



Generac H Panel ModPro Controller Connection Guide



Essential Install Wires

MODPRO CONNECTION	CONNECTION LOCATION & NOTES
Battery Positive (+)	Engine Battery Positive (B+)
Battery Negative (-)	Engine Battery Positive (B-)
RS232 TXD – #2	Serial Cable Red Wire
RS232 RXD – #1	Serial Cable White Wire
RS232 GND – #3	Serial Cable Black Wire

⚠ PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLATION ⚠

PLANNING THE INSTALLATION:

The monitoring unit should be installed inside the generator enclosure on a non-vibrating portion of the unit. The cellular antenna should be mounted outside and on top of the generator enclosure. Plan for proper routing of the wiring and antenna coax cable prior to mounting the monitor.

INSTALLATION PROCESS AND SEQUENCE:

1. Locate the antenna on the outside of the generator enclosure and route the antenna coax to the planned monitor location. If cell coverage is strong enough, the antenna may be located inside of the generator enclosure. This can be confirmed during the testing process.
2. Mount the ModPro in a suitable non-vibrating weather protected location, typically inside of the generator controller or on the side or top of the controller. The monitor can be mounted using the self-tapping screws.
3. Connect the Serial Cable to the RS232 DB9 port on the front of the H Panel Controller.
4. Connect the Serial Cable leads to the ModPro RS232 terminals as shown above.
5. Connect the Antenna to the Cellular Connector on the ModPro.
6. Connect the Power (+) and (-) terminals to the appropriate battery terminals. Once the power leads are connected, the monitor will boot up.
7. Call Power Telematics (678-992-5501, Option 3) for testing.



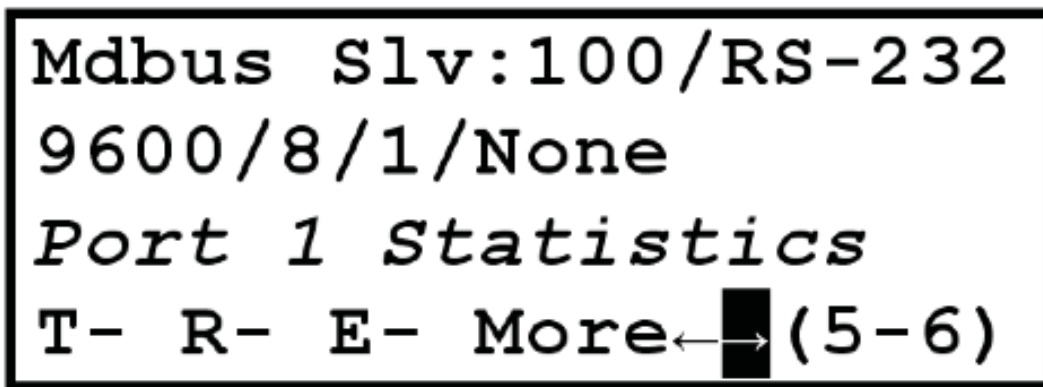
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DEFAULT COMM SETTINGS:

- Slave Address: 100
- Baud Rate: 9600
- One Stop Bit
- Parity: None

How to check Comm settings

From the home screen, navigate to the Diagnostic screen. Push enter and navigate to the 5th screen. The ModBus settings will be displayed here. Example below.

A screenshot of a Modbus settings screen. The text is displayed in a monospaced font. The first line is "Mdbus Slv:100/RS-232". The second line is "9600/8/1/None". The third line is "Port 1 Statistics". The fourth line is "T- R- E- More←→(5-6)". A black rectangular cursor is positioned over the "More" text, with left and right arrows pointing from its center.

Mdbus Slv:100/RS-232
9600/8/1/None
Port 1 Statistics
T- R- E- More←→(5-6)