



LINC PANORAY - 12" SINGLE DISPLAY

2027 OWNER'S MANUAL

SKI NAUTIQUE 3 EVENT

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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 micro fiber cloth should be used for cleaning the display. Window cleaner or alcohol should also be used to clean the glass portion of the displays, but DO NOT spray any cleaner directly onto the LINC screen. Spray the cleaner onto the microfiber cloth and then wipe the LINC screen.



OVERVIEW



TOUCHSCREEN DISPLAY

LINC Panoray features a 12.4" 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



ZERO OFF SPEED CONTROL

Boats that are equipped for 3-Event water skiing feature Zero Off speed control software within the LINC Panoray system.

Zero Off uses GPS technology to control boat speed for recreational and tournament water sports such as slalom and jump water skiing, wakeboarding, and trick water skiing.

Zero Off uses true closed loop control of boat speed. This means that as long as the boat motor has enough power, the boat automatically tracks the desired speed without having to enter complicated setup information into the system. With Zero Off in control of the boat speed, all that the driver has to focus on is maintaining his boat path.



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, satellite connection info, HydroGate status, and MicroTuner status

GAUGE SECTION - displays the name of actively mapped course, 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.



OVERVIEW

USER INTERFACE

CONTROL BAR - This area displays the volume level of the audio system, the selected event, and the set speed indicator. The volume, events 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. In many instances associated with the home page, this section will also feature course information and visuals pertaining to the event that has been selected. A representation of the slalom and jump courses will be visible in the far right hand side along with numerical times associated with the course and event.



OVERVIEW

USING YOUR BOAT - POWERING DISPLAY ON

TURNING ON ELECTRONICS AND DISPLAYS

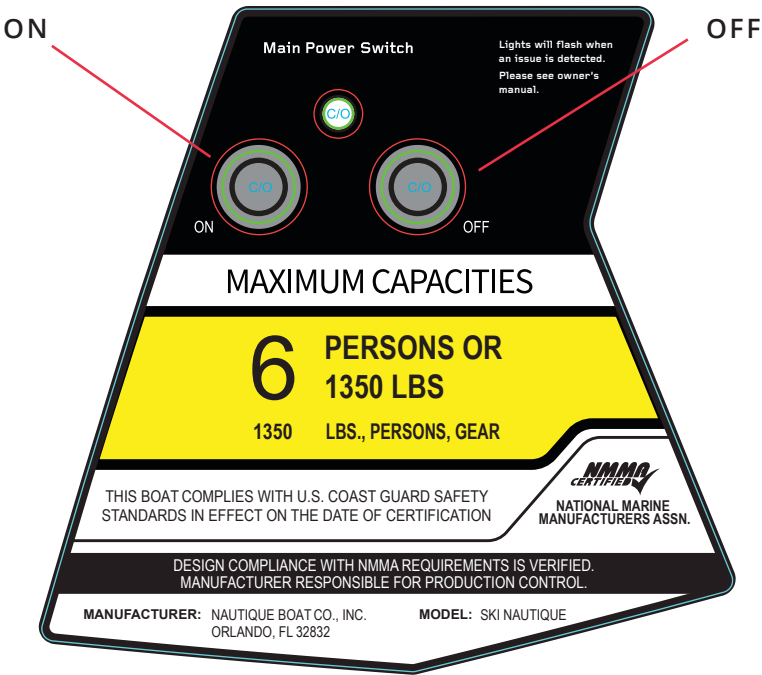
The main power switch is located in the helm area next to the throttle. To access the boat's displays and electronics, the batteries must be powered on.

Turn on the batteries – Press the ON button once to activate the batteries.

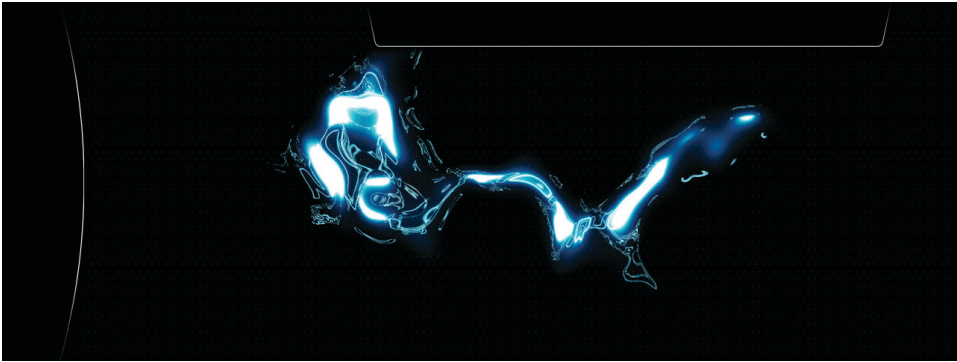
Power on the LINC display – Press the Start button (located just below the screen) once.

Boot-up process – A brief startup animation will appear while the displays power on.

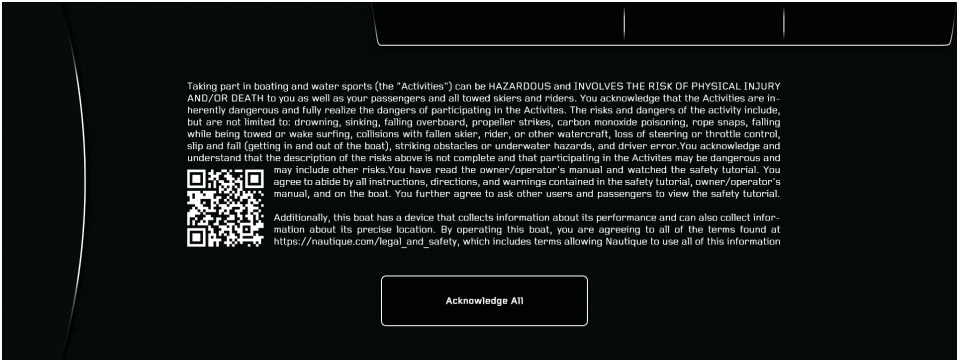
This ensures all necessary systems are ready before operation.



OVERVIEW



BOOT-UP ANIMATION SEQUENCE

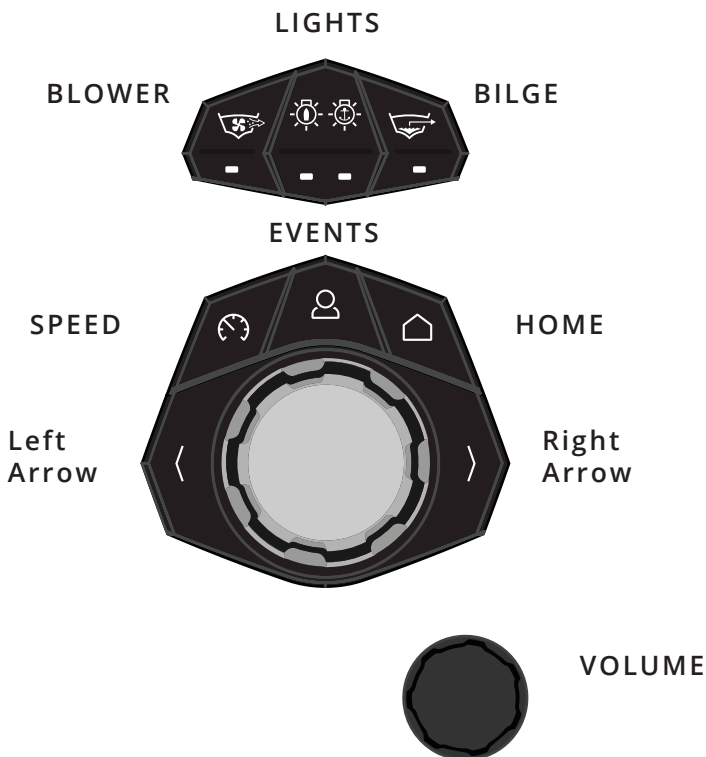


LEGAL ACKNOWLEDGEMENT OF RISK



HELM COMMAND

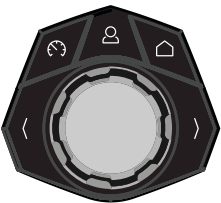
USING HELM COMMAND - CONTROLS/BUTTON SHORTCUTS



The Events 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



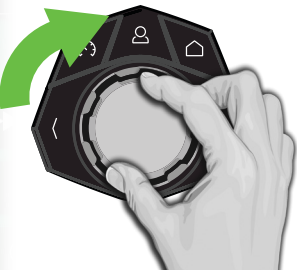
HELM COMMAND

LINC INTERFACE (INTERACTION DISPLAY)

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 counter-clockwise 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).



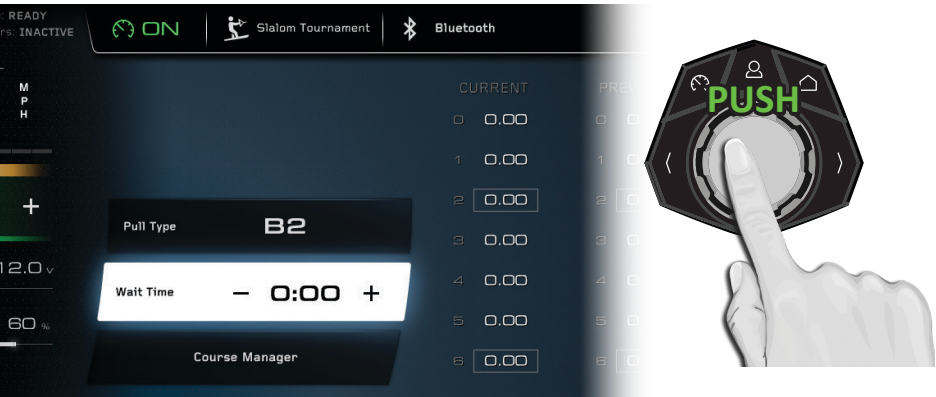
To move the highlight to the page area of the screen (to the left side), the operator can either press down on the knob or joystick over to the right to highlight another column of functions (see image below).



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)

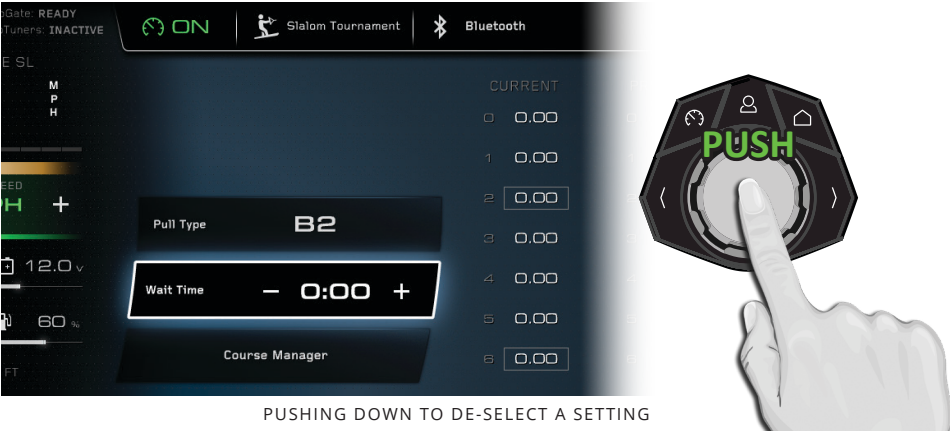
When a setting is selected, simply rotate clockwise or counter-clockwise to increase or decrease that setting.



