D-22C

DIGITAL TRANSMITTER

Code Setting Instructions

The D-22C transmitter contains two 8-position dipswitches, one for each pushbutton. The transmitter can be used with two single-channel receivers or one multi-channel receiver.

**CAUTION:** All Standard Digital transmitters and receivers should not be used in wireless or hybrid wireless/hardwire security systems. Factory set codes should not be used. In addition, among the valid codes available, four others should not be used. These include: all switches set ON or OFF and switches set in an alternating ON/OFF or OFF/ON pattern.

The D-22C will transmit as long as a pushbutton is pressed. The red LED will glow as the unit transmits and receiver output may or may not stay activated for as long as the transmitter is sending a signal.

**CAUTION:** If using two receivers, be sure they are located at least 10 feet apart.

**STEP 1** Locate coding switches. The code switch for the left button can be accessed by removing the battery access door located on the back of the transmitter case. To access the code switch for the right button, the unit’s rear cover must be removed. Identify the coding switches and note that they have eight positions, with ON and OFF clearly marked.

**STEP 2A** Coding for single-channel receivers. Pick two valid OFF/ON codes and set them on switches 1-8 on each coding switch in the transmitter. Set each receiver’s coding switch 1-8 to match the code set for the proper button in the transmitter.

**STEP 2B** Coding for two-channel receivers. Set both the transmitter switches 1-8 to OFF. Set one transmitter switch 1 to OFF and the other switch 1 to ON. 2-Channel receiver switches 1 & 2 are unused and can be set in any position.

**STEP 3** Test the equipment. Connect the receiver to its power source. With relay output receivers, listen for the relay click when the transmitter is activated. A multi-meter can be used to detect activation of relay and solid state output receivers. Operate the transmitter from various locations to determine the radio range.

**BATTERY REPLACEMENT**

The battery should last 12 to 18 months with normal use. When the red LED lights dimly, or not at all when transmitting, the battery needs to be replaced. Remove the battery access door to change the battery. Any type of 9-volt battery can be used. Replace the battery door and foam battery pad when finished.

**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 reinstaliation. 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.

**IMPORTANT !!!**

Linear radio controls provide a reliable communications link and fill an important need in portable wireless signalling. 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 action as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.

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