

Trek Transponder V4 Quick Start

READ THIS!

(Series 4 includes J100, E100, S100, SA100 and SM100)



If you are installing the Trek Transponder yourself you can do this procedure before installing the unit on your boat to gain familiarity with its wiring and commands.

1. Loosen the 4 captive screws on the front panel. The screws don't come completely out.
2. **Fit your SIM card.** Open the SIM holder by sliding its cover to UNLOCK, place SIM card in correct position, close cover and slide to LOCK. Make sure SIM Card has credit and you know its phone number. You send your SMS to that number.
3. Connect a 12V or 24V battery to the Battery 1 input. Get polarity right!!! Usually your battery on your boat will be 12V or 24V. Connect the Trek Transponder end of the battery wires to the Trek Transponder first, then battery last. (That avoids working with loose live wires near the Trek Transponder and possible short circuits etc).
4. The top **Power LED** should light in a second or so. If it doesn't, check your connections.
5. 10 seconds later the **Online LED** should start blinking while the Trek Transponder searches for your SIM card mobile network. Within one minute it should stop blinking and stay on indicating it is locked to your network. If it doesn't the Trek Transponder can't find the SIM Mobile Network Signal, or the SIM Card has a problem. Try another SIM.
6. Around 2–5 minutes later the **GPS OK LED** should light. If it doesn't the Trek Transponder can't pick up enough satellite signals. Move near a window or outside to test.
7. **Scan LED** - Once the mobile network acquisition process is finished this LED should blink once per second scanning the Trek Transponder inputs.

Try out the Trek Transponder - after LED's above are all good

1. SMS the word **status** to the Trek Transponder. 30 seconds later you should receive a status report showing your location, battery voltage and other information about the other inputs. (you can use **st**, its our abbreviation for **status**, its quicker to type). Latitude and longitude will be blank if GPS has no lock yet.
2. SMS the letters **loff** to the Trek Transponder. 30 seconds later the front panel LEDs should go off. (To save power). **Loff** is abbreviation for **LEDS off**. SMS the letters **lon** to the Trek Transponder. 30 seconds later the front panel LEDs should go on again. Each time you should receive a confirmation SMS message from the Trek Transponder.
3. SMS the word **arm** to the Trek Transponder. 30 seconds later you should get an SMS from the Trek Transponder "**Alarms are armed**". Any inputs with existing alarm conditions are locked out at this time.
4. Short circuit the Bilge Switch terminals on the main connection terminal strip with a piece of wire to simulate a bilge float switch closing. You will see the "**Bilge Flooded**" LED light. 30 seconds later you should receive an SMS alarm message "**Bilge Flooded**".

Now you know your Trek Transponders basics are working fine, you can install it on your boat and fully test with your real sensors and switches.