

LINEAR LIMITED WARRANTY

This Linear product is warranted against defects in material and workmanship for twelve (12) months. The Warranty Expiration Date is labeled on the product. **This warranty extends only to wholesale customers** who buy direct from Linear or through Linear's normal distribution channels. **Linear does not warrant this product to consumers.** Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any. **There are no obligations or liabilities on the part of Linear Corporation for consequential damages arising out of or in connection with use or performance of this product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation.** All implied warranties, including implied warranties for merchantability and implied warranties for fitness, are valid only until Warranty Expiration Date as labeled on the product. **This Linear Corporation Warranty is in lieu of all other warranties express or implied.**

For warranty service on Linear equipment return product, at sender's expense to:

U.S.A.

Linear Corporation
2350 Camino Vida Roble, Ste. A
Carlsbad, CA 92009
Attn: Repairs Department

IMPORTANT!!!

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 devices. As such, they have limited transmitter power and therefore limited range.
- * A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.
- * Changes or modifications to the device may void FCC compliance.
- * Infrequently used radio links should be tested regularly to protect against undetected Interference or fault.
- * A general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.

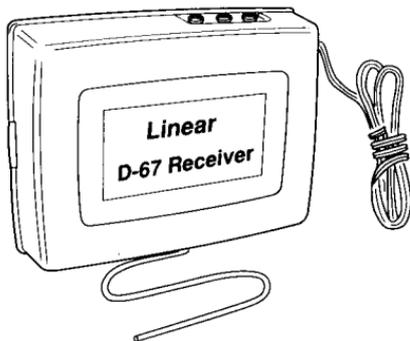
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D-67 Series

Single-Channel Digital Security Receivers



Code Setting and Installation Instructions

Linear
A NORTEK COMPANY

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DESCRIPTION

The D-67 series 12-volt digital UHF receivers are single-channel units typically used in wireless security systems and remote control applications. Usually, the receiver is connected to the inputs of a hardwire alarm control panel, giving the control panel wireless capability.

Each receiver's dry contact relay provides a Form C (normally open or normally closed) output (see Figure 1). When activated by one of Linear's standard digital transmitters, the output contacts switch, triggering the control panel. Several transmitters may be used to activate one receiver.

The receivers have 3-position terminal strips for easy installation to virtually all control panels (see Figures 2 & 3).

Linear manufactures seven D-67 series single-channel digital receiver models that offer a selection of outputs and frequencies.

Standard Output

The D-67, D-67/315, and the D-67/K have a momentary relay output that remains energized for four seconds after triggering.

Latching Output

The D-67L, and D-67L/K have a latching relay output with an external reset button. Once activated, the relay latches until manually reset by pushing the button on the side of the case.

Flip-Flop Output

The D-67F and D-67F/K feature flip-flop outputs. Upon activation, the receiver latches the relay output. Upon receipt of the next signal, it unlatches.

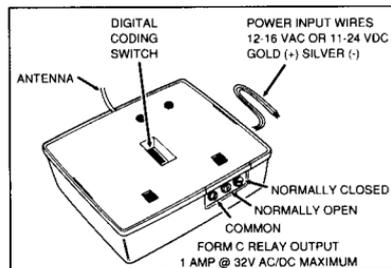


Figure 1 Receiver Terminals and Connections

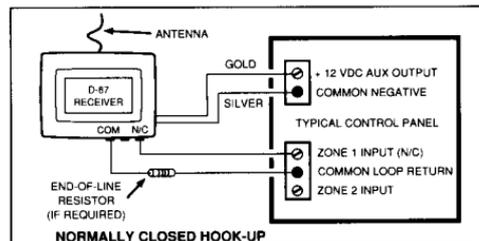


Figure 2. Normally Closed Control Panel Connections

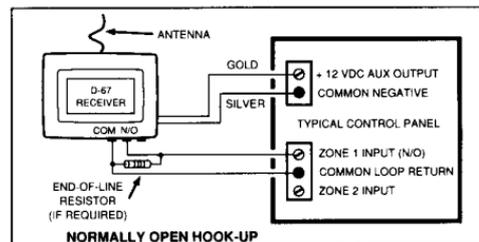


Figure 3. Normally Open Control Panel Connections

RECEIVER CODE SETTING

Locate the digital coding switch recessed in the back of the receiver case (see Figure 4).

