wheel to starboard will cause the transom to move towards starboard. Moving the wheel to port will cause the transom to move towards port (just as a car would steer in reverse backing up).

With the wheel "centered" there will be no output commanded from the Automatic Steering Assist. There is a "dead band" with the wheel centered and just off center to the port and starboard to allow a neutral area/starting point. As the wheel is moved outside the "dead band" the gauge on the display indicates amount of thrust being commanded. (This is also an indication of steering wheel/rudder position.) Use the minimal amount of thrust required to get the response needed for the maneuver in order to optimize run time of the thruster. This means rotating the wheel slowly from the "dead band" in the direction you desire until the desired amount of movement of the boat is achieved. It is also best practice to keep the thruster on the lowest thrust setting required for load or conditions.

Please see the following page for additional information on Nautique Integrated Steering Assist and how it is presented on the Gauge display (left screen).

HOME MENU



GREY COLORED GRAPHICS, STERN THRUSTER NOT IN USE AND AUTO STEERING ASSIST OFF



WHITE COLORED GRAPHICS, STERN THRUSTER IN USE AND AUTO STEERING ASSIST ON

GREY Colored Graphics (top image) - the NISA stern thruster is not currently in use.

WHITE Colored Graphics (lower image) - the NISA stern thruster is currently in use, either from the Automatic Low/High setting or from one of the Manual port/starboard inputs. If the stern thruster is in use from the Low/High Automatic settings, the amount of thrust will be determined by the steering wheel position (so 2/5 of available thrust would be given in the image above with the two solid blue bars).

HOME MENU



GPS RIVER MODE FOR BOATS EQUIPPED WITHOUT PADDLE WHEEL

GPS RIVER MODE*

***NOTE:** River Mode is turned on/off from the Preferences Menu. River Mode is turned off by default and River Mode functions will **not** be displayed on the Home Menu unless the setting is turned on in the Preferences Menu.

LINC's GPS River Mode is a feature that allows the driver to keep the boat's speed-over-water constant at the push of a button when a current is present.

The above image illustrates what River Mode will look like on the Home Screen when the optional Paddle Wheel speed control is NOT equipped. It is a GPS-based river mode where the operator will need to estimate the river current speed. To compensate for the river current, the boat's speed-over-ground or "GPS speed" must be adjusted up or down, depending on the direction of the boat relative to the current. GPS River Mode has two key settings:

River Current - should be pressed when driver is changing directions from traveling against the current to traveling with the current, or vice versa.

River Offset - should be adjusted up or down to equal the estimated current speed. This offset number will be added to or subtracted from the GPS speed depending on the River Current direction.

In River Mode, the number displayed as the current speed in the Gauge screen is the speed-over-water. Speed-over-water is the GPS speed plus or minus the River Offset number (-1.5 mph in the image above since the boat is traveling with the current flow).

HOME MENU



PADDLE WHEEL SETTINGS IN THE PREFERENCES MENU

PADDLE WHEEL RIVER MODE*

***NOTE:** River Mode is turned on/off from the Preferences Menu and is turned off by default. The Preferences screenshot above will look different if you do not have the Paddle Wheel option on your boat.

If your boat is equipped with optional Paddle Wheel speed control, the River mode will operate differently from GPS River Mode. When River Mode is turned ON for boats equipped with a Paddle Wheel, then it will use the paddle wheel device to determine speed instead of the GPS antenna. No additional River Mode settings will be shown on the home screen.

In most conditions, GPS is more accurate, but, when in a river or body of water with a current, the GPS system does not account for the speed of the river current. It is recommended to turn River Mode on ONLY when in a river or body of water with a current in boats equipped with Paddle Wheel.

On the Preferences page, an additional setting will appear for boats equipped with Paddle Wheel speed control:

> **Paddle Wheel Offset -** lets the operator adjust the offset of the paddle wheel speed input. The Paddle Wheel Offset is calibrated from the factory, so it is recommended that the operator leave this setting alone unless they suspect that the Paddle Wheel needs re-calibrating so that the boat can achieve the proper speed. When in doubt, contact your local dealer if you think the boat is measuring the incorrect speed or you need to adjust the Paddle Wheel Offset.

HOME MENU



THE AWARENESS CAMERA ICON HIGHLIGHTED ON THE HOME MENU

AWARENESS CAMERA (INTERACTIVE DISPLAY)

The Awareness Camera is mounted at the top of the tower and it allows the operator to have a wide angle view of the back of the boat. To view the awareness camera, the operator can navigate to the camera icon in the upper right corner of the Home Menu.

Selecting the X icon in the upper right corner will remove the Awareness Camera pop-up.

There is an Auto Awareness Camera setting on the Preferences menu. If this is turned on, the Awareness Camera will automatically appear on the Home Menu when the boat is at lower speeds.

HOME MENU

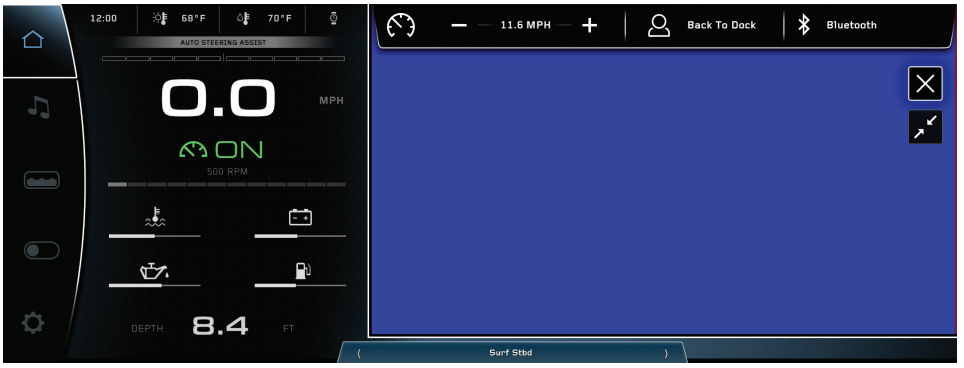
While the awareness camera is up and on you have the ability to toggle between a minimized and expanded version of the live feed.

Selecting the expansion button will grow and expand the awareness camera to maximum resolution.



AWARENESS CAMERA (MINIMIZED VIEW)

Selecting the minimize button will shrink or minimize the live feed to its original resolution. Note that you can also close the menu entirely by pressing on the X button in the top right.



AWARENESS CAMERA (EXPANDED VIEW)

AUDIO MENU



THE AUDIO MENU

The Audio Menu provides universal control to the audio system, containing all of the same controls and settings as the stereo head unit.

The Audio Menu contains the following items:

Currently playing track and artist (or radio station)

Previous Track/Next Track (or seek backward/seek forward) - skips to the previous song or the next song if using Bluetooth or USB inputs (or it will change the frequency/channel if using AM, FM or SiriusXM sources)

Play/Pause (or Unmute/Mute) - will toggle Play/Pause if using Bluetooth or USB inputs (or it will toggle Unmute/Mute if using AM, FM, SiriusXM or Auxiliary inputs)

Auto Volume - a feature that gradually increases/decreases the overall volume of the audio system as the operator increases/decreases the speed of the boat.

