

Initial setup / commissioning of Beneteau First 10R Instruments

**** NOTE: It should be necessary to perform this procedure only the first time the display is connected. DO NOT power on the instruments while the display and Masthead unit are disconnected from the boat, or the procedure will have to be performed again.*

When removing the mast from the boat, such as for trailoring, be sure that the instruments are powered down before removal, and that all of the wires are reconnected again before powering up.

Boats are delivered to the dealer level without the TL25 display or wind instrument mounted on the mast. These will need to be mounted before stepping the mast in the boat.

The wires for the masthead unit and Mast display will exit the mast and then need to be run under the floor to the Starboard settee where they will connect to the nke bus junction box located on the fwd bulkhead.

The Masthead unit will connect to any open 3 wire bus connection in the box. There will be a White, Shield, and Black wire. The box is labeled, and the connections will be the same as the other bus connections in the box, but for reference, the White is +12, the Shield is Ground, and the Black is the Topline bus Data wire.

The TL25 mast display has several additional wires used for Initialization, and for NMEA input from devices such as a GPS. The Base wiring is identical to the other bus devices; White, Shield, Black. The additional wires are Red (initialization), Green (NMEA -), and Yellow (NMEA +).

There will be a bus cable in the box already that connects this box to the nav station bus junction box. This bus cable should connect White, Shield, Black, Yellow and Green. You may share these connections with the TL25 cable. Just make them match. If the red wire is connected coming from the nav station disconnect it permanently. Connect all of the wires EXCEPT the red one from the TL25 to start the initialization of the display.

Power on the system and watch the display. The display should run through a self test. When it is complete the display will tell you to connect the red wire to ground. (There is a location in the box specifically labeled for the red "Init" wire) The display is now numbered 1, the "Master" device on the bus

After the display is initialized, go to the wired remote located in the companionway, and hold the down arrow button on the left side while you turn the power to the instruments

off and on. Release the button. This resets the remote address to 0. Wait several seconds and push any button on the remote while you watch the TL25. The display should say "Create Liste" as the remote takes an address on the Toplevel data bus.

You should now be able to use the Up/Down arrows on the left side of the remote to change the data displayed on the top line of the display. To change to the next line of the display, use the button on the lower right.

Scroll through the data to be sure that you have speed, depth, wind, and compass data. If any of the data is missing, follow the bus wire from the device to the bus connection box and check its connection to the bus.

From here, follow the manual for the TL25 to set the Language and Preferences, and to start the calibration procedures.