HELM COMMAND

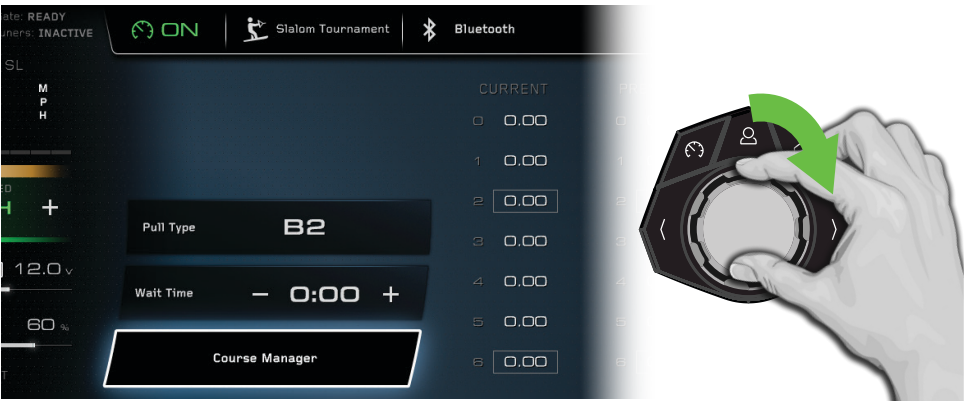
USING HELM COMMAND - ROTARY KNOB (CONTINUED)

When the operator is comfortable with where the setting is at, 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

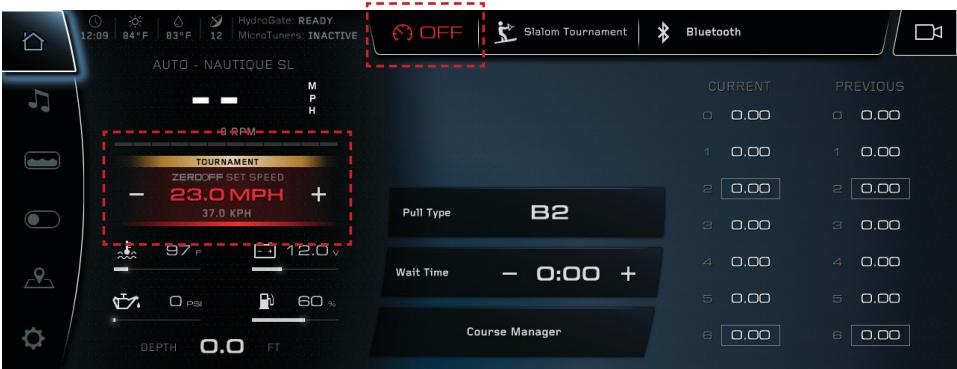
Once the Speed Control pop-up appears, the operator can perform the following functions:

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

The operator will see either green, blue, or red speed control elements on the screen, depending on 1) whether or not the user has selected recreation vs tournament, 2) if speed control has been toggled on, or 3) if speed control has been toggled off.

If Zero Off Speed Control is ON, then the Set speed area will be **green** (Tournament mode) or **blue** (Recreation mode). If speed control is OFF, then the set speed area will be **red**.

Please see additional screenshots on page 18 for more details.

To change between more than one set speed, please see pages 48-49. Note that this feature is only available while in trick mode.

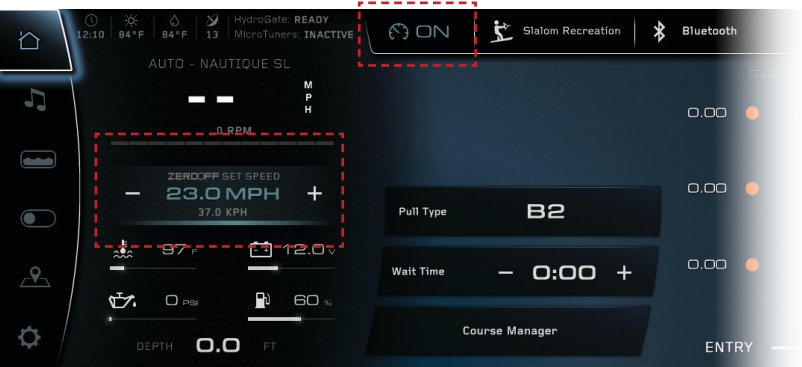


HELM COMMAND



GAUGE DISPLAY WHEN SET SPEED IS ON AND 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.



GAUGE DISPLAY WHEN SET SPEED IS ON AND SPEED HAS NOT BEEN REACHED



HELM COMMAND

USING HELM COMMAND - CHANGE EVENT BUTTON

Once the pop-up menu appears, the operator can change the event profile to one of the following options.

- Slalom Tournament
- Jump Tournament
- Trick Tournament
- Slalom Recreation
- Jump Recreation
- Trick Recreation
- Speed Control Only

Each event profile will display boat settings that are available to that event type. All event profiles will remember your last used settings for each event type.

Please note that the “Tournament” event profiles will only allow the driver to select Tournament-approved (AWSA and IWWF) set speeds. The “Recreation” event profiles will allow the driver to select any set speed.



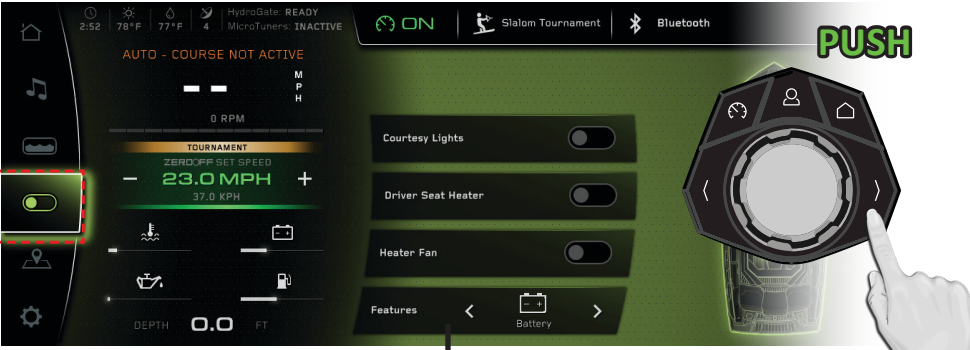
EVENT SELECTION MENU USING THE BUTTON ON HELM COMMAND



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

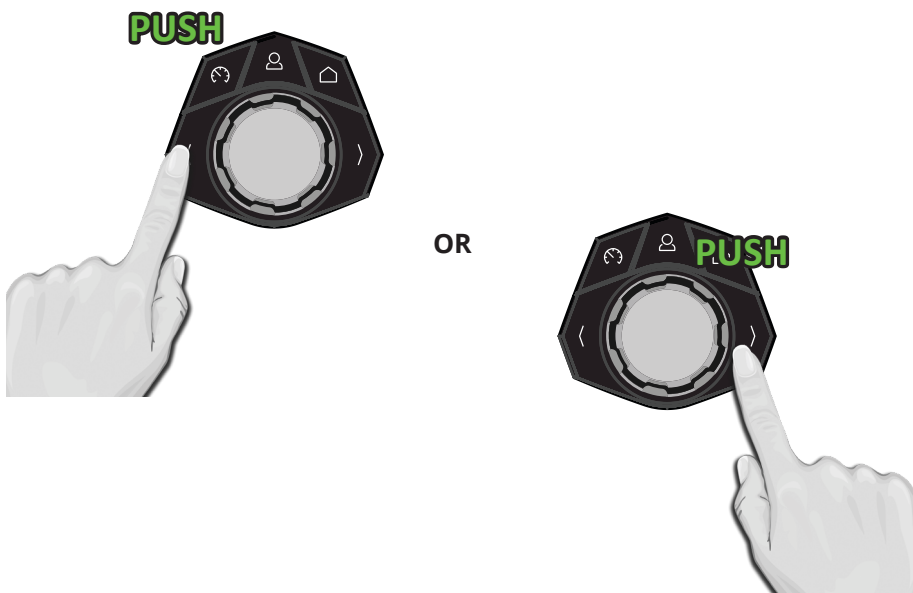


HELM COMMAND

HELM ARROW BUTTONS

Users can navigate through rows and content on the display by pressing the left or right arrow buttons on the Helm Command keypad.

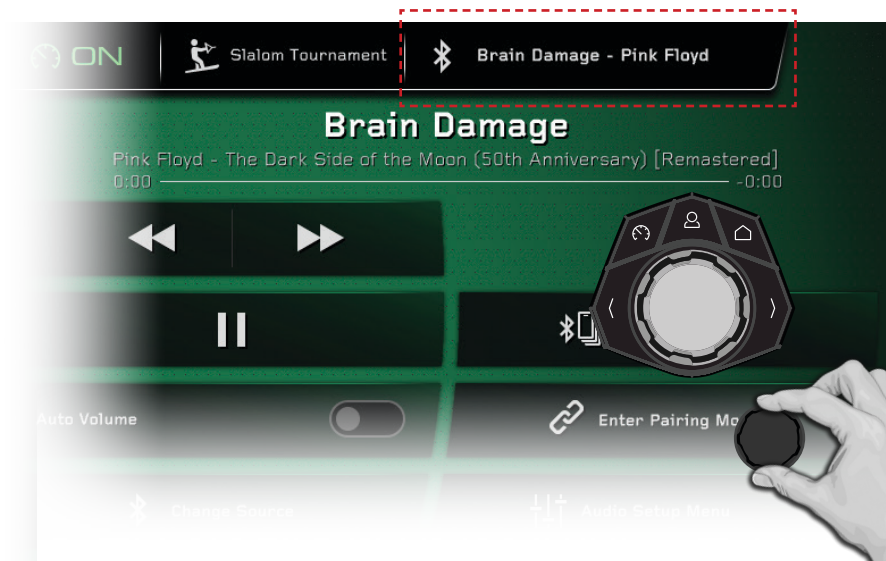
Additionally, they can use the rotary encoder knob to scroll left or right or interact directly with the touchscreen for navigation.



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 the Helm Command knob left/right, or by pressing the next track and previous track icons via touchscreen

HELM COMMAND

VOLUME CONTROLS - INDICATORS

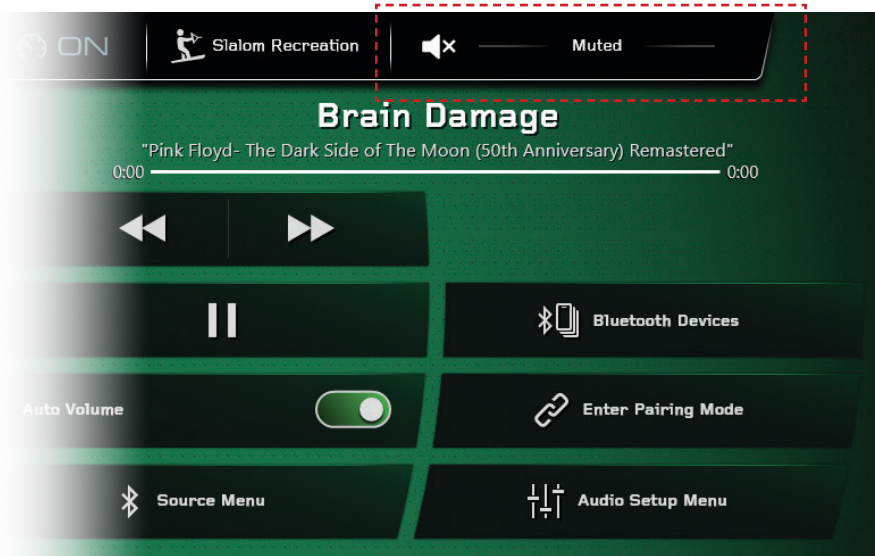
Below are examples of what the display will look like when interacting with the rotary volume knob.