Here's how it works:

Let's say the operator is driving at 2 mph and lowers the volume to "5." From that point on, whenever the operator goes below 5 mph, the volume will automatically be set to "5" again. Similarly, if the operator is driving at the set speed (shown as 11.6 mph in the image above) and increases the volume to "31," the volume will stay at "31" whenever the operator reaches the set speed again. The Minimum and Maximum volume values will remain unchanged until the operator adjusts the volume below 5 mph (changing the Minimum) or adjusts the volume at the set speed (changing the Maximum).

AUDIO MENU

Source - The source name and icon will dynamically change depending on which source is chosen. Additional functionality may appear on the Audio Menu when certain sources, like Bluetooth and USB, are chosen.

Pressing the Source function will bring up a pop-up menu that offers the following source options to be selected:

Bluetooth - stereo plays audio from a Bluetooth-connected device. Additional pairing and connecting functionality will appear when Bluetooth is selected. "Enter Pairing Mode" searches for nearby Bluetooth devices to pair with. Please ensure that the Bluetooth device you are trying to connect with is in "discoverable mode" before pressing pair. Once connected, music from the device can be played through LINC. Previously connected devices can be accessed through the "Bluetooth Devices" pop-up menu.

USB - stereo plays from a device connected to the USB port in the passenger's side glove box. Shuffle, Repeat and USB File Menu Functions will appear when USB is selected. The USB File Menu function will bring up a pop-up menu that will allow the operator to navigate through the folders and files that are on the USB-connected device. Please note that it may take a while for the system to load all of the folders/files that are stored on the USB device.

Aux Input - stereo plays from the 3.5 mm Auxiliary input

SiriusXM - stereo plays SiriusXM satellite radio channels

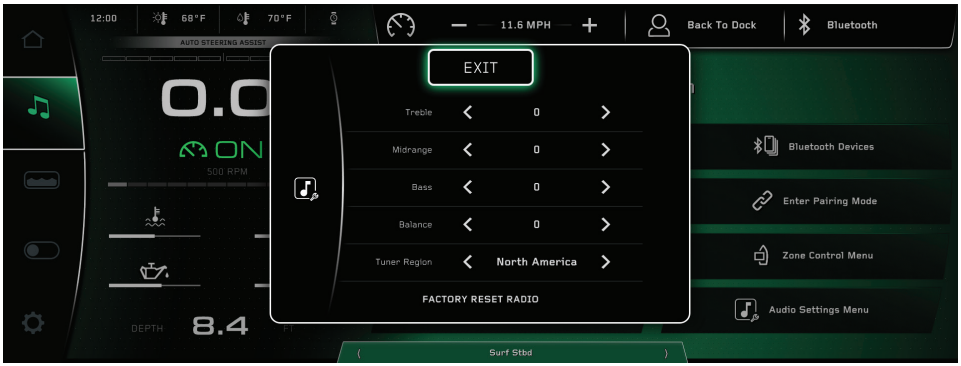
FM radio - stereo plays FM radio frequencies

AM radio - stereo plays AM radio frequencies

Stereo Off - stereo is turned off

Please see the following pages for additional Audio setup functions and settings.

AUDIO MENU



THE AUDIO SETTINGS POP-UP ON THE AUDIO MENU

The Audio Setup pop-up menu enables operators to fine-tune the audio system to their preferences. The operator can adjust the overall Treble, Midrange, Bass, and Balance from this pop-up menu.

Treble - modifies sounds from the audio system that are high in pitch

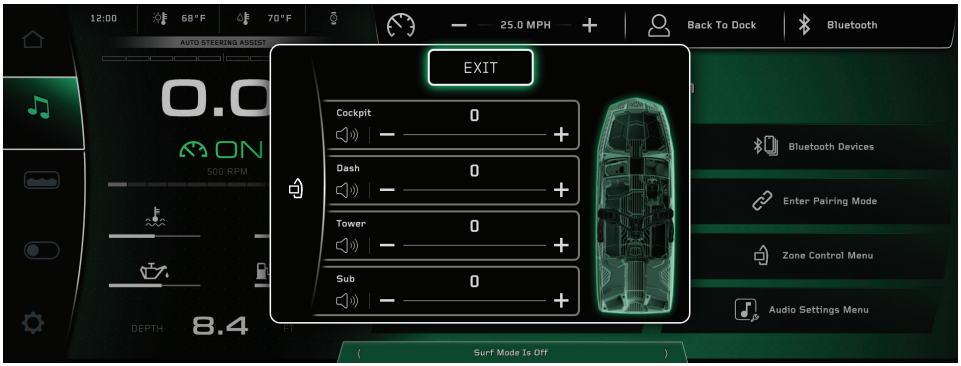
Midrange - modifies sounds from the audio system that are in the frequency range between 250-2000 Hz

Bass - modifies sounds from the audio system that are low in pitch

Balance - adjusts the sound port-to-starboard (left-to-right). Increasing the balance will increase the volume on the starboard side of the boat and decrease the volume on the port side of the boat and vice versa.

Tuner Region - Configures AM/FM tuner range/scale for a specific region and removes SiriusXM outside North America

AUDIO MENU



ZONE CONTROL POP-UP IN THE AUDIO MENU

ZONE CONTROL

The Zone Control pop-up enables users to adjust sound levels and volumes of individual zones throughout the boat and features an overhead boat graphic on the far right side with four zone control functions overlaid on top. When a particular zone is selected, the corresponding section on the boat overhead graphic will become visible. The volume gains can be adjusted for the following zones:

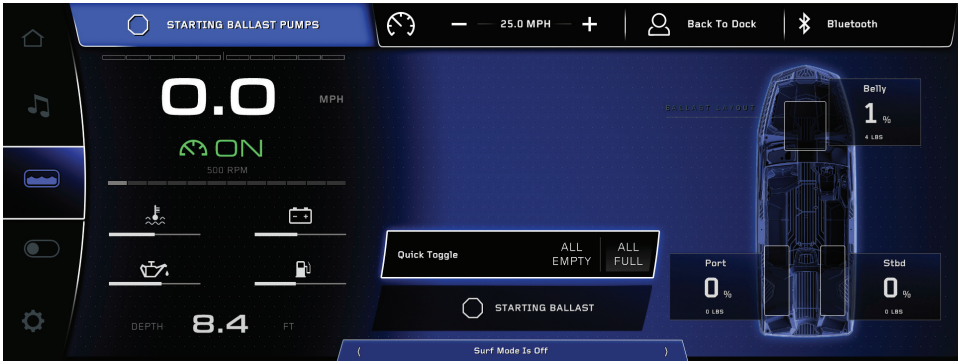
Cockpit - controls the main speakers in the bow and cockpit

Dash - controls the two speakers under the dash on the Driver's and Passenger's sides

