






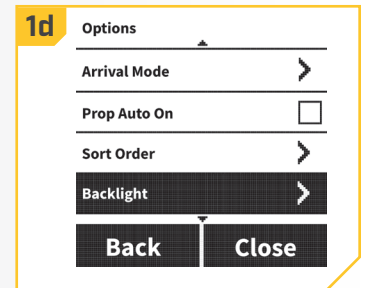
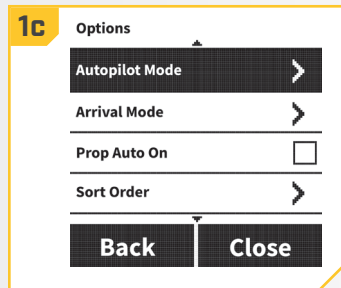
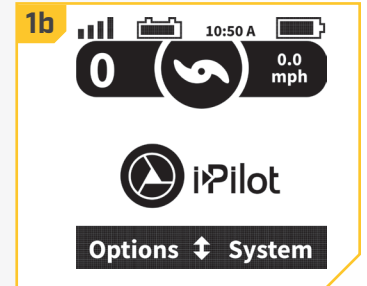
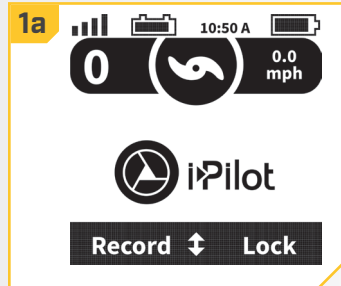


REMOTE CONTROLS








› To Adjust the Backlight Brightness

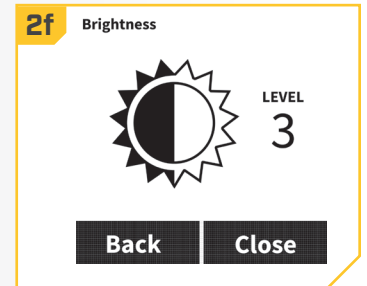
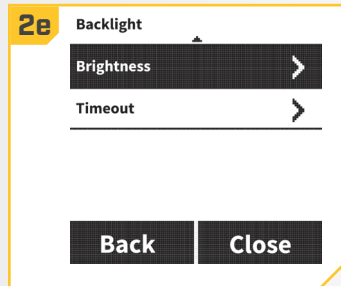
1

- Press the Home  button.
- Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.
- Use the Left Softkey  to select the Options menu.
- In the Options menu, use the Menu Up  and Menu Down  buttons to find the Backlight selection. Press the Ok  button to select it.



2








- In the Backlight menu, use the Menu Up  and Menu Down  buttons to find the Brightness selection. Press the Ok  button to select it.
- Use the Menu Up  and Menu Down  buttons to adjust the screen to the desired brightness.
- Once the desired brightness is found, press the Right Softkey  to Close the menu or the Home  button to exit the menu.

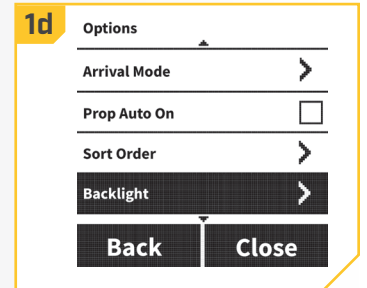
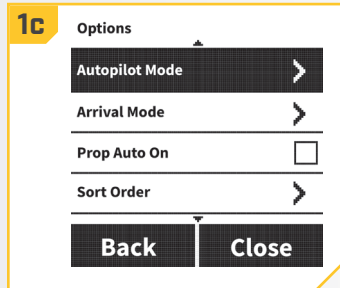
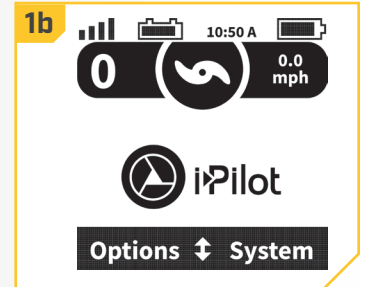
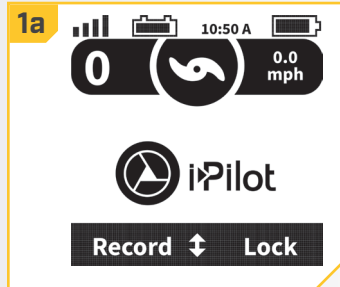


NOTICE: Remote battery life is subject to frequency of use and is especially impacted by how often and bright the LCD backlight is used.









▶ To Adjust the Backlight Timeout

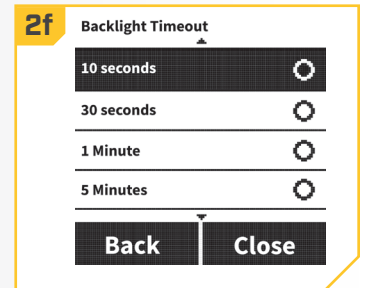
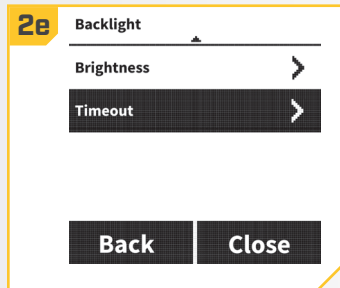
1

- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.
- c. Use the Left Softkey  to select the Options menu.
- d. In the Options menu, use the Menu Up  and Menu Down  buttons to find the Backlight selection. Press the Ok  button to select it.










