



Wiring Instructions:

These instructions are for Models:

- WTX-SYS-1AI-2DI-RLY-ENC (Transmitter Box)
- WRX-SYS-1AO-2DO-RLY-ENC (Receiver Box)

This system is used to wirelessly transmit 2 x Dry Contact / Switch Signals. An Analog 4-20mA Signal is also available on the radios if needed. The Wireless Transceivers come factory preset with 1W transmission power selected.

Transmitter Box:

1. Wire Active / Live to the fused terminal block on the left-hand side of the power supply.
2. Wire Neutral and Earth directly into the power supply.
3. It is recommended to use the interposing Relays provided to provide isolation to the dry contact terminals, but not mandatory.
4. Dry Contact Terminal Numbering – for Dry Contact / Switch connections only:
 - 1 – Relay Contact R1, Dry Contact Terminal
 - 2 – Relay Contact R1, Dry Contact Terminal
 - 3 – Relay Contact R2, Dry Contact Terminal
 - 4 – Relay Contact R2, Dry Contact Terminal
5. Connect the Antenna fittings together to externally Panel Mount the Antenna, and cables if required.

Receiver Box:

1. Wire Active / Live to the fused terminal block on the left-hand side of the power supply.
2. Wire Neutral and Earth directly into the power supply.
3. Wire the Contact Outputs directly from the Omron Relay Terminals for both R1 and R2 (Rated for 250Vac, 10A):
 - 2 (12) – N.C. (middle terminal)
 - 3 (14) – N.O. (top terminal)
 - 4 (11) – Common (bottom terminal)
4. Connect the Antenna fittings together to externally Panel Mount the Antenna, and cables if required.

Please contact us if you have any questions.