Tower - controls the speakers in the tower

Sub - controls the subwoofer(s) embedded in the below-deck compartments

BALLAST MENU



THE BALLAST MENU

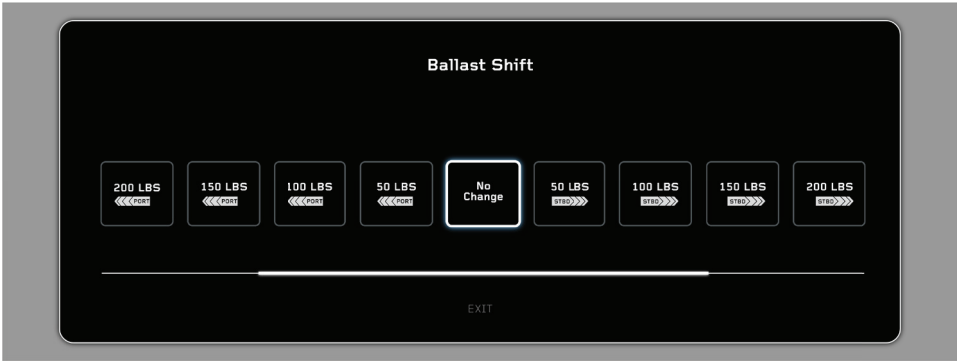
Nautique G series boats contain integrated ballast tanks that use pumps to fill or drain the tanks with water, for the purpose of enhancing the wake size for wakeboarding or wave size for wakesurfing. The Ballast Menu allows the operator to adjust how those ballast tanks are filled or drained. This menu features an overhead graphic on the right side with an illustration of each tank and its current level. The levels for each tank will change blue whenever that particular ballast tank is filling or draining. A smaller, corresponding overhead ballast graphic is permanently shown on the Gauge display as well (left screen). If an operator presses “Fill” on a particular tank, the pump will turn on and continue to fill that tank until it is 100% full. The operator may, at any time, press “stop pump(s)” to turn the pump(s) off. Note that the display will indicate a “Starting Pumps” status in the top left, when any tank is directed to fill. This relays to the user that there is a slight delay between pressing fill tanks and the pump actuators opening to fill that tank. You may hear an audible indication as well, alerting you that your tanks are in the process of filling.

If an operator presses “Drain” on a particular tank, the pump will stay on and continue to drain that tank until it is completely empty, at 0%. Once again, the operator may, at any time, press “stop pump(s)” to turn the pump(s) off .

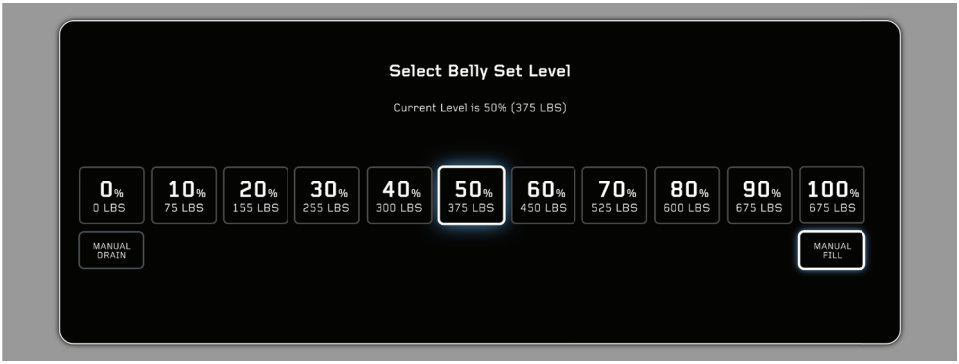
The Quick Toggle feature allows the operator to fill or drain all ballast tanks simultaneously by selecting All Full or All Empty.

Ballast Shift allows the operator to shift weight Port-to-Starboard, or vice versa, in 50 lb (23 kg) increments. This is useful when the boat is slightly unbalanced and needs to have weight adjusted in small increments.

BALLAST MENU



THE BALLAST SHIFT POP-UP MENU

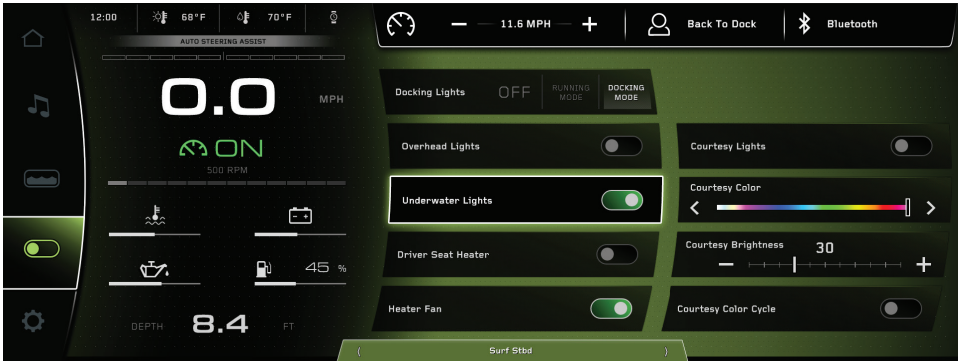


A BALLAST SET LEVEL POP-UP MENU (BELLY SHOWN)

To set an individual ballast tank to a specific level, select one of the blue rectangular boxes overlaid on top of the overhead graphic. A Set Level pop-up menu will then appear for that tank. Select the desired level and the corresponding ballast pump will fill/drain that tank to the desired level.

Remember, specific ballast set levels can be saved to User profiles for quicker access to customized settings for future use.

SWITCHING MENU



THE SWITCHING MENU

***NOTE** - Some of the functions shown in above screenshot are optional and are not equipped on every boat.

****NOTE** - The Nav/Anchor light switch is located on the helm command keypad on the driver's armrest. The passenger seat heater switch (if equipped) is located in the glove box compartment.

The Switching Menu displays digital switches for lights, the heater fan and the seat heater pads in the driver's seat. This menu also features an overhead graphic that points out key features of the boat.

Docking Lights - turns the docking lights at front of the bow on/off

Overhead Lights - turns the lights under the tower on/off

Underwater Lights - turns the underwater lights at the stern of the boat (under the waterline) on/off

Driver Seat Heater - turns the Driver seat heating pads on/off

Heater Fan - turns the heater fan on/off

Courtesy Lights - turns all of the courtesy lights on/off

Courtesy Brightness - adjusts the brightness of the courtesy lights in increments of 10%

SWITCHING MENU

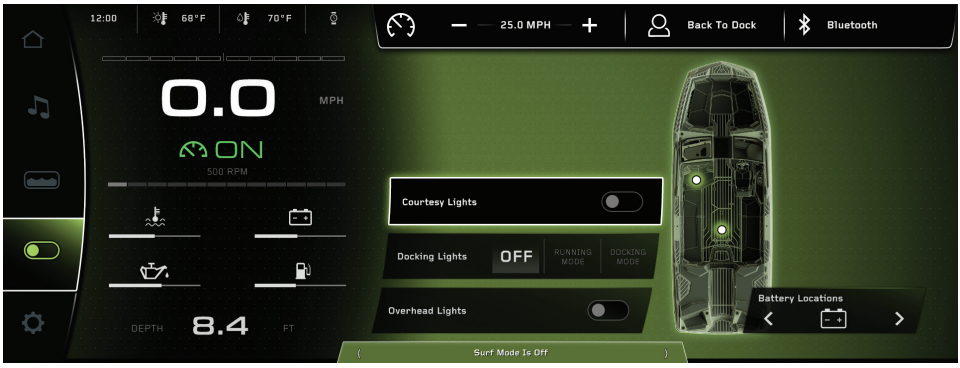
Courtesy Color - will select one color for all courtesy lights (unless Courtesy Color Cycle is turned on). White will be selected by default. Users can scroll through the spectrum bar either by touch point or by using the Helm Command rotary knob.