2

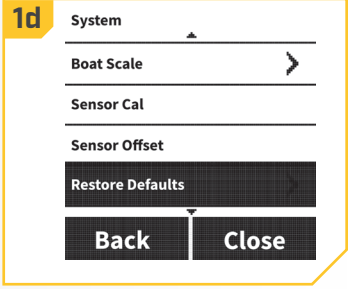
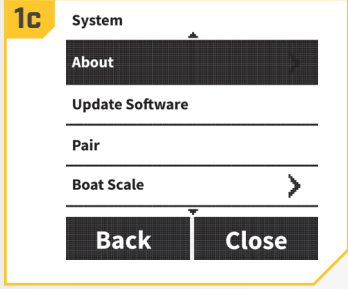
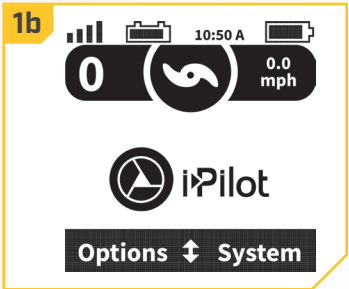
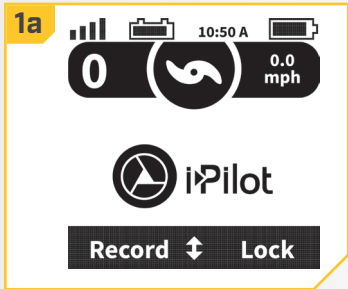
- e. In the Backlight menu, use the Menu Up  and Menu Down  buttons to find the Timeout selection. Press the Ok  button to select it.
- f. Use the Menu Up  and Menu Down  buttons to find the desired Backlight Timeout. Use the Ok  button to select it. The circle to the right of the selected Backlight Timeout will become solid when selected.
- g. Once the desired Backlight Timeout is found, press the Right Softkey  to Close the menu or the Home  button to exit the menu.



Restore Defaults

1

- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the System menu at the bottom of the display screen.
- c. Use the Right Softkey  to select the System menu.
- d. Use the Menu Up  and Menu Down  buttons to find the Restore Defaults option. Use the Ok  button to select it.



CAUTION

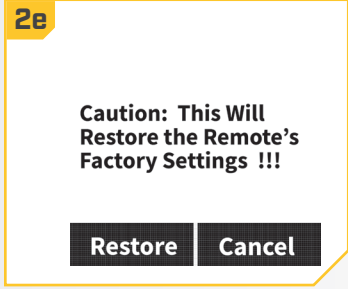
This will restore the i-Pilot's factory settings!

2

- e. Use the Left Softkey  to select the Restore option.




CAUTION

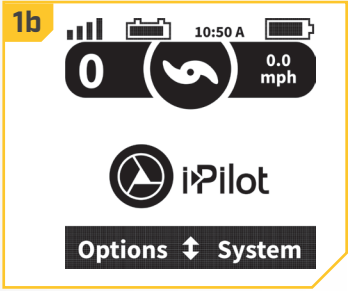
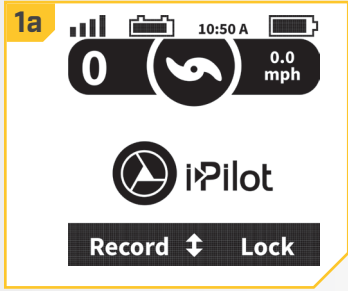
This will restore the i-Pilot's factory settings!



Selecting Remote Language








1

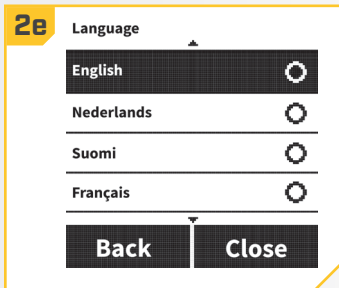
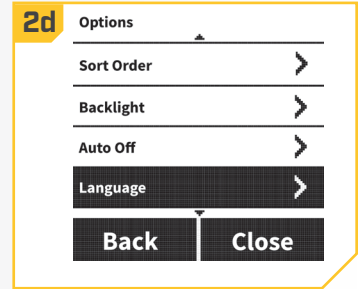
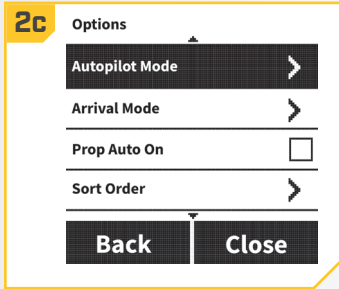
- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.



REMOTE CONTROLS









2

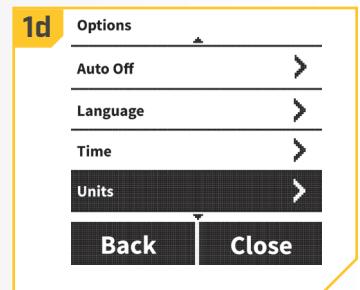
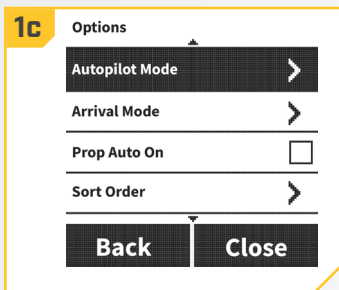
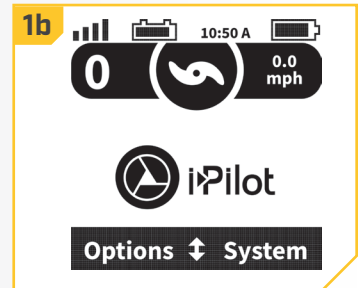
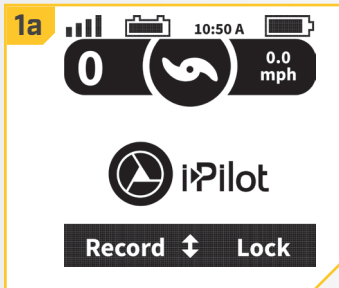
- c. Use the Left Softkey  to select the Options menu.
- d. Use the Menu Up  and Menu Down  buttons to find the Language menu. Use the Ok  button to select it.
- e. Use the Menu Up  and Menu Down  buttons to find the desired language. Use the Ok  button to select it. The circle to the right of the selected Language will become solid when selected.