* **CAUTION! Transmitters and receivers must be re-coded by the installer prior to operation. DO NOT USE THE FACTORY SET CODE!**

Among the 256 available codes, four codes are considered invalid, and should not be used. They are: all switch keys set to ON; all switch keys set to OFF; switch keys set alternating ON/OFF or OFF/ON combinations.

To set a code, select any valid combination of ON and OFF positions for the switch keys numbered 1 through 8.

Use a pointed object (other than a pencil or pen) to set the keys. The ON position is when the top of the switch is down, facing the numbers. The OFF position is when the top of the switch is up and the bottom is down, away from the numbers. The code set in the receiver must now be matched in all transmitters used with the system.

For example, the switch shown in Figure 5 is set with the 4, 6, and 7 keys ON, and keys 1, 2, 3, 5 and 8 OFF.

RECEIVER INSTALLATION

The receiver should be mounted on the wall above or next to the control panel. Use the mounting bracket supplied and stretch the white wire antenna out straight. Generally, the higher the receiver is mounted above ground level, the better the radio range should be.

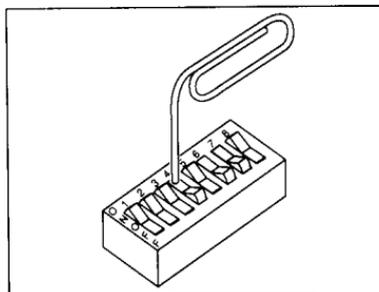


Figure 4. Example Coding Switch

* **CAUTION! Do not mount two or more receivers closer than 5 feet from each other. Interference may result.**

Follow these steps to install the receiver:

STEP 1 Connect power negative (-) (SILVER) to the negative terminal on the 12-volt, 24-hour output from the control panel.

STEP 2 Connect power positive (+) (GOLD) to the positive terminal on the 12-volt, 24-hour output from the control panel.

STEP 3 Connect the output terminals (NO or NC and COM) to the zone input terminals on the control panel.

STEP 4 If the control panel uses an end-of-line resistor, connect it across the NO and COM receiver terminals for normally open loops, or in series with the NC and COM receiver terminals for normally closed loops.

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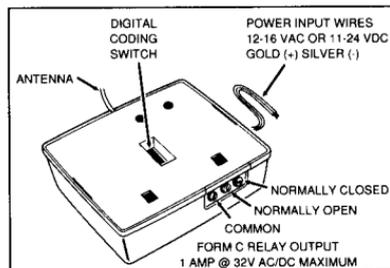


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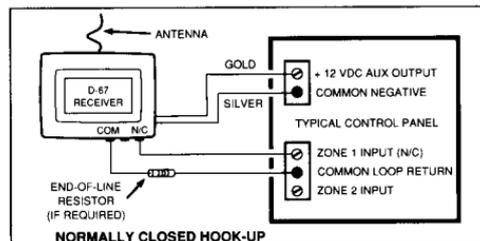


Figure 2. Normally Closed Control Panel Connections

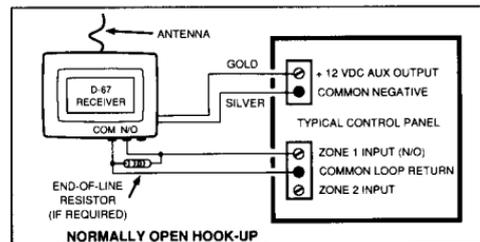


Figure 3. Normally Open Control Panel Connections