**DESCRIPTION**
The Delta-3 DR4V & DR4-12 digital receivers are four-channel wireless radio controls designed for use with automatic garage/gate operators and access control systems. The receivers can be activated by any of the Delta-3 format transmitters. Receivers must be mounted at least 6 feet apart. The Delta-3 radio format provides 256 different digital codes. The codes are set using the 8-position coding switches in the units.

- **CAUTION:** All transmitters and receivers should be recoded by the installer prior to operation.

In order to avoid the possibility of duplicating codes in adjacent systems, factory-set codes should not be used. In addition, among the valid codes available, four others should not be used. These include: all keys set ON or OFF and keys set alternating ON/OFF. Activate each transmitter to test the equipment.

**WARNING!** BE SURE DOOR OR GATE AREAS ARE CLEAR OF OBSTRUCTIONS

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**STEP 1 Locate coding switch.** Locate the digital coding switch which is recessed in the center of the back of the receiver case. Note that the coding switch has eight keys. The keys are numbered 1 through 8. Key No. 1 and Key No. 2 are not used for coding the receiver; their functions are permanently wired on the circuit board.

**STEP 2 Code the receiver.** Pick any combination of ON/OFF codes and set them on switch keys 3 through 8. Ignore Keys 1 and 2. The ON position is when the top of the switch is down and the bottom is up. The code set on Keys 3 through 8 on the receiver must now be matched by all transmitters used in the system.

**STEP 3 Code the transmitters.** Remove the battery access door located on the back of the transmitter case to set transmitter codes. Transmitter keys 1 and 2 determine which channel the transmitter will activate. Keys 3 through 8 must match keys 3 through 8 on the receiver. Refer to transmitter code set instructions to code multi-button transmitters.

**STEP 4A Connecting receiver (using transformer power).** A Model T12A (used with DR4-12) or 524 (used with DR4-V) transformer can be used to power the receiver when connecting receiver to any operator. Connect as shown, then plug the transformer into a convenient (unswitched) 120 VAC outlet.

**STEP 4B Connecting receiver (using operator power).** Connect the receiver to the garage door or gate operator as shown in the diagram. Power will be supplied from the operator.

**STEP 5 Connecting receiver to 3-button commercial operator.** Connect normally open outputs to up and down inputs. Connect normally closed output in series with the stop output. Connect receiver power input to operator radio power or transformer.

**DR-4 CODING SWITCH**

**KEYS 1 & 2 ARE UNUSED**

**SET KEYS 3-8 TO ANY CODE**

**STEP 4 Connecting receiver to 3-button commercial operator.** Connect normally open outputs to up and down inputs. Connect normally closed output in series with the stop output. Connect receiver power input to operator radio power or transformer.

**WALL STATION**

**OPERATOR**

1 2 3 4 5 6

**DR-4 RECEIVER**

1 2 3 4 5 6

**RECEIVER OUTPUTS TO ADDITIONAL OPERATORS**

**CONNECT OTHER OPERATOR OUTPUTS TO ADDITIONAL OPERATORS**

**CONNECT OTHER RECEIVER OUTPUTS TO ADDITIONAL OPERATORS**

**LINER LIMITED WARRANTY**

This product is warranted to the consumer against defects in material and workmanship for one year from the date of purchase. This warranty applies to products purchased in the U.S., Canada, and Mexico. Warranty will expire on its date of purchase. For warranty service and shipping instructions contact warrantor at the address shown below. Devices must be sent to warrantor for service at owner's expense. The remedies provided by this warranty are exclusive. Implied warranties under state law are to the one year period of this warranty.

**IMPORRTANT!!!**

Linear radio controls provide a reliable communications link and fill an important need in portable wireless signaling. However, there are some limitations which must be observed.

- For U.S. installations only. The radios are required to comply with FCC Rules and Regulations as Part 15 Unintentional Radiators. Do not exceed these limitations.
- A receiver cannot receive two co-channel transmitted signals at the same time, and may block a radio signal on or near that operating frequency, regardless of code settings.
- Changes or modifications to the device may void FCC compliance.
- In whatFollow-up tests should be conducted to determine the nature of the interference. The after It is necessary to identify the source of a possible interference. If the interference occurs after a period of time, operation it is advisable to consult a representative to determine the nature of the interference (in the following two conditions): 1) the device may cause harmful interference, or 2) it must accept any interference received, including interference that may cause undesired operation.

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