> Change the Distance Units

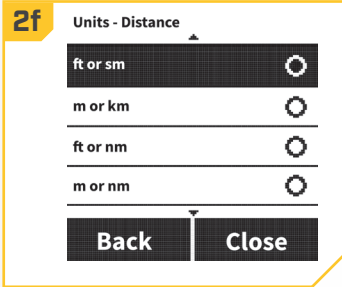
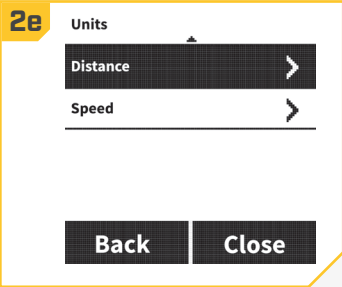
1

- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.
- c. Use the Left Softkey  or Right Softkey  to select the Options menu.
- d. Use the Menu Up  and Menu Down  buttons to find the Units menu. Use the Ok  button to select it.



2

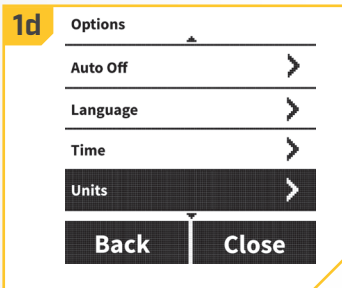
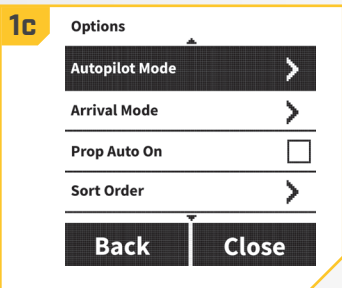
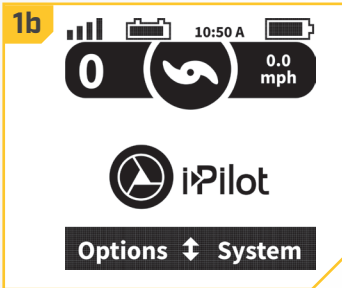
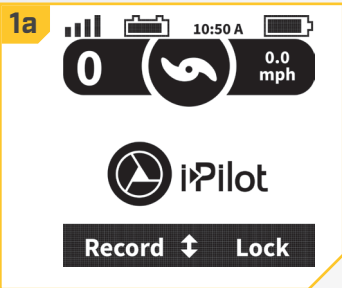
- e. Use the Menu Up ▲ and Menu Down ▼ buttons to find the Distance menu. Use the Ok ⏏ button to select it.
- f. Use the Menu Up ▲ and Menu Down ▼ buttons to scroll to the desired unit of measurement. Use the Ok ⏏ button to select it. The circle to the right of the selected Distance Unit will become solid when selected.



Change the Speed Units

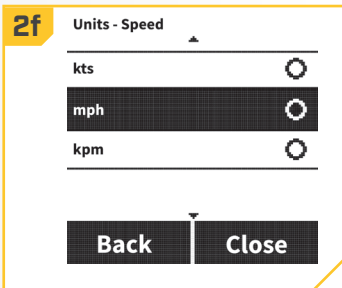
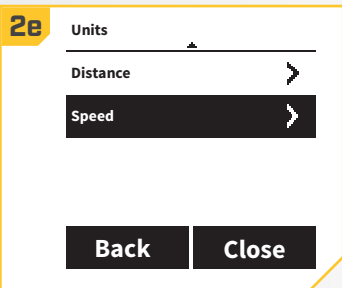
1

- a. Press the Home ⏏ button.
- b. Use the Menu Up ▲ and Menu Down ▼ buttons to find the Options menu at the bottom of the display screen.
- c. Use the Left Softkey ⏏ to select the Options menu.
- d. Use the Menu Up ▲ and Menu Down ▼ buttons to find the Units menu. Use the Ok ⏏ button to select it.






2

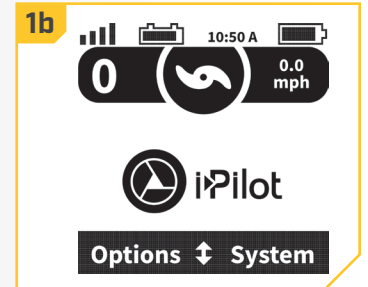
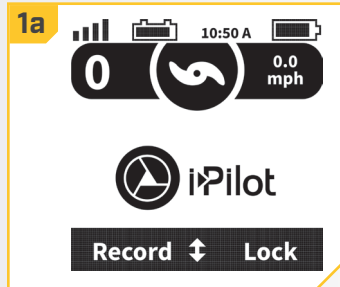
- e. Use the Menu Up ▲ and Menu Down ▼ buttons to find the Speed menu. Use the Ok ⏏ button to select it.
- f. Use the Menu Up ▲ and Menu Down ▼ buttons to scroll to the desired unit of measurement. Use the Ok ⏏ button to select it. The circle to the right of the selected Speed Units will become solid when selected.










› Change the Time Format

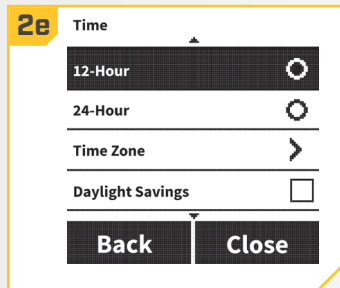
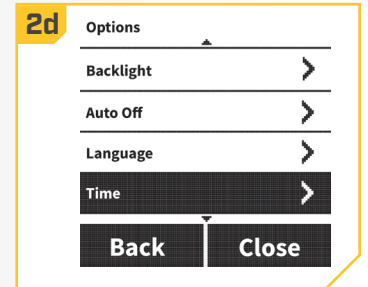
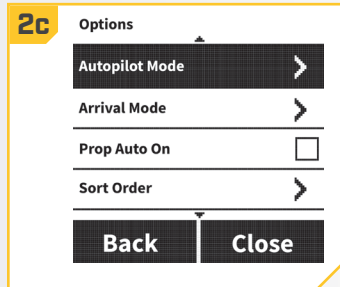
1

- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.






