



Kohler DEC550 ModPro Controller Connection Guide



Essential Install Wires

MODPRO CONNECTION	CONNECTION LOCATION & NOTES
Battery Positive (+)	Engine Battery Positive (B+)
Battery Negative (-)	Engine Battery Negative (B-)
RS485 A - #5	P20 Connector #1
RS485 B - #4	P20 Connector #2
RS485 Com/Shield - #3	Connect at ModPro

⚠ PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLATION ⚠

DEFAULT COMM SETTINGS:

- Slave Address: 1
- Baud Rate: 19200
- One Stop Bit
- Parity: None

NOTE:

To utilize the Modbus Capabilities of the DEC550, connect the wires to the P20 connector. If a Kohler Annunciator is already connected to this block, you will need to choose between the ModPro and the annunciator. The DEC550 will not support both devices simultaneously, possibly requiring a hardwire connection to the Relay Driver Output board.

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 Belden Cable to the RS485 terminals on the controller and the ModPro as shown above.
4. Connect the Antenna to the Cellular Connector on the ModPro.
5. Connect the Power (+) and (-) terminals to the appropriate battery terminals. Once the power leads are connected, the monitor will boot up.
6. Call Power Telematics (678-992-5501, Option 3) for testing.

Generator Common Fault Testing

Press the E-Stop (Generator must be in the Auto position when testing the fault with the E-Stop).