

NL4-CC INSTALLATION and OPERATION GUIDE

Deutsch 4 Position Plug CONNECTOR.

Attach to the Input Power (now loose P2).

Deutsch 4 Position Socket CONNECTOR.

Attach to the Computer Module Power (P2).

[First swap the orange polarization cap with the cap on the original P2 connector]



Deutsch 6 Position Plug CONNECTOR.

Attach to the Paddlewheel connector

(now loose P14).

Deutsch 6 Position Socket CONNECTOR.

Attach to the Computer Module Speed/Temp (P14).

PS2 MINI CIRCULAR CONNECTOR.

GPS RECEIVER CONNECTS HERE.

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The installation of the NL4 is simple. This product is a retro-fit. The NL4's 'power and signal' connectors are identical to your existing paddle-wheel and power connectors. Your tasks are basic: locate the GPS pod, mount the NL4, unplug the paddle-wheel/power, and attach the NL4. Wire stripping and/or splicing are NOT required.

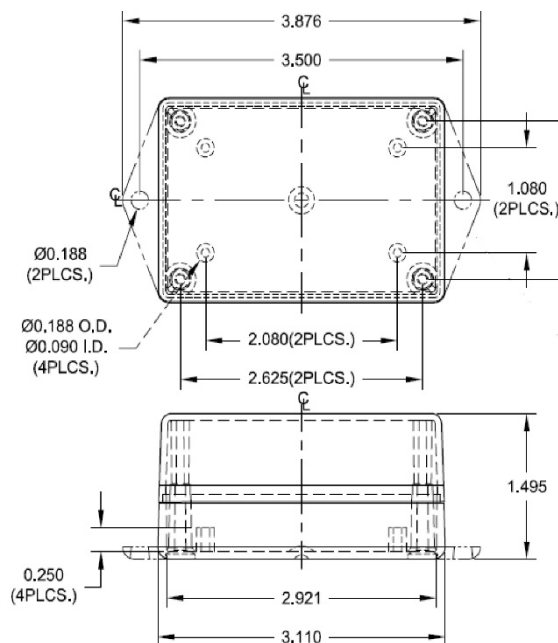
TURN OFF THE POWER and DISCONNECT THE BATTERY.

Locate the GPS Receiver.

The NL4's compatible GPS Receiver is waterproof with great reception. It's resilient and tolerant to marine surroundings. These following constraints are key: the GPS requires a clear line-of-sight to the sky; the windshield and/or cloth top shouldn't present a problem. Keep it away from other electronics / antenna's that may interfere with the receiver. Every boat is different, so experiment with varied Receiver locations to find the best (before mounting it permanently).



Find the Faria Gateway Dash Computer. The usual location is either under the dash, or in an Aft Compartment. Route the GPS cable towards the Gateway computer module.



NL4 Mounting Considerations.

The NL4 provides two mounting flanges on its case. Use these to secure the case on a flat surface, that's in reach of both the GPS Receiver and paddle-wheel connector. The mounting holes accept #8 screws (not provided).

Attach the NL4 Signal.

Separate the mating halves of the computer-to-paddle-wheel connector at P14. Insert the NL4's six-position socket connector into the computer's six-position plug; Make sure the mating connector latches engage.

To preserve the lake temperature function from the paddle-wheel, insert the free paddle-wheel socket into the NL4's six-position plug (male pins) connector. Make sure the mating connector latches engage.

Attach the NL4 to Power.

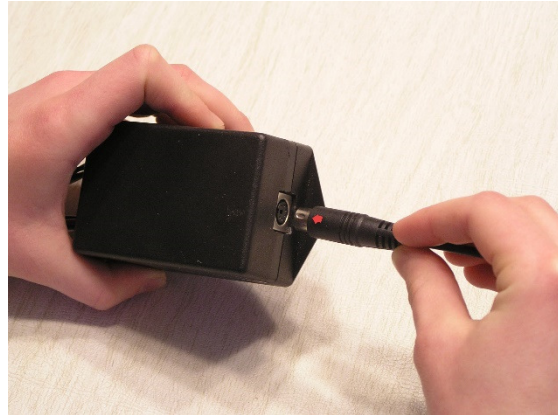
Separate the mating halves of the computer-to-Input Power connector at P2. The polarization end caps of the 'P2' connectors (the NL4's and the original) must be swapped. Using a fine flat head screwdriver, insert it under the black endcap, on the connector's clip side. Gently pry up. On the opposite connector side, do the same. With a little finesse, the endcap will pop loose. Pull the endcap free noting its orientation, and swap it with the NL4's P2 endcap. Now Insert the NL4's four-position socket connector into the computer at P2; Make sure the mating connector latches engage. insert the free Power socket into the NL4's four-position plug (male pins) connector. Make sure the mating connector latches engage.

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Attach GPS Receiver.

Plug the GPS Receiver into the NL4's PS2 connector. Note the 'ARROW' embossed into the connector. Orient the arrow at 12 o'clock, or away from the mounting flange. Fully insert the metal shell/pins into the socket. Be sure to strain relief the GPS Receiver cable/connector, with a cable tie to a nearby fixed provision.

Reconnect the Battery.



Operation.

The NL4's sole function is to communicate speed data from the GPS Receiver to the Instrumentation (Dash) Computer Module. The NL4 will in NO-WAY interfere or meddle with normal computer functions. The format of the NL4's speed output is an exact match to the paddle-wheels, and is a seamless integration into the computer system.

On a 'cold start' (power turned on after a prolonged off period) the GPS Receiver will require 1 - 2 minutes to sync to the satellites. With a warm start, expect the satellite sync within seconds.

The GPS Receiver is equipped with an internal Status Light.

1. THE LIGHT FLASHES: When the Receiver has power.
2. THE LIGHT REMAINS SOLID: When the Receiver has a Satellite Sync. This is required for normal operation.

Calibration.

Follow the Speedometer Calibration procedure outlined in the Boat Manufacturer's Instruction Manual. A hand-held GPS is a very useful speed reference. Typically, the Paddle-wheel's speed is 1 to 2 mph slower than the cleaner, faster NL4.

Warranty. Nautic Laugic warranties the NL4 for one year.

Should this product malfunction or fail, please return it so we can make it right!! Please see our policies page at www.nauticlaugic.com

THANK YOU FOR BUYING OUR PRODUCT!!