2

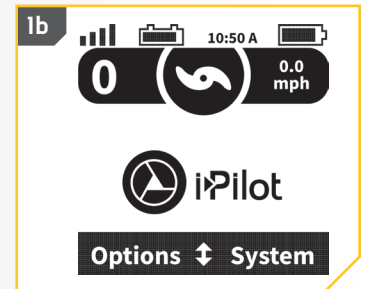
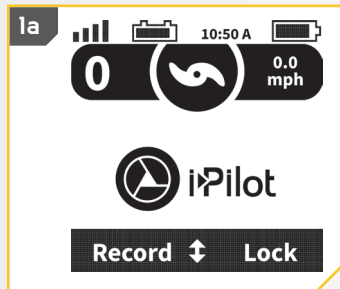
- c. Use the Left Softkey  to select the Options menu.
- d. Use the Menu Up  and Menu Down  buttons to find the Time menu. Use the Ok  button to select it.
- e. Use the Menu Up  and Menu Down  buttons to find the desired time display option. Use the Ok  button to select it. The circle to the right of the selected time format will become solid when selected.













› Change the Time Zone

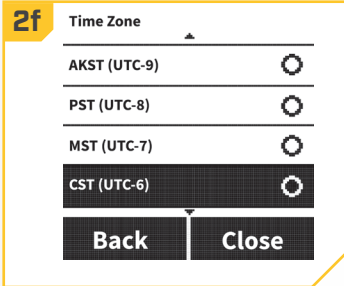
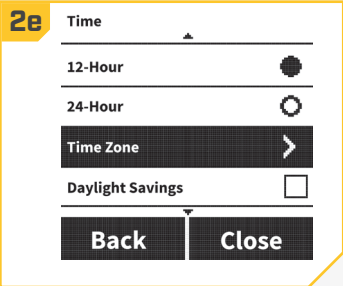
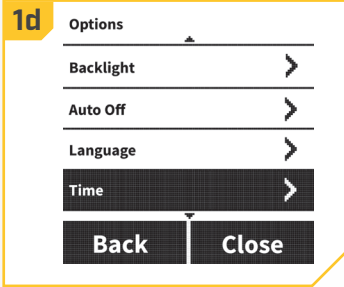
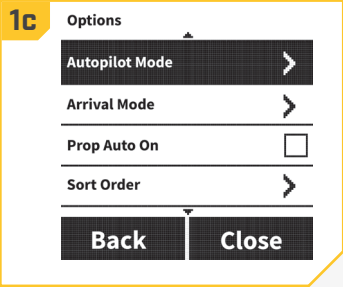
1

- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.










2

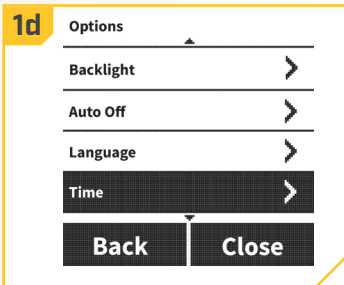
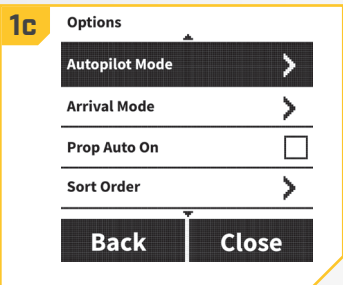
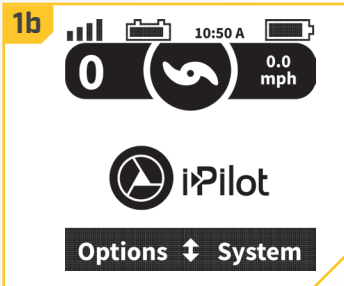
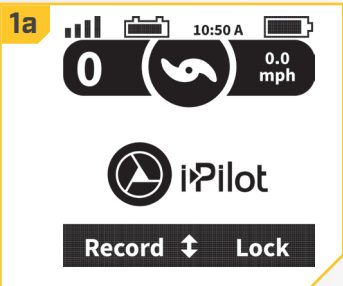
- c. Use the Left Softkey  to select the Options menu.
- d. Use the Menu Up  and Menu Down  buttons to find the Time menu. Use the Ok  button to select it.
- e. Use the Menu Up  and Menu Down  buttons to find the Time Zone menu. Use the Ok  button to select it.
- f. Use the Menu Up  and Menu Down  buttons to find the desired Time Zone. Use the Ok  button to select it. The circle to the right of the selected Time Zone will become solid when selected.






Toggle Daylight Savings

1

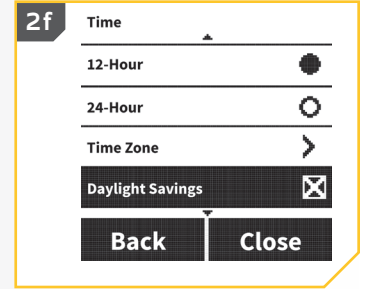
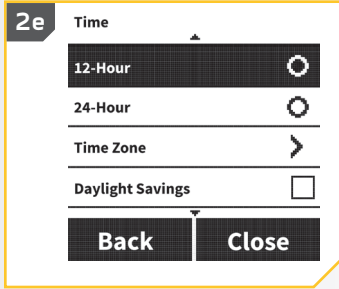
- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.
- c. Use the Left Softkey  to select the Options menu.
- d. Use the Menu Up  and Menu Down  buttons to find the Time menu. Use the Ok  button to select it.



2








- e. Use the Menu Up  and Menu Down  buttons to find the Daylight Savings menu.
- f. Use the Ok  button to toggle the check box On and Off.

NOTICE: The displayed time will be adjusted for Daylight Savings time when the box is marked in. When the box is unmarked, the displayed time will be unaffected.