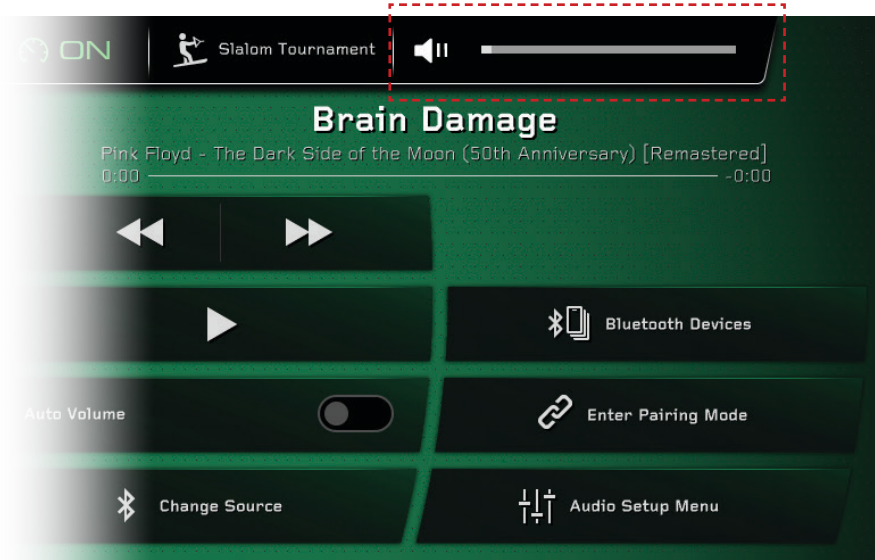
Turn the knob clockwise to increase volume and counterclockwise to decrease



HELM COMMAND



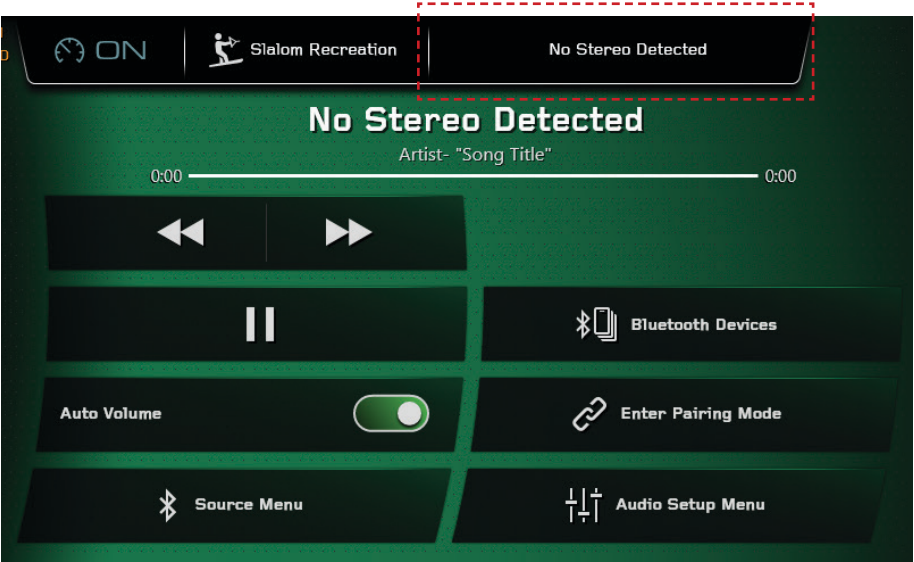
TOP STATUS BAR INDICATING THE STEREO HAS BEEN MUTED



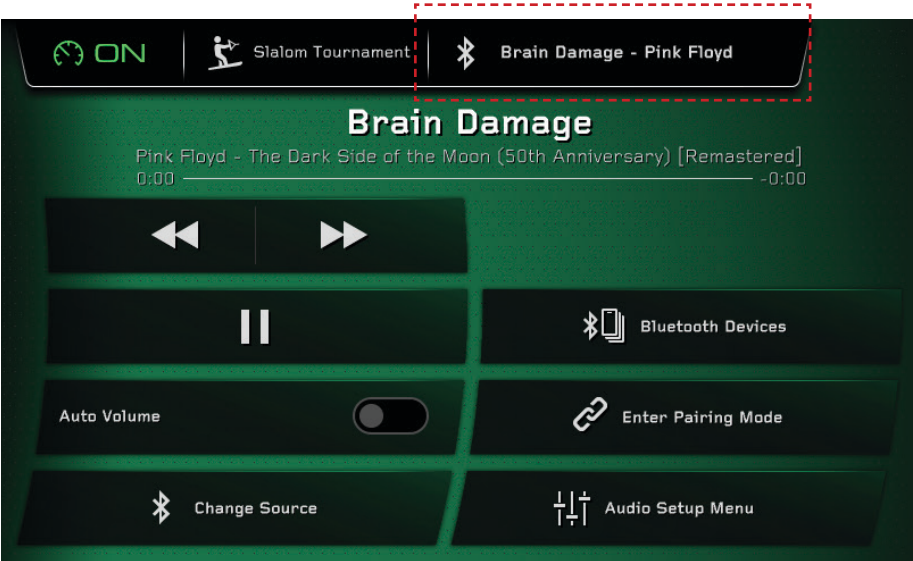
TOP STATUS BAR INDICATING THE STEREO HAS BEEN PAUSED



HELM COMMAND



TOP STATUS BAR INDICATING THE STEREO IS NOT CONNECTED



TOP STATUS BAR INDICATING THE SONG BEING PLAYED



HOME MENU

INTERFACE FOR 3 EVENT

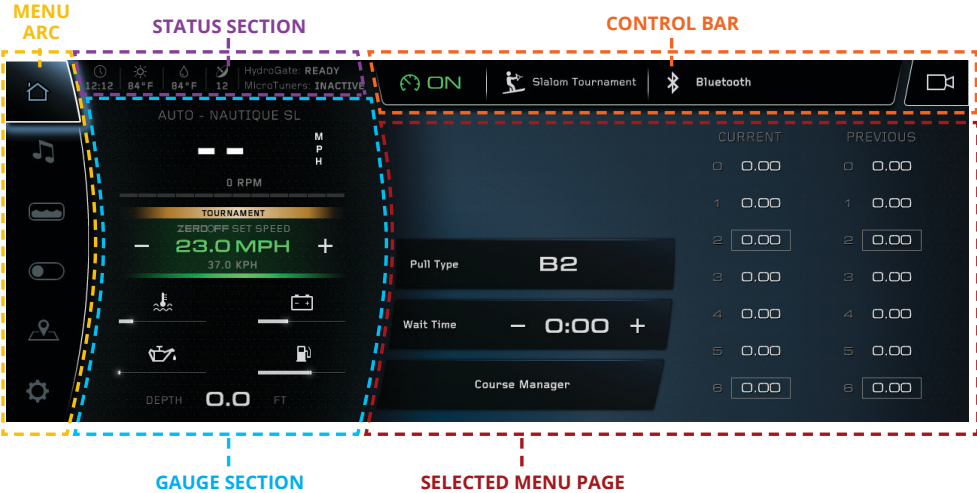


The Home Menu is dedicated to displaying 1) functions that control/dictate settings specific to slalom, jump, and tricking events, 2) course maps, buoys locations/ variations/ placement, and times related to each specific events. The home menu will also dynamically change based on whether or not the user has selected recreational or tournament mode.



3 EVENT WATERSKIING

INTERFACE FOR 3 EVENT



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, satellite connectivity status, and the status of HydroGate and MicroTuners

GAUGE SECTION - The Gauge Section features key settings and information for 3 Event waterskiing, including the following:

Zero Off Speed Control On/Off* - Located in the upper right corner of the center section, this toggles the GPS speed control on or off.



3 EVENT WATERSKIING

Zero Off Set Speed* - This area controls the set speed of the boat. To decrease or increase the set speed, press the - or + symbols. Tournament mode will only allow you to change the set speed to tournament-approved increments, whereas the Recreation mode will allow you to change the set speed to anything you like. The selected unit of measurement is displayed larger and on top of the alternate unit of measurement (in the screenshot above, the selected unit of measurement is English). Also, if Zero Off Speed Control is ON, then the set speed area will be **green** (Tournament mode) or **blue** (Recreation mode). If speed control is OFF, then the set speed area will be **red**.

Selected Course - displays the active course for Slalom and Jump events; those events require GPS mapped courses for timing accuracy. If no course is selected, then "Course Not Active" message will appear (shown in screenshot on previous page).

Tournament Label - appears if the "Tournament" mode is selected for Slalom, Jump or Trick events. The Tournament mode ensures that all settings are within Tournament-approved parameters.

SELECTED MENU PAGE - This area shows all of the boat/skier settings for the currently selected Event. In the example on the previous page, "Slalom Tournament" is selected, so Slalom-related settings are shown. Please see the following pages for detailed descriptions for every possible Event-related setting.

CONTROL BAR - This area allows the user to change the current Event to another Event with the "Change Event" function, toggle speed control on and off, view stereo and audio feedback, and access the awareness camera (both at expanded and minimized views).

***NOTE:** The Zero Off Speed Control On/Off and Set Speed can also be adjusted with the "Speed Control" button on the Helm Command keypad.



MAPPING A COURSE

COURSE MANAGER

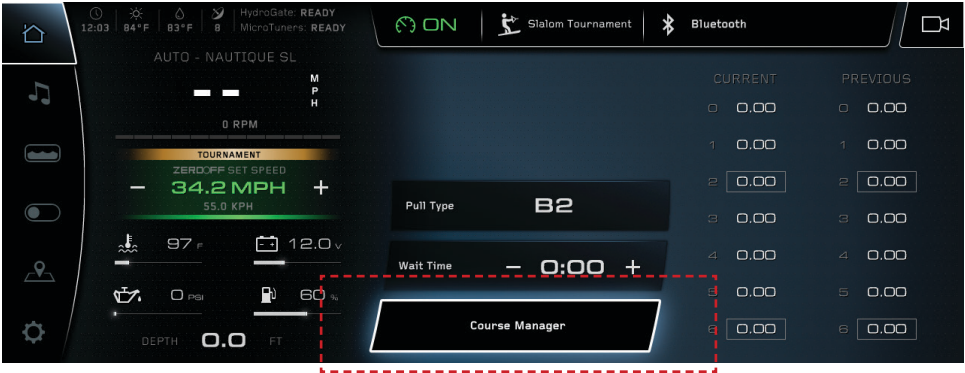
This section displays the Zero Off Course Manager functions. Slalom and Jump courses must be mapped through this menu in order for the Zero Off GPS speed control to work properly and to record accurate times.

The currently active course will appear towards the top. If no course is selected, then “Course Not Active” text will appear.

Saved Courses - will open up a pop-up menu of all the previously saved courses in the system. A maximum of 10 courses may be saved here.

Map A New Course - will open up a pop-up menu that provides step-by-step instructions on how to map a course

Course Auto Detect - This setting will detect any previously saved courses nearby and will choose the closest course for the currently selected Event. Zero Off auto-detects previously mapped courses within a 1-km radius of the boat.

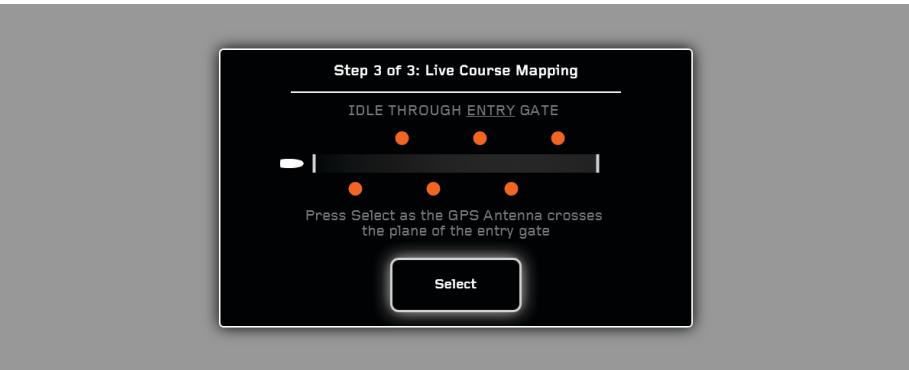


MAPPING A COURSE

To map a GPS-based course, select the “Map A New Course” function. A pop-up window will appear (see image below). Step 1 will ask the operator to select the proper course type from the following four options: Slalom 6 Buoy, Jump, Slalom 8 Buoy, and Slalom 4 Buoy.



Step 2 will ask the driver to drive the boat through the course in order to map it correctly. The driver should idle through the entry gate and press the “Entry Gate” button when the **GPS antenna** (Slalom courses) or **ski pylon** (Jump Courses) passes through the plane of the entry gate.