Courtesy Color Cycle - will constantly cycle through multiple colors if turned on. The courtesy lights will slowly fade from one color to another.

An overhead boat graphic can appear on the right side of the screen, depending on how the boat is equipped. This graphic illustrates where key features are located on the boat. The shown features that can be cycled through are:

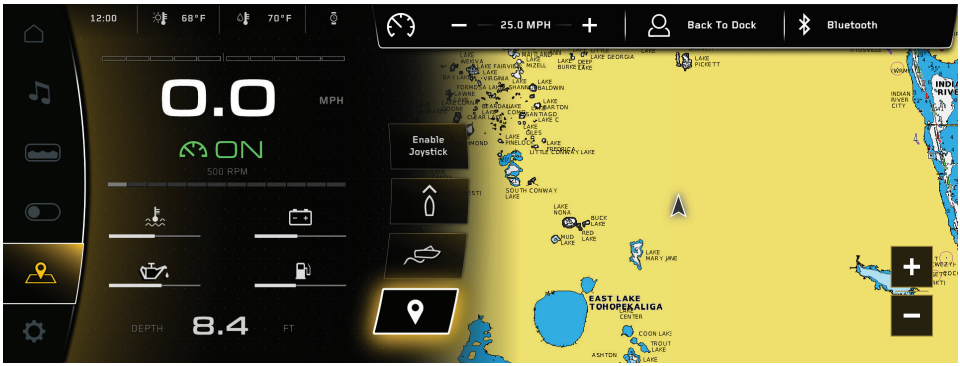
12 Volt Outlets
USB Inputs
3.5 mm Auxiliary Input
T-Handle Drain
Batteries
Bilge Pump

The operator cannot control any of these overhead graphic features through LINC; this is meant to simply display the location of those features for reference.



SECONDARY VIEW WITH BOAT OVERHEAD

MAPS MENU



MAPS MENU

***NOTE** - GPS mapping is an optional feature. If your boat is not equipped with GPS mapping, then this menu will not appear on the Interaction Screen.

The Maps Menu displays an overhead GPS map of the surrounding area of the boat. The boat's current location is represented by a green boat icon, and with surrounding bodies of water shown in shades of blue and white. The different shades of blue and white illustrate approximate depths of water. Depths may not be available for smaller, uncharted bodies of water.

The Maps menu contains four predominant functions:

Enable Joystick - if selected, enables the operator to move around the map by moving the Helm Command knob like a joystick. The operator can joystick in four directions: up, down, left, and right.

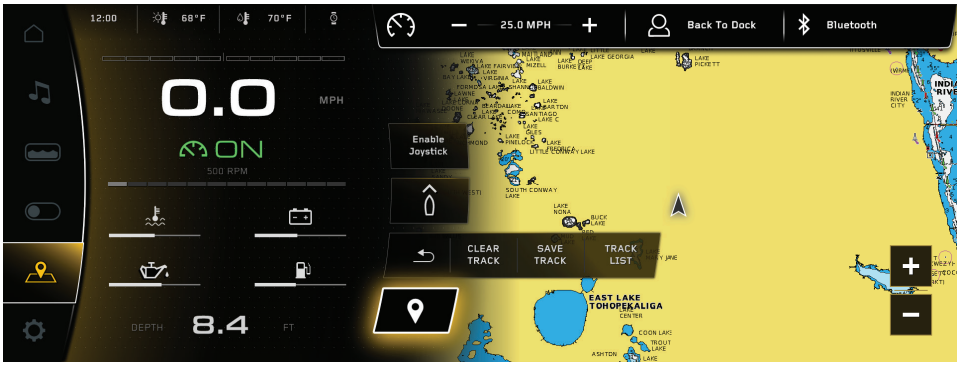
Course Up/North Up - toggles orientation of the map. Course Up will rotate the map according to where the front of the boat is pointed to. North Up will always orient the map to where North is at the top of the screen.

Track Manager - Manage boat tracks and trips

Waypoint Manager - View, Set, and change various mapped waypoints

In addition to the four predominant functions, there is a plus/minus function on the bottom right-hand side of the screen. These elements are dedicated to zoom in/zoom out features. Touch controls will allow you to zoom in on a given point on the map or zoom out. You can also enable joystick to zoom in/out with the helm control rotary knob.

MAPS MENU



TRACK MANAGER: UI ELEMENTS/OPERATOR OPTIONS

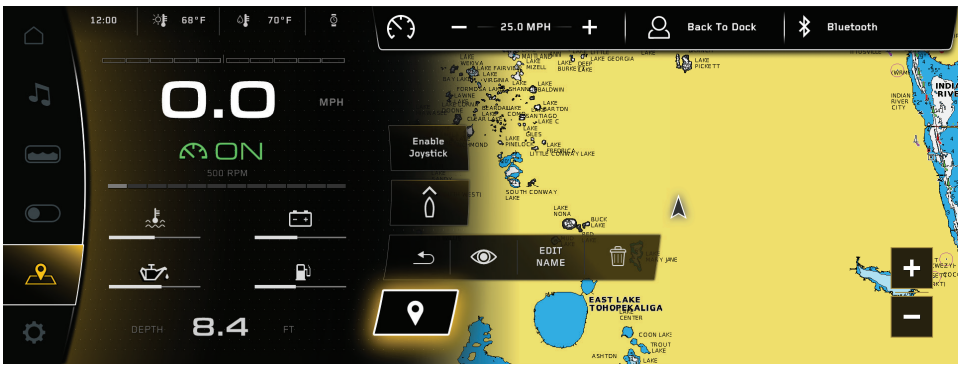
The above figure shows the four main elements that make up Track Manager:

Go Back - Takes you to the last selected menu. To exit entirely, continue selecting the back arrow until you've returned to the desired location/ position

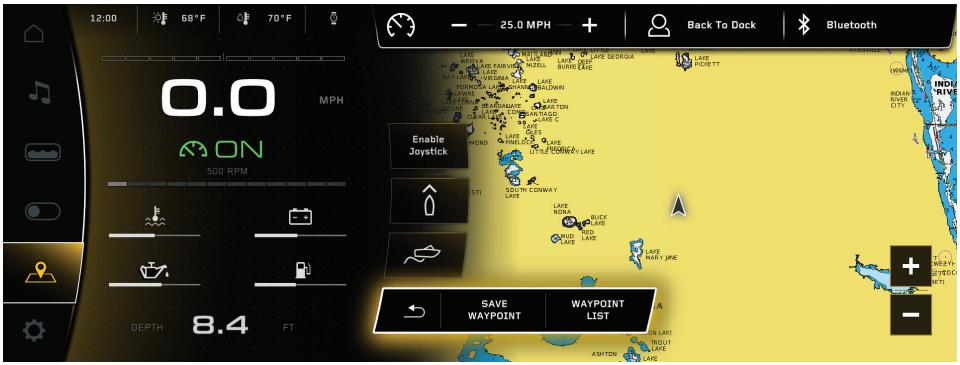
Clear Track - Will clear the currently unsaved track that will always display on the map

Save Track - Saves a new track and will allow you to edit with a specified name

Track List - Allows the operator to manage existing and saved tracks. From there the operator can choose from a list of existing tracks, edit the name of the track, show/hide on the map, or delete the track entirely (see image below)



MAPS MENU



WAYPOINT MANAGER (SAVE/EDIT WAYPOINT)

WAYPOINT MANAGER

When the operator selects Waypoint Manager, they can either save or edit existing list of waypoints. Saving will enable the user to choose a name/icon for that waypoint. List waypoints lets the operator choose between existing/saved waypoints and from there can edit the name/icon, or delete a waypoint entirely.

