2 CHANNEL RADIO RECEIVER MODEL 4222
INSTALLATION MANUAL



NOTE: The model 4222 Receiver operates in conjunction with model 4216 4 Channel Fob Transmitter and 4244, 4 Channel and 4416 16 Channel Fork Lift Truck, Rolling Code transmitters.

ACCESS TO TERMINALS

There is no access to the terminals, as the Receiver is supplied with connection wires.

AERIAL

Note that the black aerial wire is a free wire at the side of the case. It should not be cut, but may be bundled in a convenient position in the door control unit housing.

WIRING

A 12-24V A/C or DC supply should be connected to the RED and BLACK wires.
The supply terminals are not polarity conscious.

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

The 2 GREEN wires provide Normally Open connections for Channel 1.

The 2 BLUE wires provide Normally Open connections for Channel 2.

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.

Page 2 is on the reverse side of this instruction.

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TRANSMITTER CODE PROGRAMMING

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

Note:
Programming button 1 of any Amber transmitters will automatically program Channel 1 and Channel 2 of the Receiver.

Programming button 3 of any Amber transmitters will automatically program Channel 1 and Channel 2 of the Receiver.

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.

PROGRAMMING BUTTON "A" AND BUTTON "B" OF WIRELESS KEYPAD 4225

Follow the procedure listed above for button "A" then separately for button "B".
The Receiver will respond to each separate button; Channe1 for button "A" and Chanel 2 for button "B".

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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