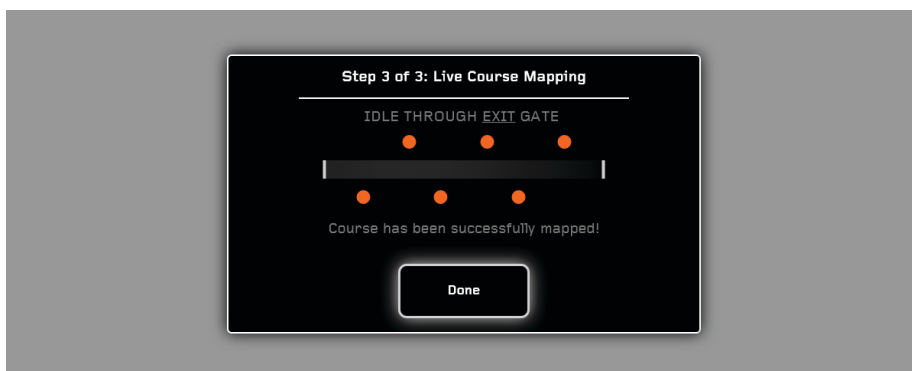


MAPPING A COURSE

After pressing "Entry Gate" when the ski pylon crosses the plane of the entry gate, the driver should continue to drive slowly through the center of the course. The driver should idle through the end of the course and press the "Exit Gate" button when the **GPS antenna** (Slalom courses) or **ski pylon** (Jump Courses) passes through the plane of the exit gate.



If the driver has performed the live course mapping correctly, a message will appear saying "course successfully mapped!". Press the "continue" button to move to the final step.



MAPPING A COURSE

Step 3 will ask the driver to enter a course name through the on-screen keyboard. Once entered, the new course's GPS coordinates will be saved in the "saved Courses" list.



The screenshot below illustrates what an error text might look like during the live course mapping process. This error text will be orange colored. Pressing "Cancel" at any time will exit out of live course mapping and will not save any partial progress.





3 EVENT WATERSKIING



SCREENSHOT OF “SLALOM TOURNAMENT” EVENT

EVENTS - SLALOM TOURNAMENT

The image above shows a screenshot in the “Slalom Tournament” event. The “Slalom Tournament” event only makes tournament official set speeds available and ensures that all other settings are also tournament compliant. The screenshot above is showing that the operator is 1) on the Home Menu, Main tab and 2) is on the Event Details tab on the right side of the screen.

The “Slalom Tournament” event will display the following items on the Main tab on the Home Menu (left side of screen):

Pull Type - determines how the engine will react to a skier’s pull in order to accelerate/decelerate according to the skier’s preference. There are 9 different settings with B2 being the default setting. The letters A, B and C dictate how quickly the engine will respond. The numbers 1, 2, and 3 dictate the intensity of the throttle response to the skier’s pull.

A	Slower engine response out of the buoy, but boat will tend to move ahead as skier approaches the next buoy
B	Moderate, balanced engine response compared to A and C
C	Faster engine response out of the buoy, but the boat will tend to hold back as the skier approaches the next buoy (used by Advanced skiers)
1	Softest pull from the boat. This requires the smallest amount of load from the skier before the system initiates an RPM change
2	Moderate pull from the boat as compared to 1 and 3
3	Hardest pull from the boat. This requires the largest amount of load from the skier before the system initiates an RPM change



3 EVENT WATERSKIING

Plus Setting - This On/Off setting is included in the Pull Type pop-up menu. The plus setting is for heavier/stronger skiers who are looking for a faster start and quicker throttle response. This setting is independent of the Pull Type setting, but works in conjunction with Pull Type.

Wait Time - This setting determines the amount of time a skier can wait in the water before the warning timer starts to beep, which indicates that it is time to start the skier's pass. This setting is mostly used for actual tournaments where consistent wait times ensure the same course conditions for each skier. The chief officials will help determine the proper wait time in an actual tournament.

The "Slalom Tournament" event also contains the following items on the Event Details tab (right side of screen).

Current and Previous Course Times - the buoy times will be displayed top-to-bottom according to the skier score (0-6).

Change Event - this function will bring up a pop-up menu with the 7 available Events. When the pop-up appears, the desired event may be selected by touching the screen or by using the Helm Command knob.

Please note that a gold "Tournament" label will be displayed in the very center of the screen when the boat is in Tournament mode. Just below, the Zero Off set speed area will change color based on the status of the Zero Off speed control. If it is turned on, then that area will be green (as shown in the screenshot in the previous page). If Zero Off speed control is turned off, then that area will be red.



3 EVENT WATERSKIING



SCREENSHOT OF “SLALOM RECREATION” EVENT

EVENTS - SLALOM RECREATION

The image above shows a screenshot in the “Slalom Recreation” event. The “Slalom Recreation” event unlocks all speeds for the Zero Off set speed; please note that official tournaments should not be run in this event. The screenshot is also showing that the operator is 1) on the Home Menu, Main tab and 2) is on the Event Details tab on the right side of the screen.

The “Slalom Recreation” event will display the following items on the Main tab on the Home Menu (left side of screen):

Pull Type - determines how the engine will react to a skier’s pull in order to accelerate/decelerate according to the skier’s preference. There are 9 different settings with B2 being the default setting. The letters A, B and C dictate how quickly the engine will respond. The numbers 1, 2, and 3 dictate the intensity of the throttle response to the skier’s pull.

A	Slower engine response out of the buoy, but boat will tend to move ahead as skier approaches the next buoy
B	Moderate, balanced engine response compared to A and C
C	Faster engine response out of the buoy, but the boat will tend to hold back as the skier approaches the next buoy (used by Advanced skiers)
1	Softest pull from the boat. This requires the smallest amount of load from the skier before the system initiates an RPM change
2	Moderate pull from the boat as compared to 1 and 3
3	Hardest pull from the boat. This requires the largest amount of load from the skier before the system initiates an RPM change



3 EVENT WATERSKIING

Plus Setting - This On/Off setting is included in the Pull Type pop-up menu. The plus setting is for heavier/stronger skiers who are looking for a faster start and quicker throttle response. This setting is independent of the Pull Type setting, but works in conjunction with Pull Type.

Wait Time - This setting determines the amount of time a skier can wait in the water before the warning timer starts to beep, which indicates that it is time to start the skier's pass. This setting is mostly used for actual tournaments where consistent wait times ensure the same course conditions for each skier. The chief officials will help determine the proper wait time in an actual tournament.

The "Slalom Recreation" event also contains the following items on the Event Details tab (right side of screen).

Course Diagram with Current times - the buoy times for the current pass will be displayed according to the course diagram.

Change Event - this function will bring up a pop-up menu with the 7 available Events. When the pop-up appears, the desired event may be selected by touching the screen or by using the Helm Command knob.

Please note that the Zero Off set speed area will change color based on the status of the Zero Off speed control. If it is turned on, then that area will be blue (as shown in the screenshot in the previous page). If Zero Off speed control is turned off, then that area will be red.



3 EVENT WATERSKIING



SCREENSHOT OF "JUMP TOURNAMENT" EVENT

EVENTS - JUMP TOURNAMENT

The image above shows a screenshot in the "Jump Tournament" event. The "Jump Tournament" event only makes tournament official set speeds available and ensures that all other settings are also tournament compliant. The screenshot above is showing that the operator is 1) on the Home Menu, Main tab and 2) is on the Event Details tab on the right side of the screen.

The "Jump Tournament" event will display the following items on the Main tab on the Home Menu (left side of screen):

Jump Letter - this setting represents how much throttle will be applied once the Rope Switch is closed as the jump skier pulls. Selecting this setting will open up a pop-up menu to select the Jump letter (please note that you can use the Weight/Distance input feature if you are unsure of what letter to use). The higher the Jump Letter (towards the end of the alphabet), the more aggressive the pull.

HydroGate - this setting determines the HydroGate position at the rear of the boat. The HydroGate will provide a flatter wake towards 0 and the "slalom" text, and will provide a larger wake towards 10 and the "jump" text.

PF:SSA - this shows the Power Factor and the Second Segment Adder settings. Power Factor raises or lowers the Baseline speed; the lower the number, the slower the boat enters the course. Please set the Power Factor according to the strength of the engine. Second Segment Adder is a setting meant for lower powered boats that raises the speed in the 41m segment of the jump course. Start at 0 and raise as necessary to achieve desired times.



3 EVENT WATERSKIING

RTB - this setting stands for “Return to Baseline” and should only be turned on for a beginner or more novice jumper that wants the boat to slow down more in the 3rd course segment to help make riding out the jumps easier.

Rope SW Timeout - this setting stands for “Rope Switch Timeout” and it is set to 1.8 seconds by default to keep a consistent speed during counter cut. It is recommended to keep this setting at 1.8 unless a) there is a significant head or tail wind or b) if the jumper wants to take a three-quarter cut.

The “Jump Tournament” event also contains the following items on the Event Details tab (right side of screen).

Current and Previous Course Times - the course times will be displayed top-to-bottom. “MT” is listed below the course times and shows the boat speed at the MT buoy.

Change Event - this function will bring up a pop-up menu with the 7 available Events. When the pop-up appears, the desired event may be selected by touching the screen or by using the Helm Command knob.

Please note that a gold “Tournament” label will be displayed in the very center of the screen when the boat is in Tournament mode. Just below, the Zero Off set speed area will change color based on the status of the Zero Off speed control. If it is turned on, then that area will be green (as shown in the screenshot in the previous page). If Zero Off speed control is turned off, then that area will be red.



3 EVENT WATERSKIING



SCREENSHOT OF "JUMP RECREATION" EVENT

EVENTS - JUMP RECREATION

The image above shows a screenshot in the "Jump Recreation" event. The "Jump Recreation" event unlocks all speeds for the Zero Off set speed; please note that official tournaments should not be run in this event. The screenshot above is showing that the operator is 1) on the Home Menu, Main tab and 2) is on the Event Details tab on the right side of the screen.

The "Jump Recreation" event will display the following items on the Main tab on the Home Menu (left side of screen):

Jump Letter - this setting represents how much throttle will be applied once the Rope Switch is closed as the jump skier pulls. Selecting this setting will open up a pop-up menu to select the Jump letter (please note that you can use the Weight/Distance input feature if you are unsure of what letter to use). The higher the Jump Letter (towards the end of the alphabet), the more aggressive the pull.

HydroGate - this setting determines the HydroGate position at the rear of the boat. The HydroGate will provide a flatter wake towards 0 and the "slalom" text, and will provide a larger wake towards 10 and the "jump" text.

PF:SSA - this shows the Power Factor and the Second Segment Adder settings. Power Factor raises or lowers the Baseline speed; the lower the number, the slower the boat enters the course. Please set the Power Factor according to the strength of the engine. Second Segment Adder is a setting meant for lower powered boats that raises the speed in the 41m segment of the jump course. Start at 0 and raise as necessary to achieve desired times.



3 EVENT WATERSKIING

RTB - this setting stands for “Return to Baseline” and should only be turned on for a beginner or more novice jumper that wants the boat to slow down more in the 3rd course segment to help make riding out the jumps easier.

Rope SW Timeout - this setting stands for “Rope Switch Timeout” and it is set to 1.8 seconds by default to keep a consistent speed during counter cut. It is recommended to keep this setting at 1.8 unless a) there is a significant head or tail wind or b) if the jumper wants to take a three-quarter cut.

The “Jump Recreation” event also contains the following items on the Event Details tab (right side of screen).

Course Diagram with current times - the buoy times and MT speed for the current pass will be displayed according to the course diagram.

Change Event - this function will bring up a pop-up menu with the 7 available Events. When the pop-up appears, the desired event may be selected by touching the screen or by using the Helm Command knob.

Please note that the Zero Off set speed area will change color based on the status of the Zero Off speed control. If it is turned on, then that area will be blue (as shown in the screenshot in the previous page). If Zero Off speed control is turned off, then that area will be red.



3 EVENT WATERSKIING



SCREENSHOT OF "TRICK TOURNAMENT" EVENT

EVENTS - TRICK TOURNAMENT

The image above shows a screenshot in the "Trick Tournament" event. The "Trick Tournament" ensures that all settings are also tournament compliant. The screenshot above is showing that the operator is 1) on the Home Menu, Main tab and 2) is on the Event Details tab on the right side of the screen.