Go Back - goes back to the list of waypoints

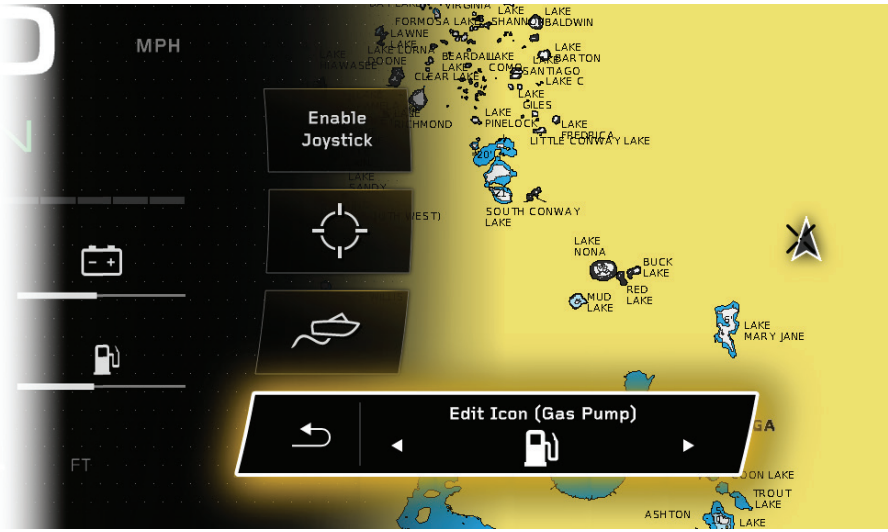
Edit Name/Icon - Allows changes or edits to the name of the waypoint. Four icons are available for waypoints: fish, anchor, gas pump, or flag.

Show/Hide on Map - Moves the map to the saved waypoint, or hides the icon on the displayed map

Delete Waypoint - Deletes the waypoint entirely



MAPS MENU

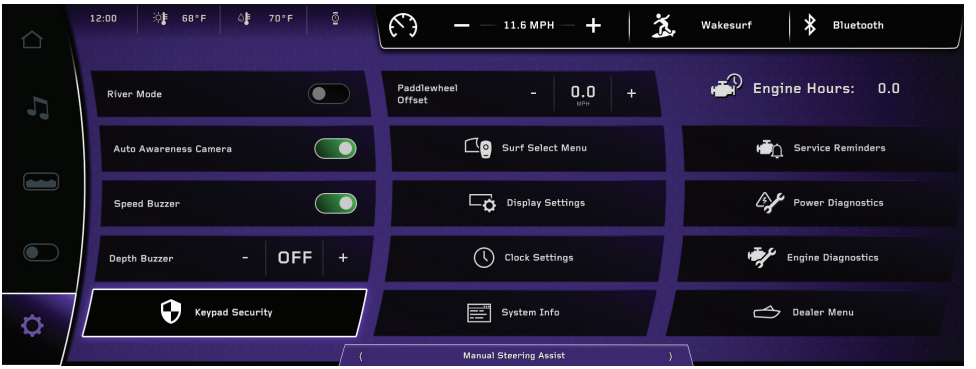


WAYPOINT MANAGER: EDIT AN ICON

MAKING CHANGES

The above image shows the interaction displayed when changing an existing icon. Using helm command or touch points, the operator can toggle between the left and right arrows to choose between different icon selections (Flag, Gas Pump, Fish, or Anchor).

PREFERENCES MENU



THE PREFERENCES MENU

***NOTE** - Some of the functions shown in above screenshot are optional and are not equipped on every boat.

The Preferences menu contains the interface settings of both the Gauge and Interaction display units.

River Mode - allows the driver to keep the boat's speed-over-water constant when a current is present. Will add extra River Mode functions on the Home Screen for non-Paddle Wheel boats.

Auto Awareness Camera - If turned on, the video from the awareness camera will appear on the right side of the Home Menu when the boat is moving at lower speeds.

Speed Alarm - the LINC unit audibly buzzes when the set speed is achieved.

Depth Alarm - the LINC unit audibly buzzes when the boat is in shallow waters, and buzzes when the minimum depth is reached.

Keypad Security - Allows a user to create multiple codes used to unlock their boat.

Paddle Wheel Offset* - lets the operator adjust the offset of the paddle wheel speed input. The Paddle Wheel Offset is calibrated from the factory, so it is recommended that the operator leave this setting alone unless they suspect that the Paddle Wheel needs re-calibrating so that the boat can achieve the proper speed. When in doubt, contact your local dealer about the Paddle Wheel Offset.

PREFERENCES MENU

Surf Select Menu* - a pop-up menu that shows settings related to Surf Select. When Surf Select is turned on, it allows certain settings to be changed by someone who is riding/surfing behind the boat with the Surf Select Remote or through the Surf Select App on a Garmin Watch. There are also ways to pair a Surf Select compatible remote or watch through this menu.

Display Settings - a pop-up menu that allows the operator to control brightness and the selected unit of measurement. (See image on following pages for reference.)

Clock Settings - a pop-up menu that shows clock settings like time zone, Daylight Savings Time on/off, and 12/24 hour modes. (See image on following pages for reference.)

System Info - a pop-up menu that identifies the LINC display and the current software installed on the display.

Service Reminders - a pop-up menu for settings related to Service Reminders. This pop-up menu will allow the user to set certain time thresholds for when to be reminded to service their boat. This can be helpful for routine maintenance operations (oil changes, for instance). (See image on following pages for reference.)

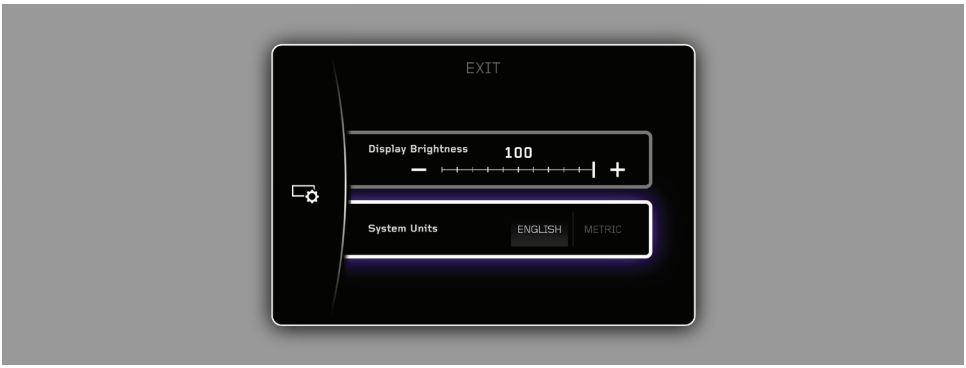
Power Diagnostics - a full-screen mode that displays a list of circuit fault codes and descriptions; the operator can reset faults here. Pressing the back arrow will return the operator to the main Preferences page. (See image on following pages for reference.)

