

i-Pilot Link Remote “Invalid Software” Recovery

Affected Models: All i-Pilot Link BT Equipped Motors (Ulterra, Terrova, Ultrex).

Serial Number Range: Q179MK00001 - Present

Reason: Process Change, Correction to Case XI of the i-Pilot Link repair manual.

Actions: Follow new repair instructions.

Related Part Numbers: 2994076

Additional References: Repair Manual, i-Pilot Link Chapter, Case XI

Explanation:

Case XI of the repair Manual indicated that a remote that opened on the “Boot Loader” screen with the Current software listed as “Invalid” required replacement of the remote. A majority of these remotes are recoverable by updating the software in the remote. Case XI will now say:

Case XI. The Screen on the *3.0 remote* displays “IPILOT LINK REMOTE BOOT”

Cause 1: The Spot-Lock button was held down as the remote was powered on. (This case will have a current software revision number)

Corrective Action 1: Reboot the remote.

Cause 2: Current software on the remote is unreadable. This will show the Current Software “INVALID”, as in the picture to the right.

Corrective Action 2: Reload/Update Remote Software following these instructions.

Step 1. Update the i-Pilot Link Software. It is important to have the latest software in the motor to avoid any potential issues when the update is completed.

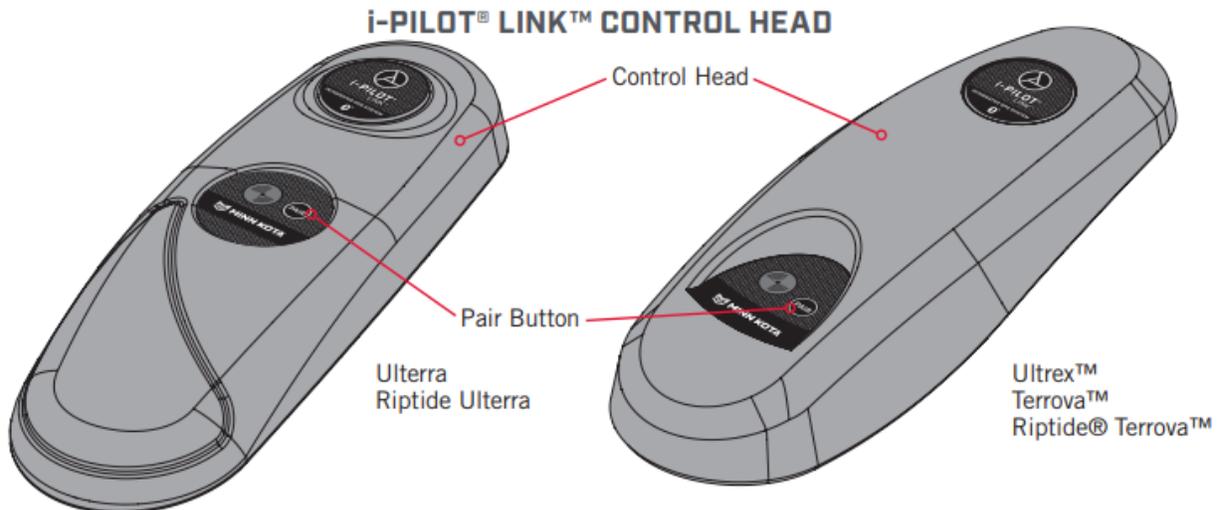


Notice: It is critical that you update the software on the motor, motors do not have a copy of remote software stored until an update has been performed. For more information on updating the software please go to <https://www.minnkotamotors.com/support/software#iPilotLink> (QR code to the right). The update to the controller should be done using an iOS or Android Device with the i-Pilot Link App.