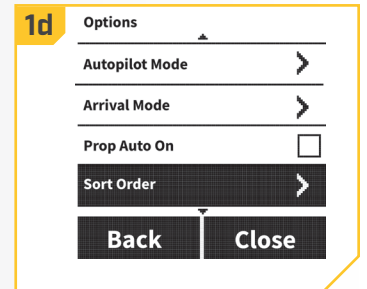
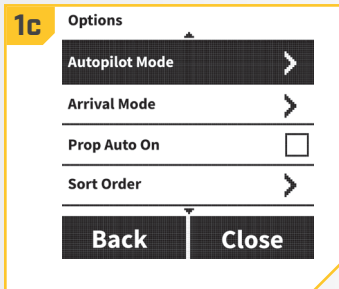
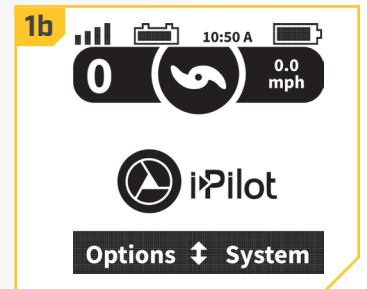
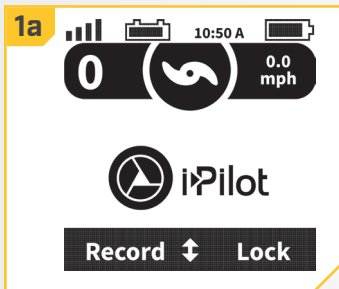


Change the GO TO List Sort Order




1

- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.
- c. Use the Left Softkey  to select the Options menu.
- d. Use the Menu Up  and Menu Down  buttons to find the Sort Order menu. Use the Ok  button to select it.

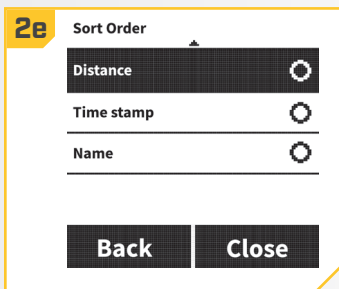
NOTICE: Changing the list sort order organizes how the list of Spot-Locks and iTracks are displayed.



2




- e. Use the Menu Up  and Menu Down  buttons to find desired Sort Order. Use the Ok  button to select it. The circle to the right of the selected Sort Order will become solid when selected.

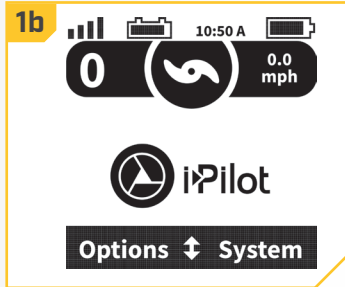
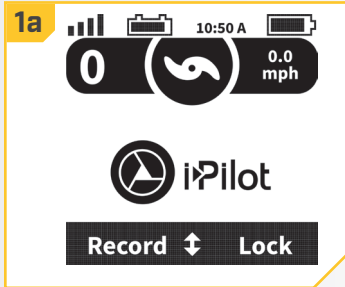
NOTICE: Distance will sort a list from the closest to the farthest away. Time stamp will sort a list from the most recent date created to the oldest date. Name will sort in alphabetical order.










› Set the Remote Auto Off

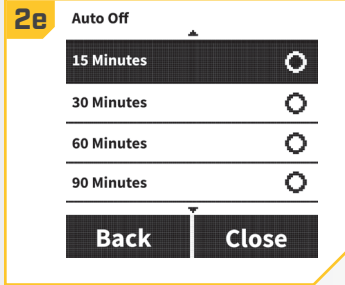
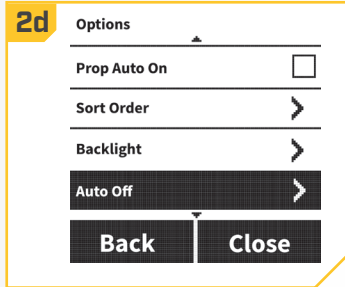
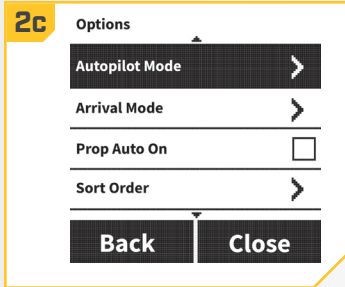
1

- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Options menu at the bottom of the display screen.




2

- c. Use the Left Softkey  to select the Options menu.
- d. Use the Menu Up  and Menu Down  buttons to find the Auto Off menu. Use the Ok  button to select it.
- e. Use the Menu Up  and Menu Down  buttons to find the desired option. Use the Ok  button to select it. The circle to the right of the selected Auto Off option will become solid when selected.






! WARNING


When the motor is being controlled by the i-Pilot system, the controller will continue to perform the last task it was assigned, even when the remote is not powered "on". Be sure to know how to power the motor "on" and "off", and always be alert for unexpected motor movement, such as a turning propeller, even when the remote is powered "off". Refer to the motor Owner's Manual for how to control the motor without the i-Pilot remote and become familiar with it's features including how to turn it "on" and "off". When the remote turns "off" based on the setting chosen with the Auto Off feature, be sure to learn to turn the remote on by pressing the Ok  button and following the on screen prompts. After the remote is powered "on" it will need to connect to the controller.




NOTICE: See the System Startup section of this manual for more information on how to power the Remote "on". The Auto Off will turn the remote off after the selected time frame. Time frame options include 15 Minutes, 30 minutes, 60 Minutes, 90 Minutes, 120 Minutes and Always On.