Engine Diagnostics - a full-screen mode that displays a list of engine fault codes and descriptions. On some engines, corrective action will be shown. There is also a vertical "Fault Log" tab that will show prior stored faults. Pressing the back arrow will return the operator to the main Preferences page.

Dealer Menu - a full-screen mode that displays a menu that give dealers/technicians access to change critical settings/options for the boat. This menu is password protected to prevent the customer from adjusting critical boat settings that may negatively affect the operation of the boat.

In addition to these functions, there is also an Engine Hours readout located in the top right corner.

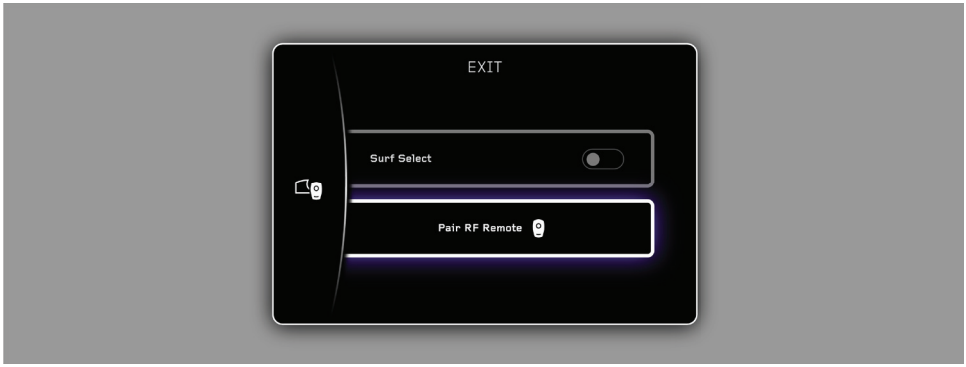
PREFERENCES MENU



DISPLAY SETTINGS POP-UP MENU

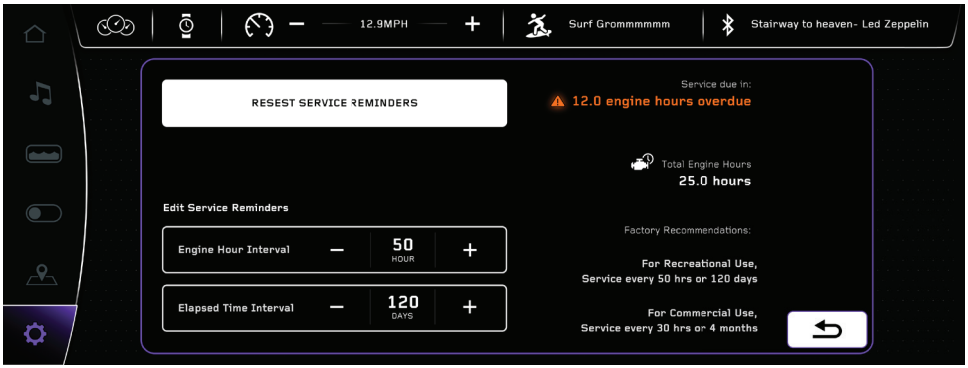


CLOCK SETTINGS POP-UP MENU

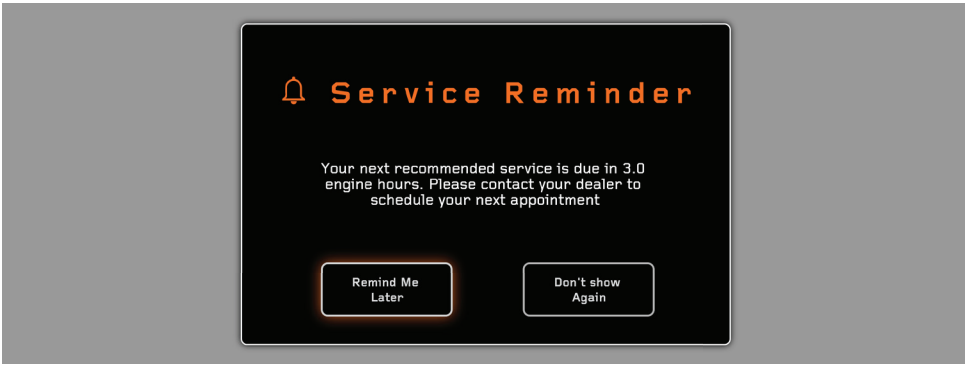


SURF SELECT POP-UP MENU

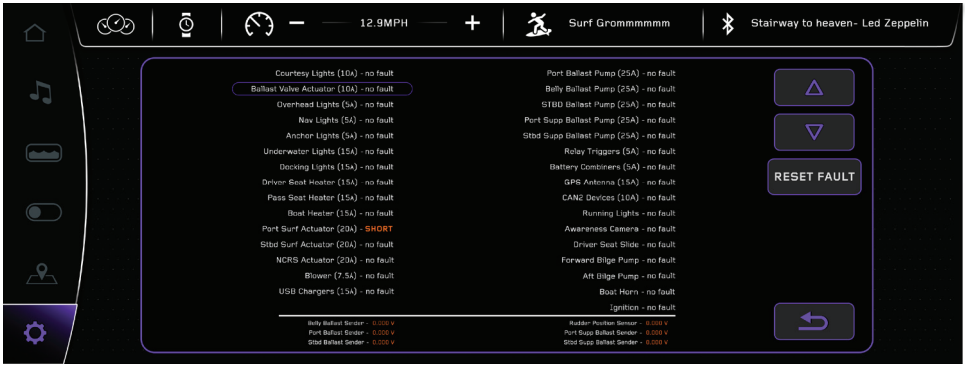
PREFERENCES MENU



SERVICE REMINDERS SUB-MENU



SERVICE REMINDER POP-UP MESSAGE



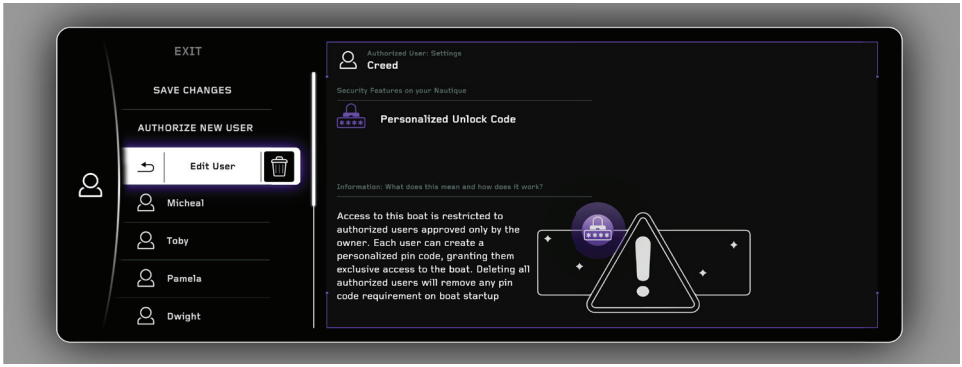
POWER DIAGNOSTICS

PREFERENCES MENU - KEYPAD SECURITY

AUTHORIZING A NEW USER - After selecting the keypad security menu through either helm command or touch controls you can: 1) authorize a new user, 2) Manage/Delete existing users, and 3) access all codes used to unlock your boat.

