**DXR-701**

**SINGLE-CHANNEL DIGITAL RECEIVER**

*Installation Instructions*

**Linear**

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**PRODUCT DESCRIPTION**

The DXR-701 is a digital receiver with a system-audio答题 divided for use with Linear’s DX Format transmitters. This receiver can be used in a variety of remote control applications. When the receiver detects a signal from a transmitter programmed into its memory, the relay output activates. The relay has four optional output configurations.

In a typical installation, the receiver is connected to an assigned control panel, door lock, camera, high current relay, or some other device. A transmitter is used to activate or control the device. The receiver must be mounted with the supplied mounting bracket indoors or inside a weather resistant metal housing.

The digital DX code format features over a million possible codes. The DX transmitters are encoded at the factory to unique codes, so no field coding is required. Receivers must be programmed to the transmitter’s code before system testing and operation. Up to 32 transmitters can be programmed into the receiver’s memory. The memory is retained, even without power. The relay normally opens and normally closed contacts can switch up to 1 amp at 24 volts AC/DC.

Cutting jumpers select how the relay activates. The factory setting causes the relay to engage for two seconds each activation. Optionally, the relay can be set to engage for one second, toggle on with one activation then off with the next, or latch engaged until reset by pressing the program button.

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**DXR-701 FEATURES**

- **ANTENNA**
- **POWER TERMINALS**
- **RELAY TERMINALS**
- **PROGRAM INDICATOR**
- **PROGRAM BUTTON**
- **TERMINAL CONNECTIONS**
- **PROGRAMMING MEMORY**
- **MOUNTING RECEIVER**
- **RELAY OPTION JUMPERS**
- **CHECKING MEMORY**
- **SYSTEM TESTING**
- **ERASING MEMORY**
- **LINEAR LIMITED WARRANTY**

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**FUNCTION**

- **NORMAL OPERATION**
- **PROGRAMMING MEMORY**
- **CHECKING MEMORY**
- **ERASING MEMORY**
- **PROGRAM BUTTON**
- **PROGRAM INDICATOR**

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**NOTE**

- If relay option jumper is going to be changed, remove power supply from system. Apply power, erase memory, then reprogram all transmitters.

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**RELAY OPTION JUMPERS**

- **JUMPER W1**
- **JUMPER W2**

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**TERMINAL CONNECTIONS**

- **N.O. COM N.C.**
- **11-17 VDC**
- **12-16 VAC**

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**PROGRAMMING MEMORY**

1. Press and release program button.
2. Program indicator will light if there is room in memory for another transmitter. (32 Transmitters Max.)
3. Send signal from transmitter, indicator will flicker as signal is received.
4. Repeat the above three steps for each additional transmitter.

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**MOUNTING RECEIVER**

1. Press and hold button for about two seconds until indicator lights then release.
2. Count the number of indicator blinks that is the total number of transmitters programmed.

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**CHECKING MEMORY**

1. Press program button and hold for about two seconds until indicator blinks.
2. Count the number of indicator blinks that is the total number of transmitters programmed.

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**SYSTEM TESTING**

1. Activate each transmitter, one at a time.
2. Listen for relay click in receiver.
3. Verify that the device connected to the receiver responds.
4. Test portable transmitters in various locations to determine system performance.

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**ERASING MEMORY**

1. Press and hold button for five seconds after the transmitter count.
2. Push and hold button for five seconds after the transmitter count.

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**LINEAR LIMITED WARRANTY**

The product is warranted against defects in material and workmanship for twelve (12) months. The Warranty Expiration Date is listed on the product. The warranty extends only to the original retail customer who has purchased the product from a Linear Corporation approved dealers. Linear’s warranty is not transferable.

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**LEGAL DISCLAIMER**

Linear systems do provide reliable communication and may be installed in hazardous or potentially hazardous environments. However, there are certain limitations which must be observed:

- For use indoors only. The product is designed for use indoors. The product is not designed for use in hazardous or potentially hazardous environments. The product is designed for use indoors. The product is not designed for use in hazardous or potentially hazardous environments.

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