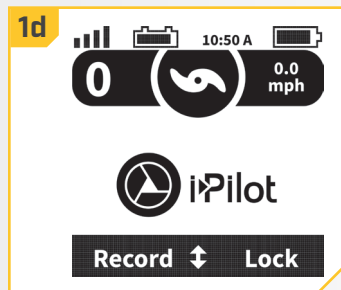
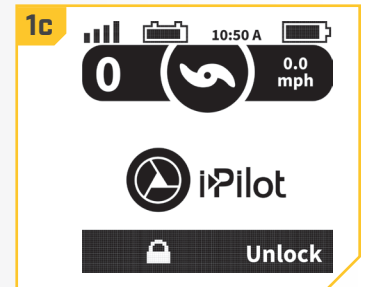
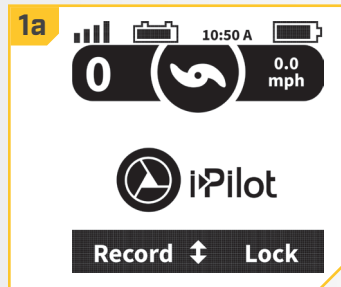
› To Lock and Unlock the Remote

1

- a. Press the Home  button.
- b. Use the Menu Up  and Menu Down  buttons to find the Lock menu at the bottom of the display screen.

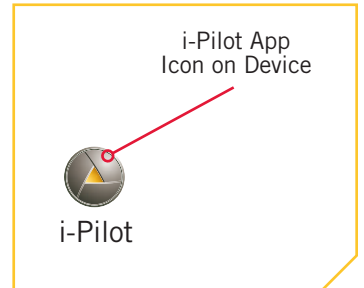
NOTICE: For all motors except the Ulterra and Riptide Ulterra, the Lock menu is a pre-determined selection at the bottom of the display screen when the Home  button is pressed.

- c. Use the Right Softkey  to select the Lock option. Do this by pressing and holding the corresponding softkey for 3 seconds. Once the screen is locked, the menu at the bottom of the display screen will read Unlock.
- d. To Unlock the display screen use either the Left Softkey  or Right Softkey  to select the Unlock option. Do this by pressing and holding the corresponding softkey for 3 seconds.
- e. Once the screen is unlocked, it will return to the Home menu.

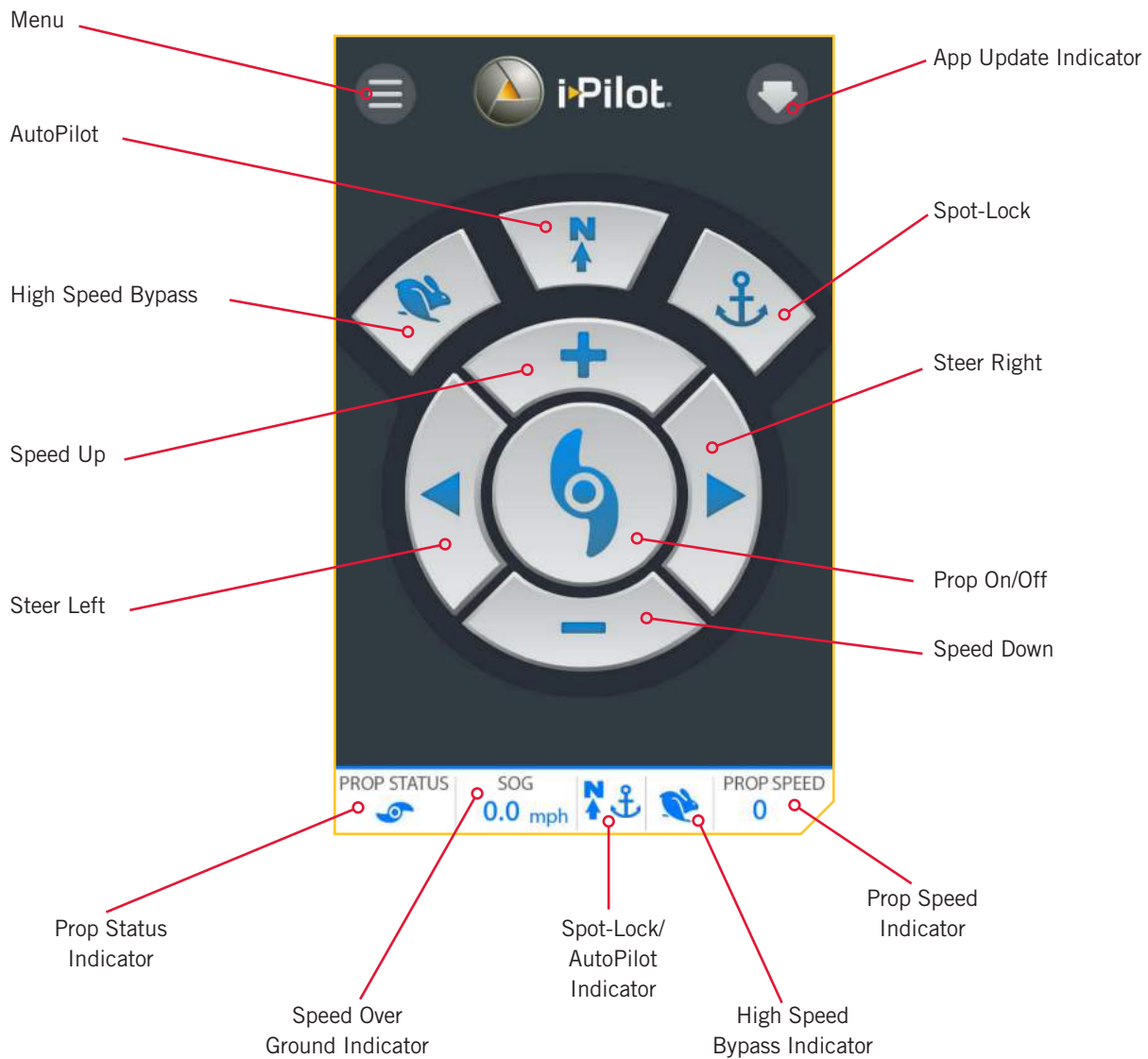


i-PILOT APP

Minn Kota offers an i-Pilot App that can be used to control and update i-Pilot on your motor using a Bluetooth enabled device. The i-Pilot App is available for download on iOS devices through the Apple App store or Android devices through the Google Play store.



i-Pilot App Home Screen



NOTICE: Specifications subject to change without notice. This diagram is for reference only and may differ from your actual app interface. i-Pilot app will only work with i-Pilot enabled motors. Be sure that you download the correct app as other Minn Kota apps will not work with your motor.