To create a new pin code, select authorize new user and follow the steps to create either a 4- or 5-digit pin code. You will need to enter a name associated with that code and will be asked to enter your pin code twice to confirm before saving that code in the system.

Once a code is in the system, it, along with any other code programmed into this menu, can be used to unlock the boat at any time.



KEYPAD SECURITY POP-UP MENU



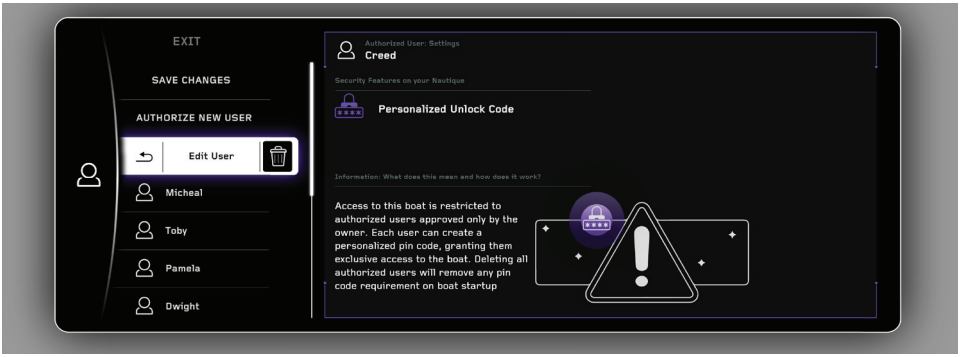
KEYPAD SECURITY POP-UP (EDIT NAME SELECTION)

PREFERENCES MENU - KEYPAD SECURITY



KEYPAD SECURITY POP-UP (EDIT NAME SELECTION)

DELETING AN EXISTING USER - To delete an existing user, scroll down to the desired selection with either helm command or through touch controls. Once that user has been selected, you have two options: 1) you can edit the existing user's name, assigning that pin code to a different person, or 2) you may delete the authorized user entirely.



KEYPAD SECURITY POP-UP (DELETE USER SELECTION)

PREFERENCES MENU - KEYPAD SECURITY

USING/ENTERING PIN CODE

Once a code has been authorized in the keypad security menu, it can then be used to unlock and start the boat. The same is true for any pin code that gets authorized in the future.

Upon starting up the boat, press the start/stop button once (located to the right just below the steering wheel). After a single press, the button will again glow white and the display will turn on/boot up. However, now that a pin code has been added, the displays will boot up and open to a pin code entry page.



BOOT-UP INDICATING PIN CODE MUST BE ENTERED TO UNLOCK THE BOAT

Now, you can enter any pin code that has been authorized in the keypad security menu. Using either touch controls or helm command, select the numbers corresponding with your code. When finished, select "OK."

To delete a number, press or select the back arrow, located at the bottom left of the code entry pad.

PREFERENCES MENU - KEYPAD SECURITY

ERROR/INCORRECT ENTRY

If the code you entered is: 1) not recognized by the system, or 2) was entered incorrectly, you will see the "hidden" digits on the entry field show up red. See image below. Please try again until the pin you enter correctly matches one of the codes authorized in the keypad security menu.



WARNINGS AND POP-UP MESSAGES



HIGH BILGE ALERT POP-UP MESSAGE

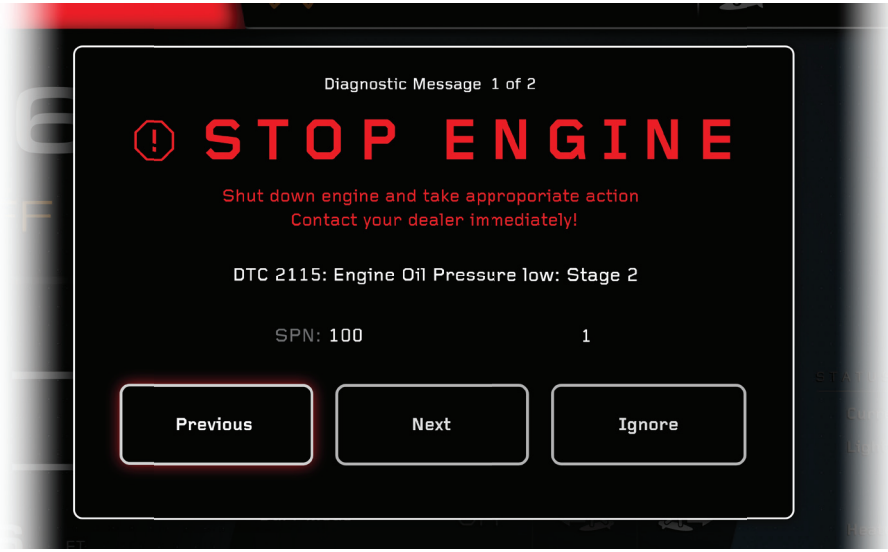
ENGINE DIAGNOSTIC MESSAGE - HIGH BILGE USAGE

If a "High Bilge" pop-up message appears, it indicates that the bilge pumps have been running continuously for 2 minutes. Your immediate action should be to inspect the bilge for any signs of excessive water intake and take appropriate measures.

If you find a significant amount of water in the bilge, it's advisable to navigate to a dock or shallow waters along the shore for safety. In the absence of water in the bilge, check for debris and remove if necessary.



WARNINGS AND POP-UP MESSAGES



STOP ENGINE POP-UP MESSAGE

ENGINE DIAGNOSTIC MESSAGE - STOP ENGINE

If a Stop Engine message appears, the operator should shut down the engine (via "STOP" button on keypad) as soon as possible, in a safe manner.

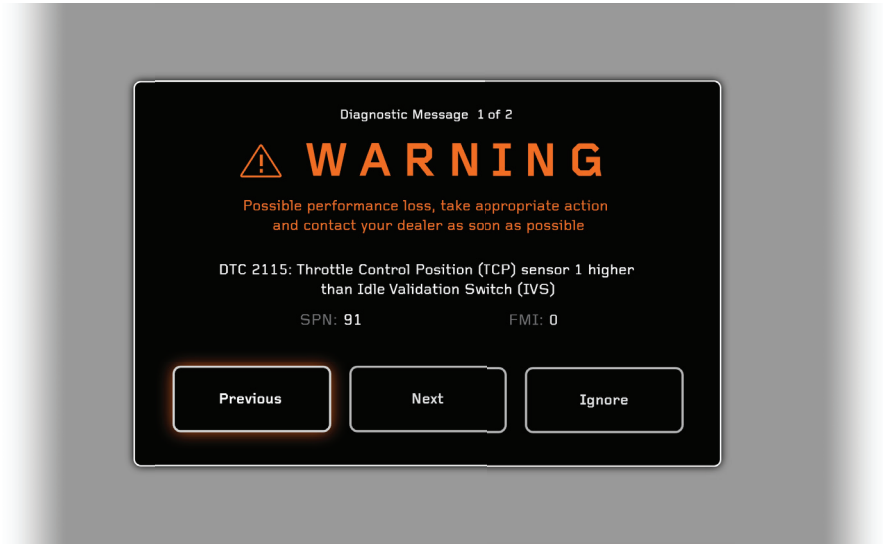
It is strongly advised that you contact your Nautique dealer immediately when a diagnostic message appears.

