Installation Instructions

GENERAL

All Carrier transceivers must be configured for either point to point or broadcast network topology. This requires an understanding of how the equipment is physically installed and how the software is installed. All transceivers must be configured with a PC prior to being physically attached to their designated device.

HARDWARE INSTALLATION

Prior to installing the transceiver(s), count and check all of the delivered equipment. A power supply and an antenna is required for each transceiver. An RS-485 converter is also shipped with each transceiver. The transceiver will be attached to a single device (e.g., PC, laptop), or an RS-485 CCN System. Prior to installation on the desired device, all transceivers must first be connected to and configured with a PC.

Transceiver Installation — To install the transceiver, perform the following procedure:

1. Insert the power supply male connector into the corresponding female connector slot on transceiver chassis.

2. Insert power supply plug into power (i.e., power outlet). Verify LEDs 1 and 2 on front panel blink three times. LED 1 should remain lit.

3. Attach the antenna to the transceiver.

NOTE: The antenna connection is a reverse thread SMA connection. It must be turned counterclockwise to attach.

4. Attach the male connector on the RS232 cable to the matching serial port on the rear panel of the transceiver.

5. Connect the other end of the RS232 cable to the matching serial port on the PC or laptop.

6. Configure the transceiver with the configuration manual as outlined in the 33CN Installation, Start-Up, and Service Instruction, catalog no. 533-378 for broadcast mode.

NOTE: In order to configure any transceiver, a 9-pin RS232 cable must be used. Pin 4 is used to transmit the configuration data into EEPROM and other pins are used during the configuration process as well. A 9-pin RS232 cable is included with all Stand-Alone (Wireless) Transceivers.

7. Determine if the transceiver will be connected directly to a computer or wired to a RS-485 CCN communications network.

8. Use the 9-pin serial cable supplied to connect the RS232 serial port directly to a computer via the computer's 9-pin serial port.

9. If the RS-485 converter is used, refer to the 33CN Installation, Start-Up, and Service Instruction, catalog no. 533-378 manual for wiring and connection details.