APP BUTTONS >



Speed Up & Speed Down

Press to increase or decrease motor speed. Buttons change appearance when Spot-Lock is engaged and Spot-Lock Jog is available.



Spot-Lock Jog

The Speed Up and Speed Down buttons change function when Spot Lock is engaged and Spot-Lock Jog is available. A Heading Sensor is required for Spot-Lock Jog. When Spot-Lock Jog is available, these buttons function to jog the boat either forward or backward.



Steer Left & Steer Right

Press to steer the motor to the left or to the right. While Spot-Lock is enabled, and Spot-Lock Jog is available, these buttons will function to jog the boat to either the left or right if your motor is connected to a Heading Sensor.



Prop On/Off

Pressing this button will turn the Prop on and off.



High Speed Bypass

Bypasses the current motor speed to speed 10. Double press to engage. Single press to disengage.



Spot-Lock

Press to enable Spot-Lock.



AutoPilot

Press to enable AutoPilot or Advanced AutoPilot. The default AutoPilot Mode is set on the remote.

HEADER >



Menu

When selected, the Menu icon gives options to update software for the Control Head and Remote when available, get help, check which version of software is loaded into the i-Pilot remote or Control Head, and register your product.

NOTICE: When the device is not connected to a motor, the Menu will bring up the option to enter Demo Mode. Once the device is connected to a motor, Demo Mode is exited and the option is not available.

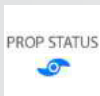
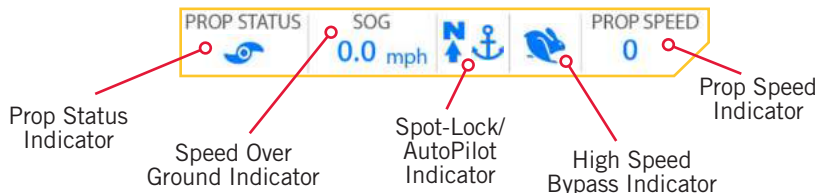


App Update Indicator

The App Update Indicator is only available when an update to the app is available. This icon will not appear when the app is up-to-date. This icon is for updates to the app only. For updates to the controller, refer to the "i-Pilot Software Update" option in Menu of the app.

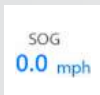


FOOTER >



Prop Status Indicator

The Prop Status Indicator contains a Prop icon when the Prop On/Off is turned "on" and is empty when the Prop On/Off is turned "off". The Prop icon will rotate when the Prop is turned on and the speed is above 0 (zero).



Speed Over Ground Indicator

The Speed Over Ground indicator contains the speed that the boat is moving over the ground in mile per hour increments.



Spot-Lock Indicator

The Spot-Lock Indicator contains the Spot-Lock icon when Spot-Lock is engaged. The icon will look the same regardless of the availability of Spot-Lock Jog.

NOTICE: The Spot-Lock and AutoPilot Indicators are in the same place in the app footer. Since AutoPilot and Spot-Lock cannot be turned on at the same time, this location will contain one icon or the other. When neither feature is turned on, the location will be empty.



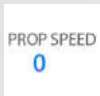
AutoPilot Indicator

The AutoPilot Indicator contains the AutoPilot icon when AutoPilot is engaged. The icon will look the same regardless of the AutoPilot Mode that is determined on the remote.



High Speed Bypass Indicator

The High Speed Bypass icon will appear when High Speed Bypass is engaged. The High Speed bypass button requires a double press to engage the feature and make the icon appear. No icon is present when High Speed Bypass is disengaged.



Prop Speed Indicator

The Prop Speed Indicator displays the current Prop speed.

WARNING

The person operating the i-Pilot app is under the same responsibility of operation as if they were operating the i-Pilot either through the remote or any other manner. All safety considerations and precautions for motor operation must be heeded and abide by. This applies to the general "Safety Considerations" at the beginning of this manual and cautions and warnings that are specific to general operation and using features of the i-Pilot system.

LAUNCHING THE APP & DEMO MODE

Launching the app when it is not paired with the motor will allow you to try it out. Every time the app is launched, you must agree with the disclaimer in order to continue. Become familiar with the app screens in order to understand how to operate your motor with the app.



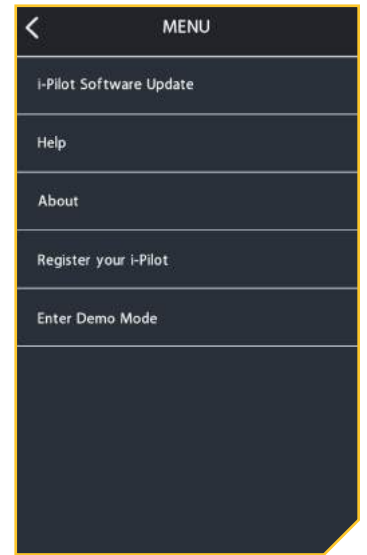
The "Disclaimer" screen when the app is launched.



The "Motor Not Found" screen will appear when the app launches and the motor is either not powered up, connected with Bluetooth or paired to the device.



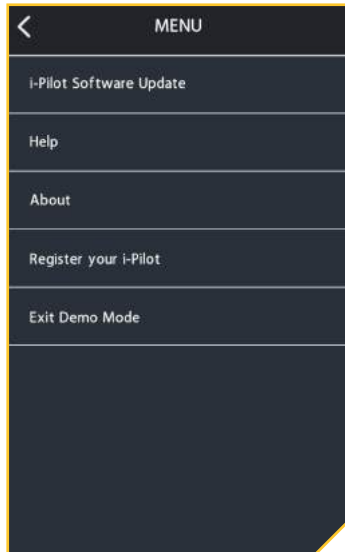
The buttons are deactivated when the app is not connected to a motor.