The "Trick Tournament" event will display the following items on the Main tab on the Home Menu (left side of screen):

Pull Type - this setting determines how the engine will react to a skier's pull in order to accelerate/decelerate according to the skier's preference. A1 through A3 will give the skier a soft pull, B1 through B3 will give the skier a moderate pull, and C1 through C3 will give the skier a hard pull.

Plus Setting - this On/Off setting is included in the Pull Type pop-up menu. The plus setting is for heavier/stronger skiers who are looking for a faster start and quicker throttle response. This setting is independent of the Pull Type setting, but works in conjunction with Pull Type.

HydroGate - this setting determines the HydroGate position at the rear of the boat. The HydroGate will provide a flatter wake towards 0 and the "slalom" text, and will provide a larger wake towards 10 and the "trick" text.

Total Ballast Set Level (only appears if boat is equipped with optional ballast tanks) - this setting determines how much the ballast tanks will be filled in increments of 25%. The more full the ballast tanks are, the bigger the wake.



3 EVENT WATERSKIING

The “Trick Tournament” event also contains the following items on the Event Details tab (right side of screen).

Ballast Tank Status graphic (only appears if boat is equipped with optional ballast tanks) - this will show a 3D graphic of the boat with the rear ballast tanks. This graphic will show how much weight is in each tank and if the tanks are currently filling /draining with up/down arrow animations.

River Mode - this setting will factor the river current into the Zero Off set speed. Turning this on will populate the right side of the screen with two additional settings: River Current and River Offset.

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.

Change Event - this function will bring up a pop-up menu with the 7 available Events. When the pop-up appears, the desired event may be selected by touching the screen or by using the Helm Command knob.

Please note that a gold “Tournament” label will be displayed in the very center of the screen when the boat is in Tournament mode. Just below, the Zero Off set speed area will change color based on the status of the Zero Off speed control. If it is turned on, then that area will be green (as shown in the screenshot in the previous page). If Zero Off speed control is turned off, then that area will be red.



3 EVENT WATERSKIING



SCREENSHOT OF "TRICK RECREATION" EVENT (W/ OPTIONAL BALLAST EQUIPPED)

EVENTS - TRICK RECREATION

The image above shows a screenshot in the "Trick Recreation" event. The "Trick Recreation" event unlocks additional settings, like the run timer; please note that official tournaments should not be run in this event. The screenshot above is showing that the operator is 1) on the Home Menu, Main tab and 2) is on the Event Details tab on the right side of the screen.

The "Trick Recreation" event will display the following items on the Main tab on the Home Menu (left side of screen):

Pull Type - this setting determines how the engine will react to a skier's pull in order to accelerate/decelerate according to the skier's preference. A1 through A3 will give the skier a soft pull, B1 through B3 will give the skier a moderate pull, and C1 through C3 will give the skier a hard pull.

Plus Setting - this On/Off setting is included in the Pull Type pop-up menu. The plus setting is for heavier/stronger skiers who are looking for a faster start and quicker throttle response. This setting is independent of the Pull Type setting, but works in conjunction with Pull Type.

HydroGate - this setting determines the HydroGate position at the rear of the boat. The HydroGate will provide a flatter wake towards 0 and the "slalom" text, and will provide a larger wake towards 10 and the "trick" text.

Total Ballast Set Level (only appears if boat is equipped with optional ballast tanks) - this setting determines how much the ballast tanks will be filled in increments of 25%. The more full the ballast tanks are, the bigger the wake.



3 EVENT WATERSKIING

Ballast Shift (only appears if boat is equipped with optional ballast tanks) - this setting will help balance out boat at the rear of the boat by adding more water to one tank and removing water from the other. Set the right amount of weight to be shifted to the Port or Starboard sides and the pumps will automatically start filling/draining in order to achieve that desired weight shift.

Run Timer - this is a timer that the driver can use as a stopwatch for training purposes. Press to start the timer, press to stop when the timer is running, and press and hold to reset the timer back to 0.0 seconds. The stopwatch will have an audible 5-beep chime when the timer reaches 20.0 seconds.

The "Trick Recreation" event also contains the following items on the Event Details tab (right side of screen).

Ballast Tank Status graphic (only appears if boat is equipped with optional ballast tanks) - this will show a 3D graphic of the boat with the rear ballast tanks. This graphic will show how much weight is in each tank and if the tanks are currently filling /draining with up/down arrow animations.

River Mode - this setting will factor the river current into the Zero Off set speed. Turning this on will populate the right side of the screen with two additional settings: River Current and River Offset.

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.

Change Event - this function will bring up a pop-up menu with the 7 available Events. When the pop-up appears, the desired event may be selected by touching the screen or by using the Helm Command knob.

Please note that the Zero Off set speed area will change color based on the status of the Zero Off speed control. If it is turned on, then that area will be blue (as shown in the screenshot in the previous page). If Zero Off speed control is turned off, then that area will be red.



3 EVENT WATERSKIING



SCREENSHOT OF "SPEED CONTROL ONLY" EVENT

EVENTS - SPEED CONTROL ONLY

NOTE: Do not use the "Speed Control Only" event for any 3-Event waterskiing tournaments or training sessions.

The image above shows a screenshot in the "Speed Control Only" event. Select this event if you are trying to wakeboard, tube, free-ski or do any other water-sports activity besides Slalom, Jump or Trick.

The "Speed Control Only" event will display the following items on the Main tab on the Home Menu (left side of screen):

HydroGate - this setting determines the HydroGate position at the rear of the boat. The HydroGate will provide a flatter wake towards 0 and the "slalom" text, and will provide a larger wake towards 10 and the "trick" text.

Total Ballast Set Level (only appears if boat is equipped with optional ballast tanks) - this setting determines how much the ballast tanks will be filled in increments of 25%. The more full the ballast tanks are, the bigger the wake.

Ballast Shift (only appears if boat is equipped with optional ballast tanks) - this setting will help balance out the rear of the boat by adding more water to one tank and removing water from the other. Set the right amount of weight to be shifted to the Port or Starboard sides and the pumps will automatically start filling/draining in order to achieve that desired weight shift.



3 EVENT WATERSKIING

The “Speed Control Only” event also contains the following items on the Event Details tab (right side of screen).

Ballast Tank Status graphic (only appears if boat is equipped with optional ballast tanks) - this will show a 3D graphic of the boat with the rear ballast tanks. This graphic will show how much weight is in each tank and if the tanks are currently filling /draining with up/down arrow animations.

River Mode - this setting will factor the river current into the Zero Off set speed. Turning this on will populate the right side of the screen with two additional settings: River Current and River Offset.

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.

Change Event - this function will bring up a pop-up menu with the 7 available Events. When the pop-up appears, the desired event may be selected by touching the screen or by using the Helm Command knob.

Please note that the Zero Off set speed area will change color based on the status of the Zero Off speed control. If it is turned on, then that area will be blue (as shown in the screenshot in the previous page). If Zero Off speed control is turned off, then that area will be red.



3 EVENT WATERSKIING

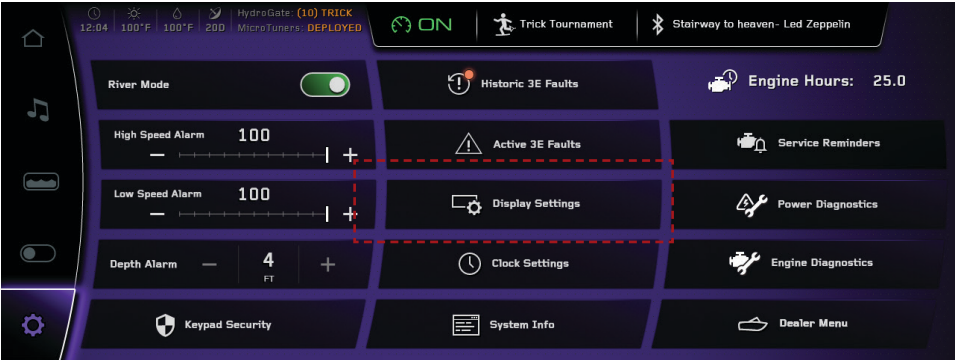
TRICK SPEED PRESETS/CONTROLS

The Trick Speed Presets setting, found in the Preferences menu under Display Settings (see following page), allows the operator to set and toggle between two preset speeds. In Trick Mode, this feature enables quick speed adjustments on the fly—whether underway or mid-run—for smoother transitions. Once enabled, three function boxes will appear on the Trick Event page to manage speed selection.

Function Box 1: Allows the operator to switch between preset speed 1 and 2. The selection can be changed by rotating the encoder knob or by tapping either preset 1 or 2.

Function Box 2: Used to set the speed for preset 1. The operator can adjust the speed by rotating the encoder knob or tapping the plus/minus buttons.

Function Box 3: Used to set the speed for preset 2. Adjustments can be made by rotating the encoder knob or tapping the plus/minus buttons.

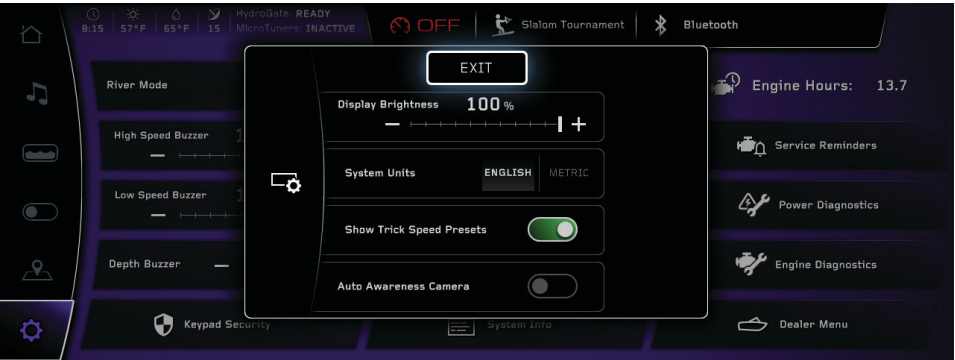


DISPLAY SETTINGS IN THE PREFERENCES MENU

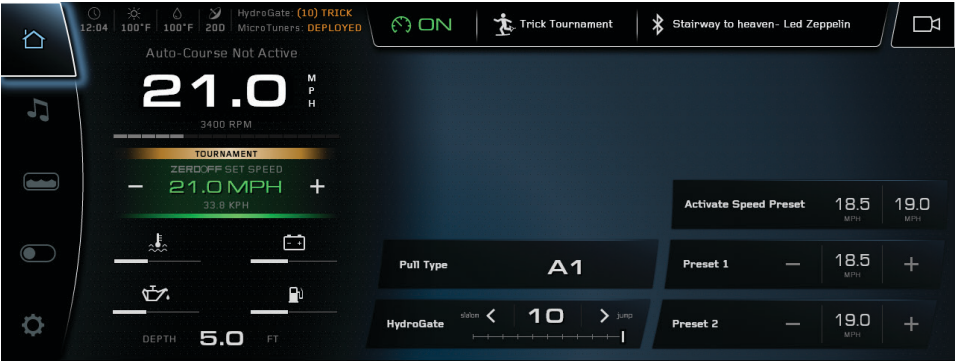


3 EVENT WATERSKIING

TRICK SPEED PRESETS/CONTROLS



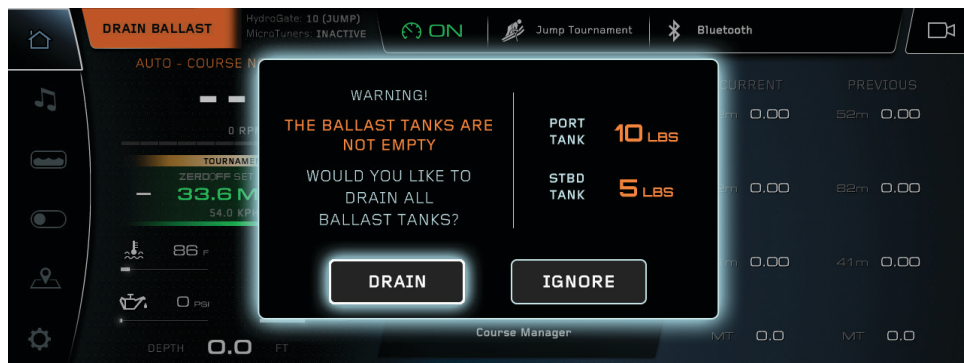
SHOW TRICK SPEED PRESETS TOGGLED ON



FUNCTION BOXES 1-3 ASSOCIATED WITH TRICK SPEED PRESETS



3 EVENT WATERSKIING



DRAIN BALLAST POP-UP MESSAGE

BALLAST NOTIFICATIONS AND POP-UP MESSAGES*

***NOTE:** The ballast tanks are optional and are not equipped on every boat. This section only applies to boat models that are equipped with ballast tanks.

