1 CHANNEL RADIO RECEIVER MODEL 4221
INSTALLATION MANUAL



NOTE: The model 4221 Receiver operates in conjunction with model 4216 4 Channel Fob Transmitter and 4244 2-CH and 4416 16 CH Fork Lift Truck, Rolling Code transmitters.

ACCESS TO TERMINALS

Remove the main saddle cover by prizing it off using a thumb nail at the front edge at the side of the terminals.

AERIAL

Note that the aerial is coiled at the side of the case. It should not be uncoiled.

WIRING

5-Way connector
A 12-24V A/C or DC supply should be connected to the two left hand end terminals of the 5-way connector. The supply terminals are not polarity conscious.

Note: The wide GREEN LED LD1 will illuminate when power is applied.

The terminals are labelled as follows:

12-24VAC/DC 12-24VAC/DC NC COM NO

The terminal marked NC means NORMALLY CLOSED and relates to the common (COM) terminal.
The terminal marked NO means NORMALLY OPEN and relates to the common (COM) terminal.
The relay's contacts are volt-free and are isolated from other relay contacts.

MOUNTING

If the receiver is mounted in a plastic control box, ensure that it is not sited next to devices likely to emit electrical noise, such as contactors, electronic timers, inverters or other similar devices. The receiver should not be mounted in a steel control box as the radio signal reception will be very poor or non-existent.

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TRANSMITTER CODE PROGRAMMING

Up to 300 transmitter codes can be programmed into the receiver's memory.
Locate the LEARN button which is recessed on the right-hand side of the case.

1. Press and release the LEARN button
2. The LED will illuminate RED .
3. Press and release the transmitter button to be programmed, TWICE.
4. The LED will flicker RED and then remain on for a few seconds.
5. Press and release the same transmitter button a second time.
6. The LED will flicker for a few seconds to indicate that the programming is successful.
7. The LED will illuminate RED each time the programmed transmitter button is pressed.

ADDITIONAL TRANSMITTER PROGRAMMING

Repeat the process above.

TRANSMITTER CODE ERASURE

1. Press and HOLD the LEARN button for at least 8 seconds.
2. The LED will illuminate RED for 8 second then turn GREEN.
3. Release the LEARN button and the LED will remain on GREEN.

SPECIFICATION

Working voltage: 12-24V A/C or DC.

Operating temperature range: -20 to +60 degrees Celsius.

Operating frequency: 433.92 MHz's

Transmitter code type: Rolling code.

Relay load capacity: 240V 3A A/C, 0.5HP. 30V 3A DC.

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