If an engine diagnostic message appears, it will give you the DTC number (Diagnostic Trouble Code) and message, the SPN (Suspect Parameter Number) and FMI (Failure Mode Indicator) number. These numbers follow standards set by the engine manufacturer or SAE J1939.

Pressing Previous or Next will cycle through the diagnostic messages and pressing Ignore will close the diagnostic message window. If Ignore is pressed, a smaller message will appear in upper left hand corner of the screen until the problem is corrected (see image below).



WARNINGS AND POP-UP MESSAGES



ENGINE DIAGNOSTIC POP-UP MESSAGE

ENGINE DIAGNOSTIC MESSAGE - WARNING

It is strongly advised that you contact your Nautique dealer immediately when a diagnostic message appears.

If an engine diagnostic message appears, it will give you the DTC number (Diagnostic Trouble Code) and message, the SPN (Suspect Parameter Number) and FMI (Failure Mode Indicator) number. These numbers follow standards set by the engine manufacturer or SAE J1939.

Pressing Previous or Next will cycle through the diagnostic messages and pressing Ignore will close the diagnostic message window. If Ignore is pressed, a smaller message will appear in upper left hand corner of the status bar until the problem is corrected (see image below).



WARNINGS AND POP-UP MESSAGES



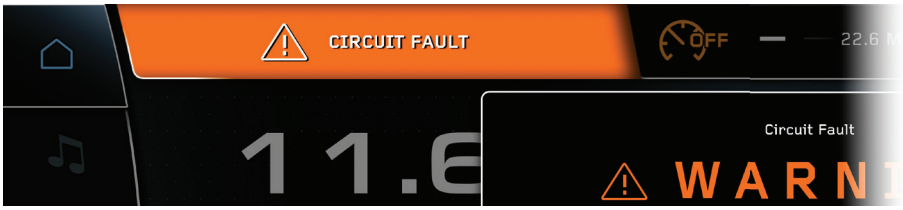
CIRCUIT FAULT POP-UP MESSAGE

CIRCUIT FAULT MESSAGE - WARNING

It is strongly advised that you contact your Nautique dealer immediately when a circuit fault appears.

If a circuit fault message is displayed, a brief description will appear.

Pressing Details will provide more information on the circuit fault and pressing Ignore will close the diagnostic message window. If Ignore is pressed, a smaller message will appear in upper left hand corner of the status bar until the problem is corrected (see image below).



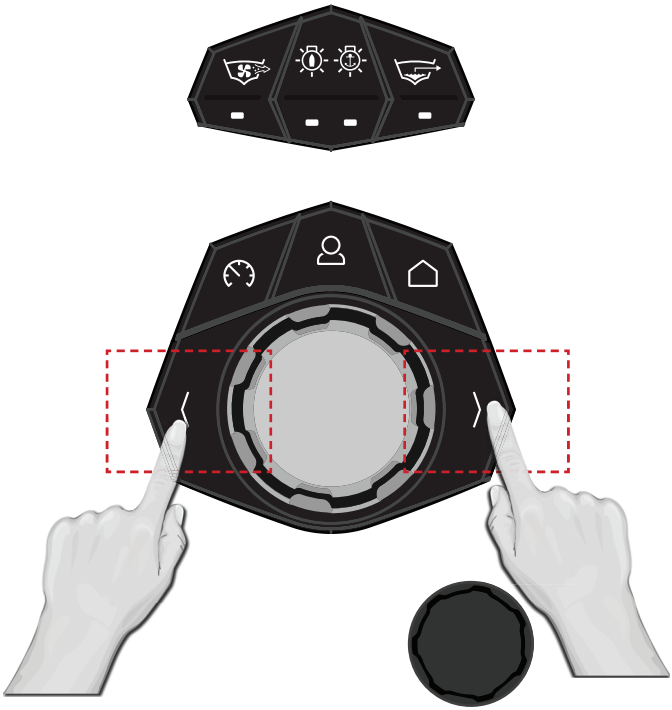
HELM COMMAND - FAIL-SAFE

USING HELM COMMAND - FAIL-SAFE MODE

If your boat has a User unlock code programmed into the system and you cannot access the LINC display or touch controls, Nautique has created this "Fail Safe Mode" to allow you to enter your User unlock code.

Entering Fail-safe mode will allow an operator to start the boat in an emergency situation. If the display is inoperable or will not turn on, there will be no way to adjust set speeds, ballast, or similar situations.

To enter Fail-safe mode, press and hold the left and right arrow buttons together for 4 seconds. You will see the lights on the keypad alternate between red and white when done properly. This will indicate to the operator that they are now able to use helm control as an alternate keypad to enter your code.

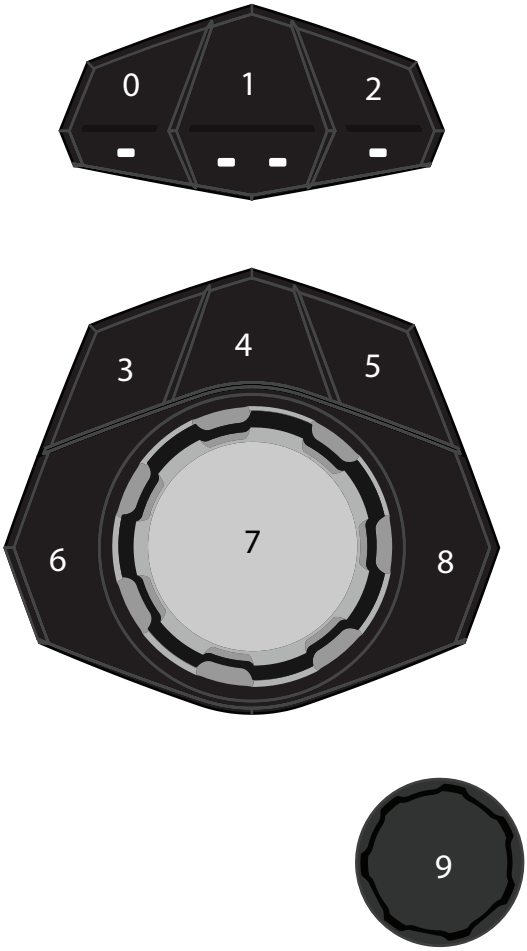


HELM COMMAND - FAIL-SAFE

FAIL-SAFE PROCEDURE - ENTERING YOUR CODE

After holding the left and right arrows for 4 seconds, you will then be able to enter your code using the keypad accordingly. The keypad will automatically exit this fail-safe mode when it sees a valid code has been entered and when a user turns off the battery switch.

Blower=0
Light=1
Bilge=2
Speed Control=3
Users=4
Home=5
Left Arrow=6
Rotary Knob=7
Right Arrow=8
Volume Knob=9



HELM COMMAND SHOWING BUTTONS THAT CORRESPOND WITH PIN CODE NUMBERS