Ballast notifications and pop-up messages may appear on the screen under certain conditions, including the following scenarios:

1. If there is still water remaining in one or both ballast tanks and the driver switches to an event where ballast is undesired (e.g., switching from Trick Tournament with ballast to Slalom Tournament). A message will prompt the driver to drain the ballast tanks.
2. If the driver switches to an event that allows ballast and has the "Total Ballast Set Level" to something that is different than the *actual* level in the ballast tanks (e.g., switching from Slalom Tournament to Trick Tournament where the Total Ballast Set Level was previously set to 50%). A message will prompt the driver to fill the ballast tanks.
3. If the *actual* level in the ballast tanks are different than the *set* level. (e.g., someone accidentally stopped the ballast tank pumps or shut down the boat in the middle of the pumps filling or draining).
4. If the ballast pumps are currently running, then a blue "Stop Pumps" button/graphic will appear to right of the speedometer.

GENERAL ADVICE: If there is an orange-colored button/graphic directly above the speedometer, then that means the operator may want to double check the current ballast level to see if it matches the current event or desired outcome. The buttons/graphics above the speedometer are touch points only and cannot be accessed with the rotary encoder.



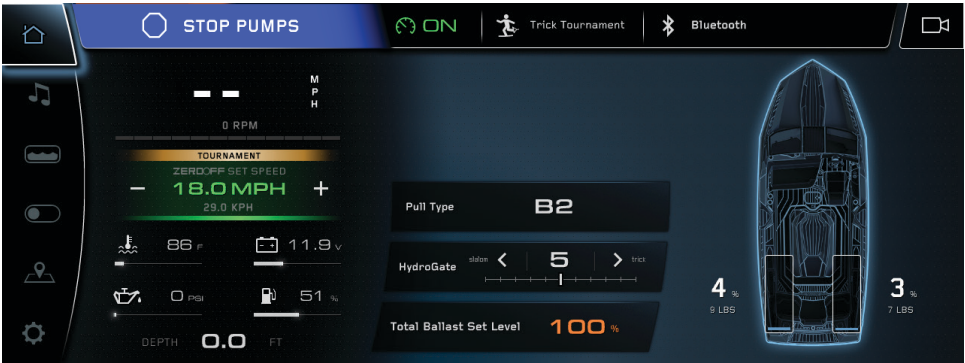
3 EVENT WATERSKIING



DRAIN BALLAST BUTTON/GRAPHIC (TANKS SHOULD BE EMPTY FOR SLALOM/JUMP EVENTS)



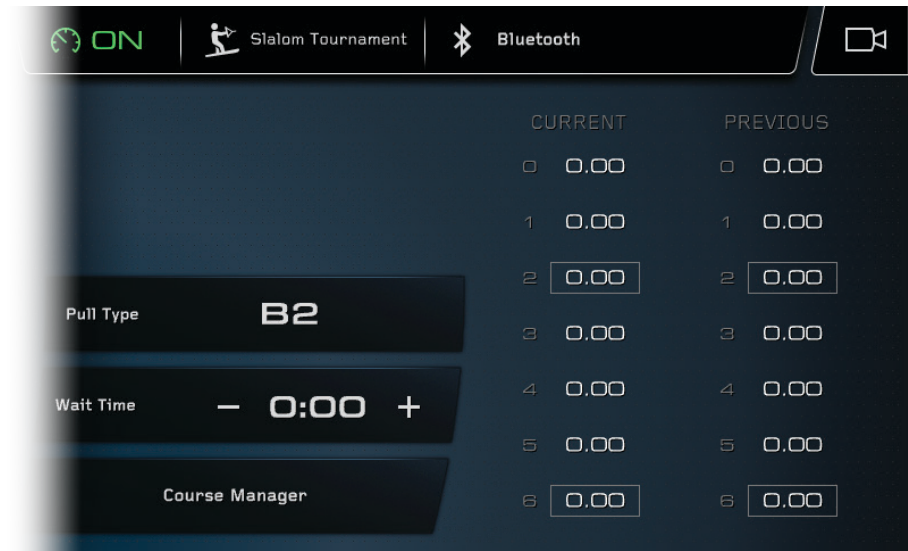
FILL BALLAST BUTTON/GRAPHIC (TANKS AREN'T CURRENTLY AT THE 100% SET LEVEL)



STOP PUMPS BUTTON/GRAPHIC (BALLAST PUMPS ARE CURRENTLY RUNNING)



RIGHT SECTION



EVENT DETAILS ON THE RIGHT SECTION OF THE SCREEN

EVENT DETAILS

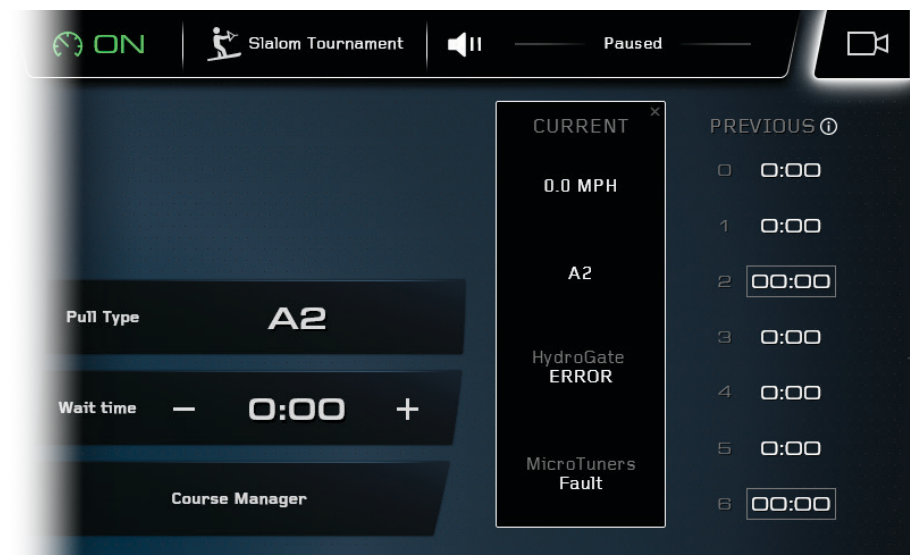
The right section of the screen does not contain any menus but features two informational touch points that appear only in Tournament Event Mode. Touching the text fields labeled “Current” or “Previous” (above your recorded times) will open an overlay displaying event-specific settings for a selected run.



RIGHT SECTION

EVENT DETAILS

For example, in Slalom Tournament Mode, tapping “Current” will show speed, pull type, and the status of HydroGate and MicroTuners for the active run. Tapping “Previous” will display the same settings from the last completed run. These settings may be identical if unchanged but will typically differ, allowing for quick comparisons and adjustments between runs.



EVENT DETAILS ON THE RIGHT SECTION (PREVIOUS SETTING BEING SHOWN)



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.

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



THE AWARENESS CAMERA ICON HIGHLIGHTED ON THE HOME MENU

AWARENESS CAMERA

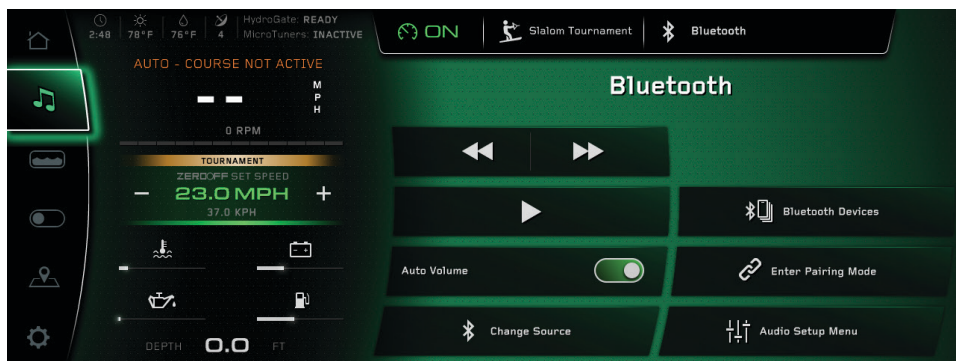
The Awareness Camera is mounted at the top of the tower and it allows the operator to have a wide angle view of the back of the boat. To view the awareness camera, the operator can navigate to the camera icon in the upper right corner of the Home Menu.

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.



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

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

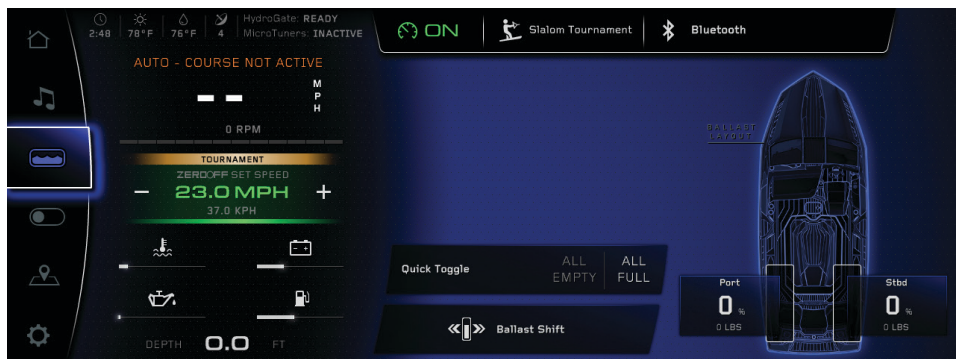
Midrange - modifies sounds from the audio system that are in the frequency range between 250-2000 Hz

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.



BALLAST MENU



THE BALLAST MENU

Ski Nautique 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 3 Event watersports. 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 their 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 righthand section of the display. 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.

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.

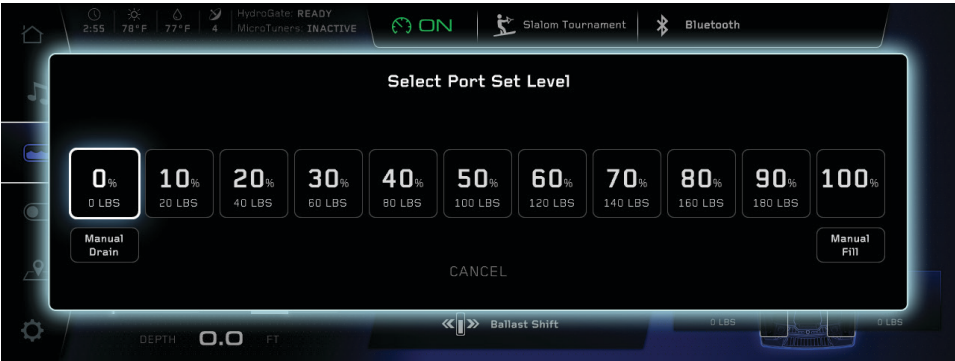
The Quick Toggle feature allows the operator to fill or drain all ballast tanks simultaneously by selecting All Full or All Empty.