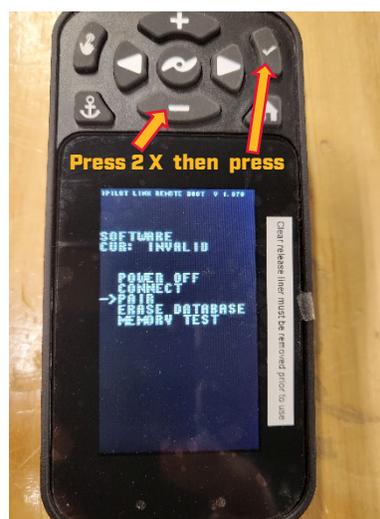


Step 2. Connect the motor to power and power on the motor, this process can be completed with the motor in the stowed position.

Step 3. Press and hold the “Pair” button on the i-Pilot Link Control Head of the motor (the motor will emit a continuous tone while you hold the pair button). Do not release the button through the end of Step 4.

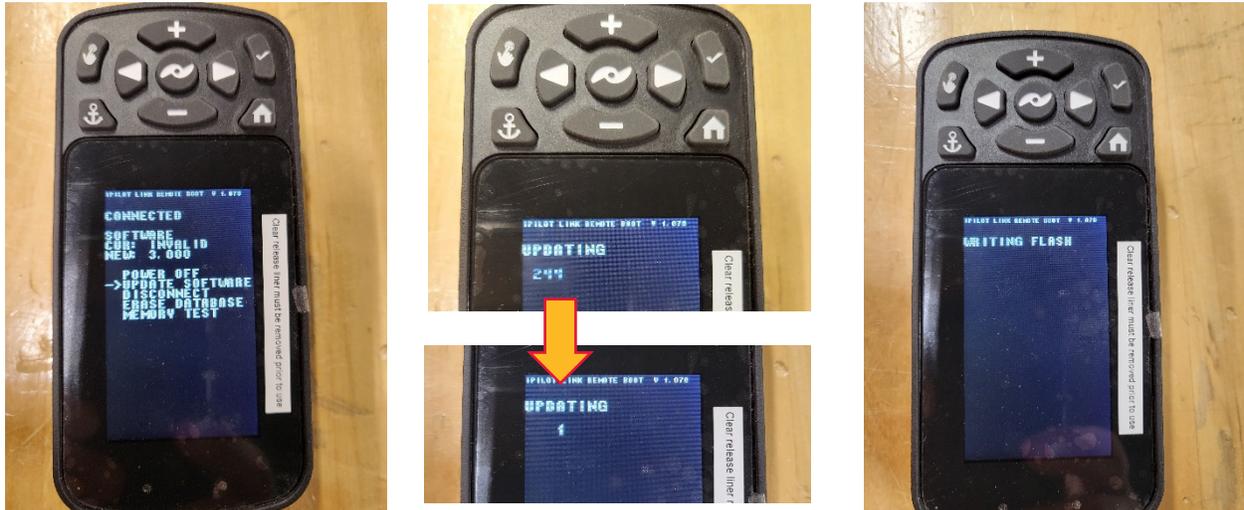


Step 4. Scroll down from “POWER OFF” to “Pair” using the “-” button on the keypad. Press the “✓” on the remote. The remote will say “PAIRING” while scanning for the motor, when the motor successfully pairs to the remote the motor will emit three beeps and the tone will stop, and the top of the text screen will now say “CONNECTED”. You can release the Pair button on the control head at this point.



With the Pairing process is now complete the screen will say “CONNECTED” at the top and have a few different menu options.

Step 5. Use the “+” and “-” buttons to align the arrow with the “UPDATE SOFTWARE” option from the menu list, then press the “✓” to begin the software update process. The remote will Display “UPDATING” and will begin a count down below, when the count reaches “0” it will say “WRITING FLASH”, then automatically return to the menu screen (same as left picture below).



Step 6. Power the remote off; on the menu screen select use the “+” and “-” buttons to move the arrow with “POWER OFF” from the menu list, then press the “✓” to turn the remote off.

Step 7. Press and hold the “✓” to turn the remote back on. If the software update was successful the normal Graphic User Interface Boot screen will appear on the remote as shown below. If the software update is unsuccessful replace the remote, part number 2994076.



Notice: The remote will not be paired to the motor at the completion of this process.