



The Communicator

Wireless Transmitter/Receiver

Installation Instructions

WARNING!

TO REDUCE RISK OF SEVERE INJURY OR DEATH;
READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS

TO PREVENT ELECTROCUTION DISCONNECT POWER AT FUSE BOX OR CIRCUIT BREAKER AND DOOR OPENER BEFORE WIRING PERMANENTLY.

IMPROPER WIRING COULD CAUSE ELECTROCUTION OR DAMAGE TO CIRCUITRY.
FOLLOW ALL LOCAL BUILDING CODES AND NATIONAL ELECTRICAL CODES.

TRANSMITTER INSTALLATION:

RECEIVER INSTALLATION:

- 1- Hold the MWCR-01 Receiver up near the operator, mark and drill mounting holes.
- 2- Attach a 24VAC (at least 200mA) source to the red & black wires. A 12-28 VDC source may also be used. Polarity does not matter here.
- 3- Connect channel 1 to the white wires, channel 2 (if present) to the yellow wires, channel 3 to orange wires. The output relays will bear a load of 1A at 24VAC and 0.5A at 110VAC. Each channel has an associated YELLOW LED. The LED is illuminated when the channel is in a SAFE operating condition and will go out under fault condition.
- 4- There is a GREEN LED located near the dip switches which indicates SIGNAL ACQUIRED. It should turn on within a few seconds of the transmitter contacting the receiver.
- 5- There is also a RED LED located in the same place, which signals MAINTENANCE REQUIRED. It will illuminate when there is a condition such as low battery or tampering.

RECEIVER INSTALLATION Cont.

6- Adjust Dip Switches: 1=Mode Selector 2= Mode Selector 3= NOT USED
4= Address Selector 5= Address Selector

(SEE FIGURE 1 FOR SWITCH CONFIGURATIONS.)

Modes are as follows:

Switch 1 down, Switch 2 down: Mode Selected for Signal from one (1) Transmitter
Switch 1 up, Switch 2 down: Mode Selected for Signal from two (2) Transmitters
Switch 1 up, Switch 2 up: Mode Selected for Signal from two (3) Transmitters

7- Mount the Receiver near the operator using the 2 screws supplied.

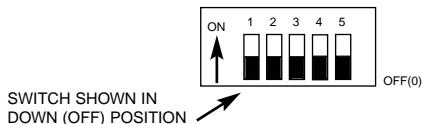
8- Attach Coax Rigid Wire antenna.

9- Test door/gate operation to see that the system is functioning properly.

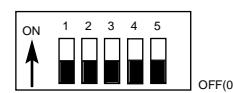
FIGURE 1

1 RECEIVER W/ 1 TRANSMITTER

RECEIVER SWITCH SETTING



TRANSMITTER SWITCH SETTING

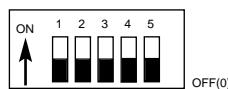


1 RECEIVER W/ 2 TRANSMITTERS

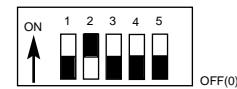
RECEIVER SWITCH SETTING



TRANSMITTER #1
SWITCH SETTINGS



TRANSMITTER #2
SWITCH SETTINGS



1 RECEIVER W/ 3 TRANSMITTERS

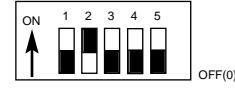
RECEIVER SWITCH SETTING



TRANSMITTER #1
SWITCH SETTINGS



TRANSMITTER #2
SWITCH SETTINGS



TRANSMITTER #3
SWITCH SETTINGS



LED DIAGNOSTICS (Inside Receiver Enclosure)



POWER
(Green)



CHANNEL 1
RELAY



CHANNEL 2
RELAY



CHANNEL 3
RELAY

NOTE: RELAY LIGHTS ARE YELLOW