Ballast Shift allows the operator to shift weight Port-to-Starboard, or vice versa, in 25 lb. (11 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

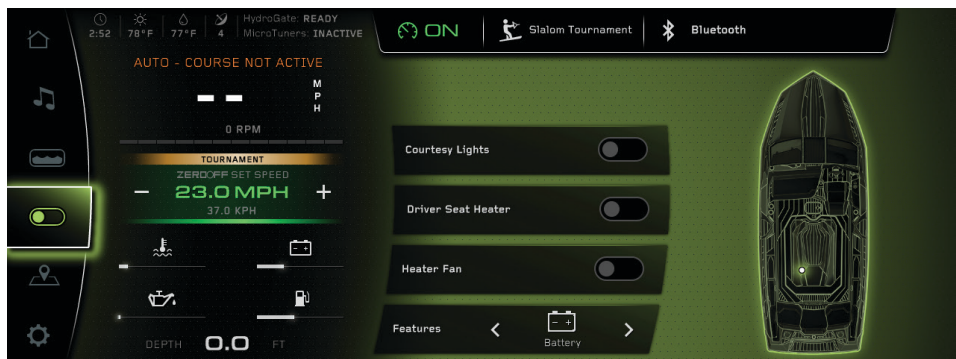


A BALLAST SET LEVEL POP-UP MENU (BELLY SHOWN)

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.



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.

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

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

Heater Fan - turns the heater fan on/off



SWITCHING MENU

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. 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



SLIDEOUT MENU: UI ELEMENTS/OPERATOR OPTIONS

SLIDEOUT MENU - WAYPOINTS AND TRACKS

The slideout window contains five functions:

Waypoint Manager - takes the Operator to the waypoint manager, where saved waypoints can be edited and deleted

Save Waypoint - saves a new waypoint where the cursor is currently located

Track Manager - takes the Operator to the track manager, where saved waypoints can be edited and deleted

Save Track - saves the current track

Clear Track - clears the current track



MAPS MENU



SLIDEOUT MENU: WAYPOINT MANAGER SETTINGS/OPERATOR OPTIONS

SLIDEOUT MENU - WAYPOINTS AND TRACKS

Once a waypoint is selected from the list of saved waypoints the operator may do the following from the Waypoint Manager:

Change Icon/ Edit Name - changes the icon or edits the name of the waypoint

Show On Map - moves the map to the saved waypoint

Delete Waypoint - deletes the waypoint

Go Back - goes back to the list of waypoints

MAPS MENU



SLIDEOUT MENU: TRACK MANAGER SETTINGS/OPERATOR OPTIONS

SLIDEOUT MENU - WAYPOINTS AND TRACKS

Once a track is selected from the list of saved track the operator may do the following from the Track Manager:

Edit Name - allows operator to edit the name of the track

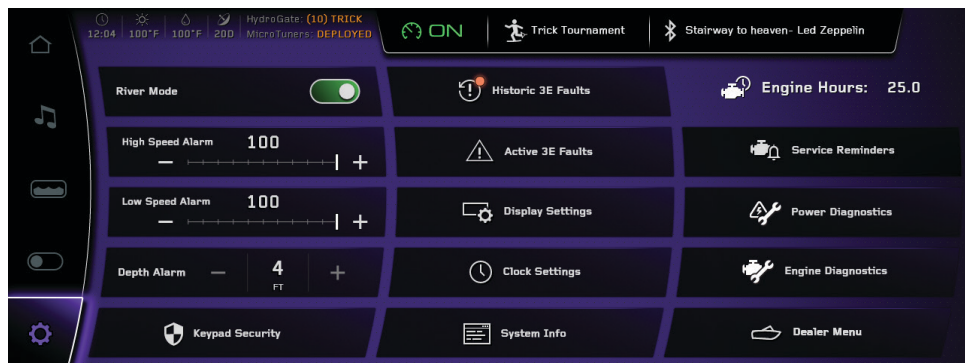
Show/Hide - toggles whether the track is shown or hidden

Delete Track - deletes the track

Go Back - goes back to the list of tracks



PREFERENCES MENU



THE PREFERENCES MENU

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.

High Speed Alarm - the LINC unit audibly buzzes when the boat reaches a designated high speed set by the operator.

Low Speed Alarm - the LINC unit audibly buzzes when the boat reaches a designated low speed set by the operator.

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.

Historic 3 Event Faults - displays a log of Historic faults related to 3 Event.

Active 3 Event Faults - displays a log of Active faults related to 3 Event.

PREFERENCES MENU

Display Settings - a pop-up menu that allows the operator to control brightness, selected unit of measurement, auto awareness camera settings, and trick speed presets. (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.

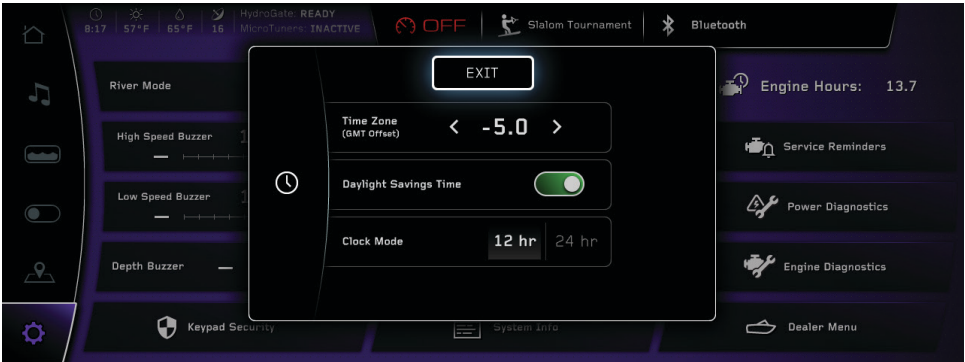
In addition to these functions, there is also an Engine Hours readout located in the top right corner.



PREFERENCES MENU



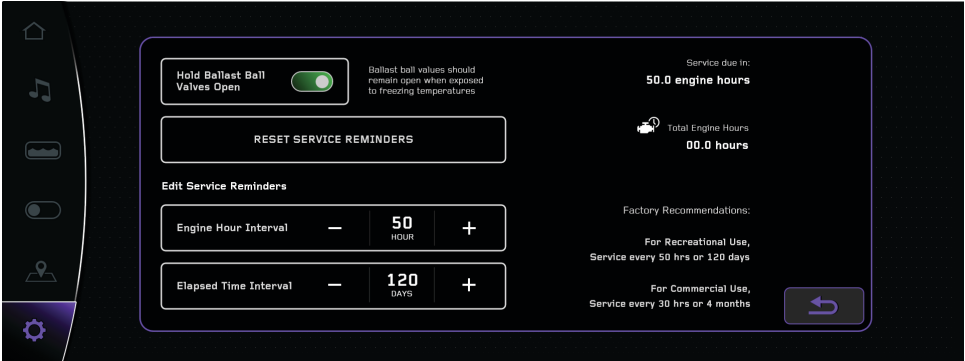
DISPLAY SETTINGS POP-UP MENU



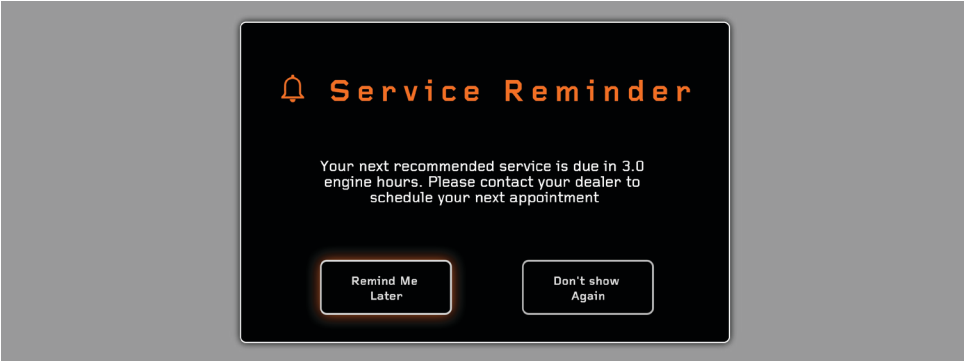
CLOCK SETTINGS POP-UP MENU



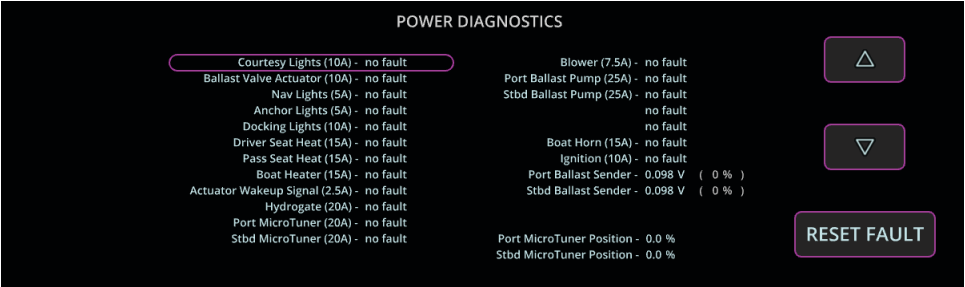
PREFERENCES MENU



SERVICE REMINDERS SUB-MENU



SERVICE REMINDER POP-UP MESSAGE



POWER DIAGNOSTICS

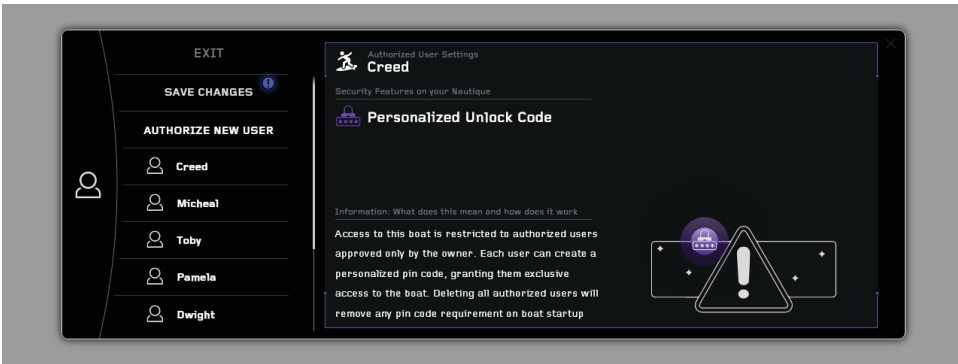


PREFERENCES MENU - KEYPAD SECURITY

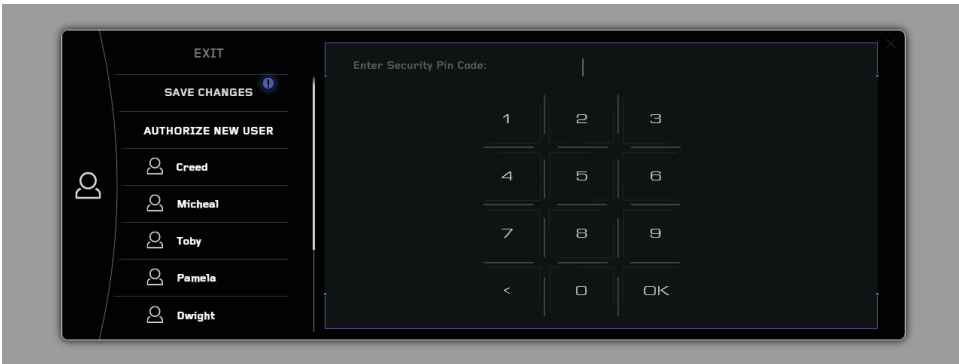
AUTHORIZING A NEW USER - After selecting the keypad security menu through either helm command or touch controls you can 1) authorize a new user, 2) Manage/Delete existing users, and 3) access all codes used to unlock your boat.

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.



