

Portable Pilot Solutions

Bluetooth User Guide

Model: PPS-4-FF

Congratulations on your purchase of the PORTABLE PILOT SOLUTIONS™ AIS Pilot Plug to Bluetooth Interface!

Please read these instructions carefully before you operate your new AIS Pilot Plug interface.

WARNING!

This electronic device is not designed for use near nor in contact with liquids of any kind. It should be used only indoors or in sheltered spaces where it will remain dry.

Turning ON and OFF

Make sure the power plug is inserted into the side power port of the Bluetooth device and plug the power supply of your AIS Pilot Plug to Bluetooth Interface into a 100 – 240 Volt AC outlet to turn the Bluetooth device **ON**.

When the device first powers up, the **GREEN** Operating Status LED will light. The **GREEN** Operating Status LED will quick flash for 60 seconds and then start a slow flash while it awaits a connection. When a connection is established (usually by opening a charting program), the **GREEN** LED will turn to a steady light.

Simply un-plug the power supply to turn the Bluetooth device **OFF**. (All the LEDs will go off when the device powers down.)

Bluetooth LED Indicators

GREEN	Operating Status:	Quick Flashing / Regular Flashing = Awaiting a Connection Steady = Connected
RED	Data Status:	This may flash when data is present and being transmitted when in a low speed connect mode.

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Switchbox and LED Use

A properly configured AIS Pilot Plug should output AIS data at a baud rate of 38,400 bps on Pilot Plug terminals #1 and #4. The two switches on the PPS-4-BBT can be used to correct the most commonly seen mis-wirings: reversed Tx-/Tx+, reversed Tx/Rx pairs, and reversed Rx- /Rx+.

The LED on the switchbox will indicate data is coming from the AIS Pilot Plug as follows:

GREEN: Data is present with the correct polarity.

RED: Data is present with the wrong polarity. Try switching the position of the +/- switch.

(It is normal for the LED to periodically flicker with the color opposite the “steady” color indicated.)

No color in the switchbox LED means no data is present. Try switching the position of the Tx/Rx switch.

The Bluetooth Interface should be connected to the AIS Pilot Plug and powered **prior** to starting the program it will be used with.

Power interruptions in the outlet supplying power to the Bluetooth rig can cause the connection with the portable device or laptop to be lost. Close and re-start the program you are using with the device.

The PPS-4-FF AIS Interface does **NOT** correct for an incorrect baud rate setting. The user’s manual for the AIS should be consulted for the proper setup and settings of the AIS Pilot Plug.

Warranty

Portable Pilot Solutions LLC will, at its expense repair or replace any AIS interface that is defective for a period of six (6) months from the date of the buyer’s receipt of the product, subject to the following exceptions and limitations:

- The decision to repair or replace an AIS interface, or component of an AIS interface, will be made solely by PPS.
- Devices damaged due to the use of a power supply other than the one provided with the equipment will not be covered by this warranty.
- Opening the switchbox or intentionally breaking the tamper seal will void the warranty.
- Disconnecting the Bluetooth device from the switchbox will void the warranty.
- Disassembling the Pilot Plug fitting or the Bluetooth device’s case will void the warranty.
- Using the device outdoors or exposing it to liquids will void the warranty.
- Changing the Bluetooth device’s DIP switch settings will void the warranty.
- Re-programming or attempting to re-program the Bluetooth device’s settings will void the warranty.
- This warranty does not cover damage due to external causes, including accident, fire, theft, abuse, lightning, problems with electrical power, water or salt-water damage.

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For products needing warranty service, please e-mail Portable Pilot Solutions at info@pilotplug.com for shipping instructions. Shipping and insurance fees of products returned from buyers to PPS shall be paid by the buyer. Shipping and insurance fees of products repaired or replaced under warranty and sent from PPS to buyers shall be paid by PPS. Standard ground shipping will be used by PPS.

Special Warning To Users Of PPS Products

The accuracy of the navigational information (such as position, course, speed, etc.) for own ship and target vessels depends upon the accuracy of the sensors used, environmental and operational factors which may degrade the position or AIS information, and the quality of the installation of the equipment. Further, the accuracy of static information and voyage related data depends upon the accuracy with which it is entered and the frequency of its update. AIS users must bear in mind that a third party enters the static and voyage information received, and should also take that into account when assessing the usability of AIS information.

Users of AIS information should be skeptical of AIS information received and should always confirm by all other means possible the accuracy of the AIS information.

Limitation of Liability

Portable Pilot Solutions LLC makes no warranties, express or implied, and shall not by virtue of having delivered the AIS Interface be deemed to have made any representations or warranties as to the merchantability, suitability for a particular use, design of the AIS Interface, or as to the quality of the materials or workmanship of the AIS Interface. In no event shall Portable Pilot Solutions LLC be liable for any consequential, incidental, or other damages whatsoever arising out of the use of or inability to use the AIS Interface. Use of the AIS Interface constitutes acceptance of these terms and conditions.