By selecting the Menu, you can "Enter Demo Mode" to engage in the app.



The Home Screen when in Demo Mode.



By selecting the Menu while in Demo Mode, you can "Exit Demo Mode".

NOTICE: Once the app is paired with a motor, the full features of the app will be available. Demo Mode is only available when the device is not paired or communicating with a motor.

GETTING STARTED >

> Pairing a Device with the i-Pilot Controller

In order to pair the device with the controller, the app should first be successfully downloaded. You can check that the app was successfully downloaded by opening it on your device. Once you have successfully installed the app and verified installation, close the app to begin the pairing process.

NOTICE: Your device will only be able to connect to a motor and be paired if Bluetooth is enabled on the device you want to pair.

1

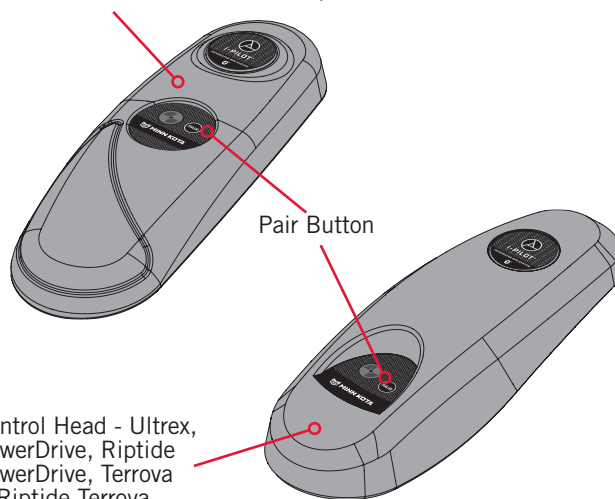
- On the device you intend to pair with the i-Pilot controller, turn Bluetooth "on".
- Locate the Pair button on the top of your Control Head. The Control Head contains the i-Pilot controller. Press and hold the Pair button. The Control Head will emit a continuous tone.
- While the Pair button is being held down, scan for the motor on your device. On the device, select the motor from the list of detected devices. Once the device is paired with the motor, the Control Head will emit 3 longer beeps. Once you hear the beeps, the motor was successfully paired and you can stop pressing the Pair button.

NOTICE: In order for the device and your motor to stay connected, Bluetooth needs to remain "on". Once the device is paired with the motor, they will connect and begin communicating with each other.

- Once the device is paired with the motor, and they are connected, the buttons on the Home screen will be blue. If they are not communicating, the buttons will stay deactivated.

NOTICE: You can have up to two devices paired to an i-Pilot controller.

1b Control Head - Ultrera & Riptide Ultrera



Update the i-Pilot App

NOTICE: It is important to keep the i-Pilot App up-to-date, because all updates to the i-Pilot remote and controller are communicated through the app.

1

- a. Open the i-Pilot app on the device. Check to see if the App Update Indicator icon in the upper right hand corner is present. If no icon is present, the device app is up-to-date.
- b. If the App Update Indicator icon is present, you need to update the app on the device.



› Check Remote and Controller Software Version

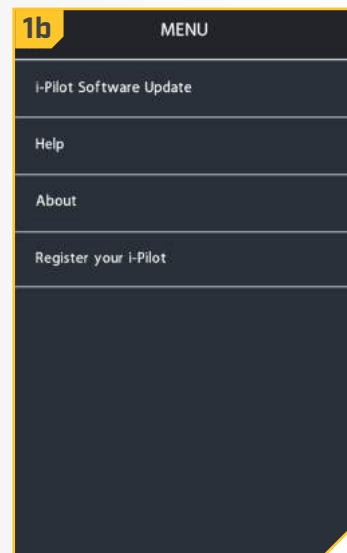
The i-Pilot App on the device communicates with the i-Pilot controller, which is in the Control Head of the paired motor. When the App is communicating with a controller, the About screen will display the current version of the app and information about the versions of software in the controller.

1

- a. From the i-Pilot app Home screen, press the Menu icon.
- b. In the Menu screen, select the About option.
- c. The About screen will appear showing the version of the i-Pilot app on the device, the version of i-Pilot software in the controller and the version of the i-Pilot remote software stored in the controller.

NOTICE: Noting the version of the App, controller and remote will help to identify if they are up-to-date and if updates were successful.

NOTICE: The app cannot communicate directly with the i-Pilot remote. The i-Pilot controller holds i-Pilot remote updates that must be updated from the remote. Complete any remote updates after all other updates have been complete. To update the remote, please see the "Update i-Pilot Remote Software" section if this manual.



Update the i-Pilot Controller

In order to update the i-Pilot controller, the i-Pilot app on the device should first be updated. To update the app, please refer to the "Update the i-Pilot App" section of this manual. To update the controller, please also confirm that the device is turned on and the controller is paired with the device. To complete this process, please refer to the "Pairing a Device with the i-Pilot Controller" section of this manual. Once both of those are confirmed, please use the following steps to update the controller.

NOTICE: The i-Pilot remote must be updated from the controller, using the remote. Complete any remote updates after all other updates have been complete. To update the remote, please see the "Update i-Pilot Remote Software" section of this manual.

1

- a. Make sure that the following criteria are met:
 - The app is up-to-date.
 - The device has Bluetooth enabled.
 - The device is paired with the controller.
 - The device is within range of the controller during the update process.
- b. Open the i-Pilot app on the device.
- c. Accept the disclaimer to bring up the Home screen. In the upper left hand corner of the Home screen, press the Menu icon to bring up the Menu.
- d. When the Menu screen displays, select the i-Pilot Software Update option.
- e. If the software is up-to-date, the screen will read "Software Up To Date". If the software needs to be updated, there will be information on the screen stating "New Software Available!"
- f. Select "New Software Available!" and information about the current and new versions will display along with a button that reads, "Press to begin Update."
- g. Follow the on-screen prompt to successfully complete the update.