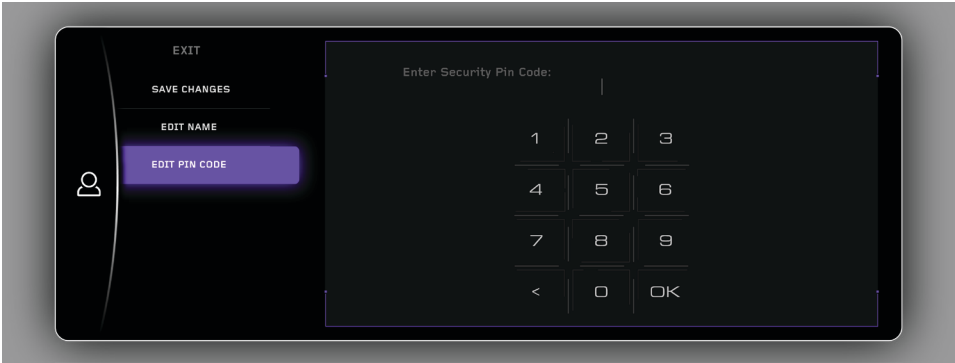
KEYPAD SECURITY POP-UP MENU



KEYPAD SECURITY POP-UP (ENTER PIN SECTION)

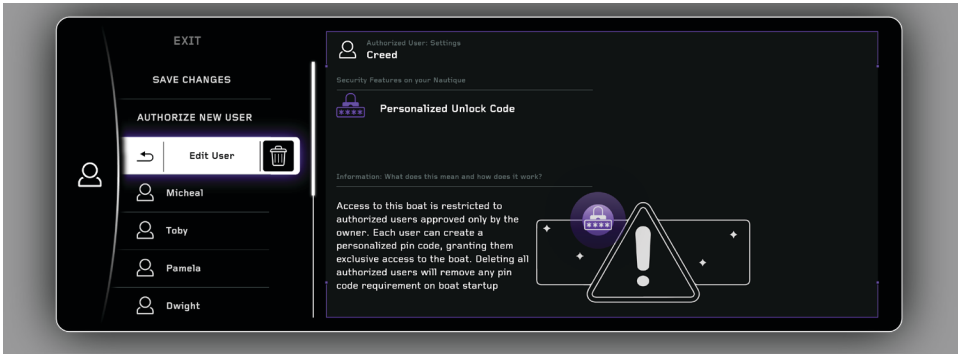


PREFERENCES MENU - KEYPAD SECURITY



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)

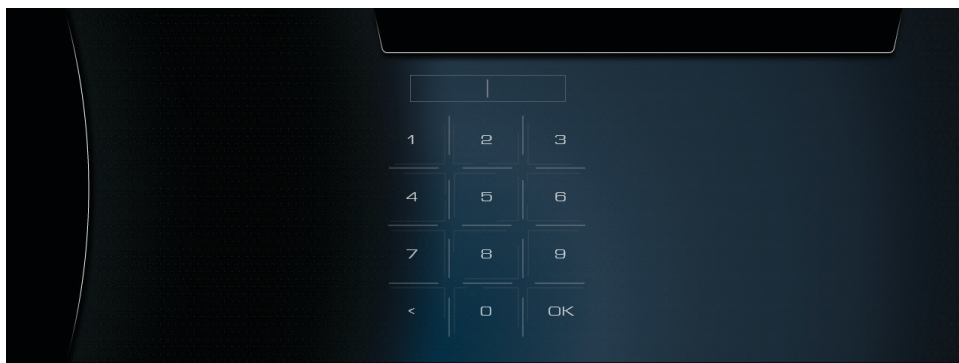


PREFERENCES MENU - KEYPAD SECURITY

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

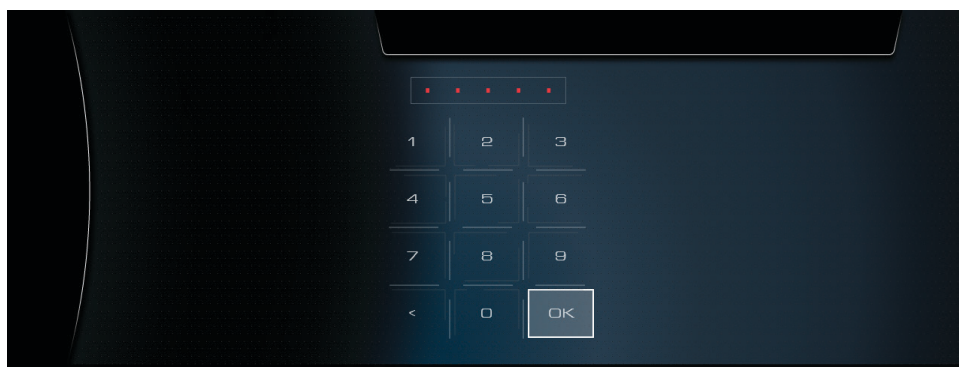
Now, you can enter any pin code that has been authorized in the keypad security menu. Using either touch controls or helm command, select the numbers corresponding with your code. When finished, select "OK."

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

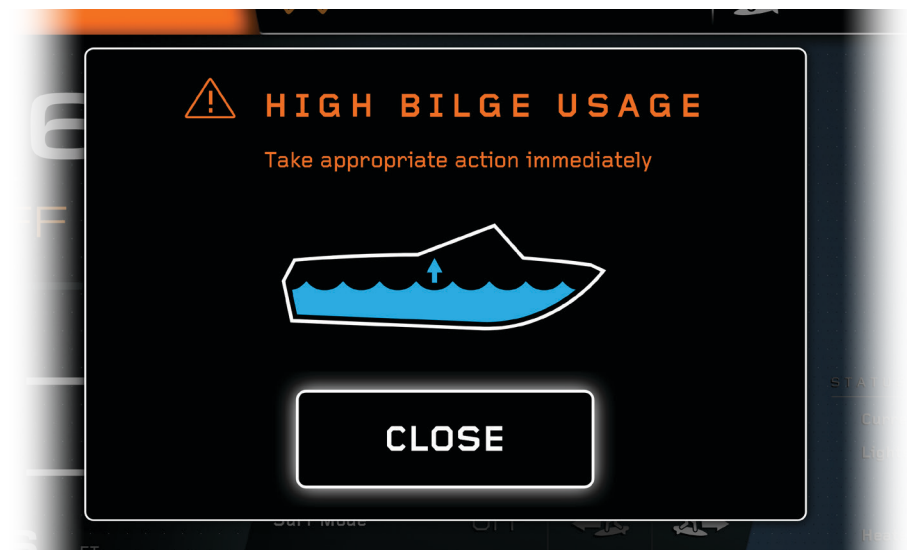
PREFERENCES MENU - KEYPAD SECURITY

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

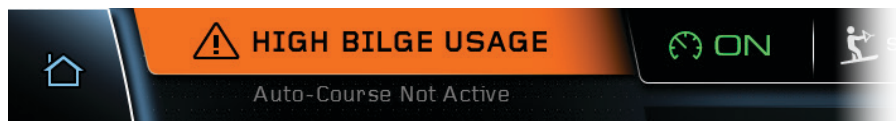


HIGH BILGE ALERT POP-UP MESSAGE

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



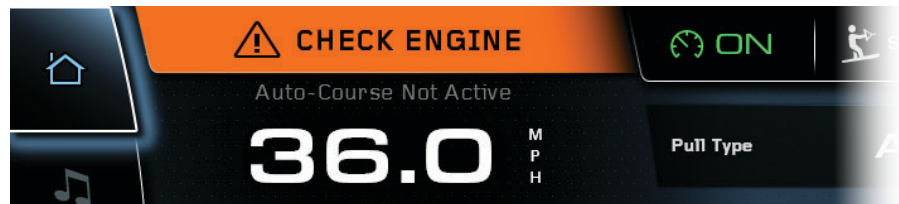
ENGINE DIAGNOSTIC POP-UP MESSAGE

ENGINE DIAGNOSTIC MESSAGE - WARNING

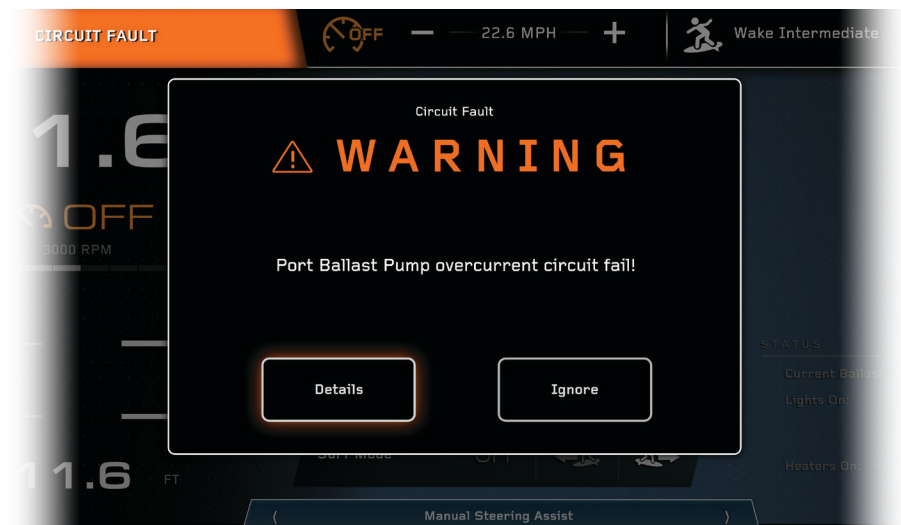
It is strongly advised that you contact your Nautique dealer immediately when a diagnostic message appears.

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).



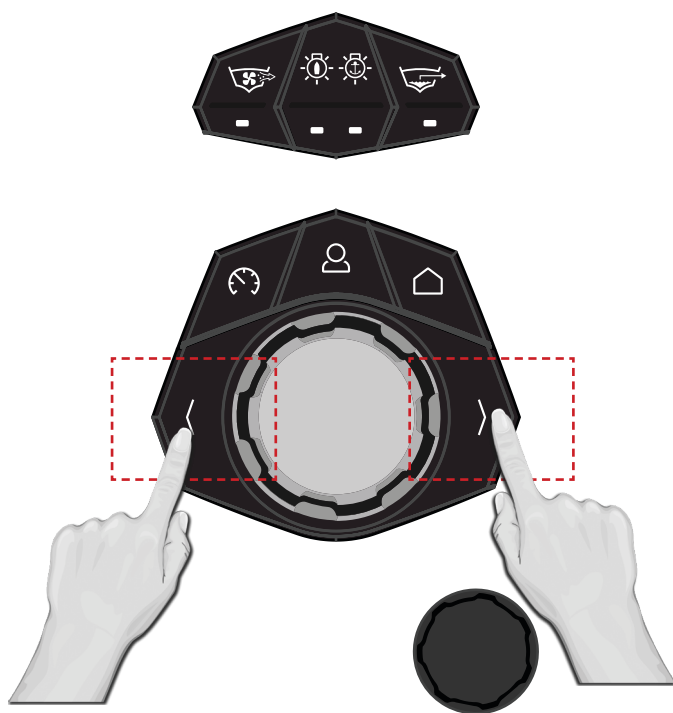
HELM COMMAND - FAIL-SAFE

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.

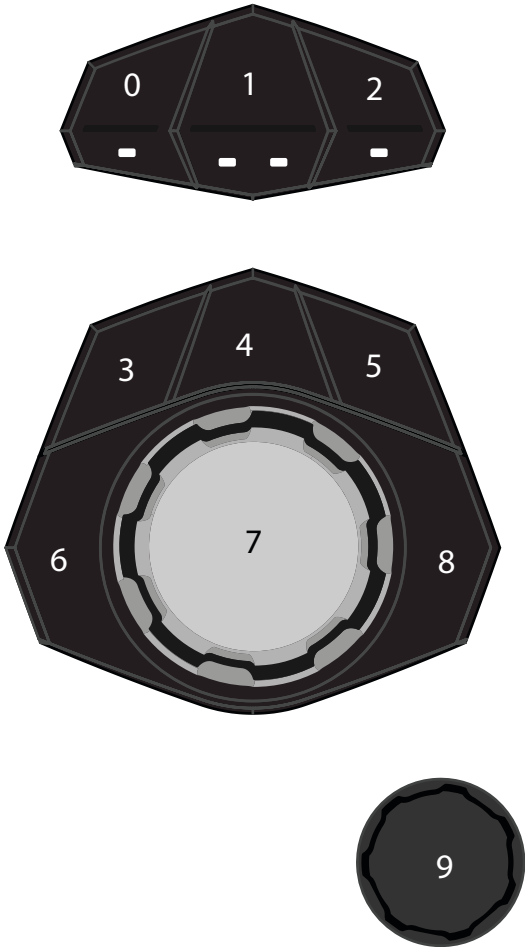


HELM COMMAND - FAIL-SAFE

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

