

# DX Format Supervised Wireless 05

## DXR-701 1-Channel Receiver

- ORDER # SNR00148

## DXR-702 2-Channel Receiver

- ORDER # SNR00149



The DXR-701 and DXR-702 are digital receivers with isolated relay outputs designed for use with Linear's DX format transmitters. These receivers 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 alarm control panel, door strike, camera, high-current relay, or some other device. Transmitters are used to activate or control the device. The receivers should be mounted with the supplied mounting bracket indoors, or outdoors inside a weather-resistant, non-metallic housing. The relay activation mode is field selectable. The factory setting causes the relay to engage for four seconds with 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.

The DXR-702 Channel 2 is a special channel. If Channel 2 memory is empty, with no transmitters programmed into it,

when low-battery transmission is received the Channel 2 relay will latch, regardless of how the option jumpers are set. The relay will remain engaged, indicating a low transmitter battery. The output can be reset by pressing the Channel 2 program button.

### Features:

- 32-Transmitter capacity
- RF activity indicator
- Quick-learn programming
- Operates on 11-17 VDC or 12-16 VAC power
- One and two channels
- DX format
- Transmitter low-battery reporting (DXR-702 only)
- Form "C" relay output/channel
- One amp contact rating @ 24 volts AC/DC
- Selectable relay activation mode
- Current consumption: 25 mA standby, 90 mA operating @ 12 VDC
- RF frequency: 315 MHz
- 5.5" W x 4" H x 1.25" D

## DX-COKIT Supervised Carbon Monoxide Detector Transmitter & Receiver Kit

- ORDER # SSA00020



The DX-COKIT Supervised Carbon Monoxide Detector Transmitter and Receiver Kit contains a single-station DXS-80 carbon monoxide alarm with a built-in supervised transmitter and DXR-702 2-channel Receiver. The kit is designed to provide wireless CO detection capability for ANY hardwired alarm control panel. The DXS-80 provides

a warning to protect against the acute and chronic effects of carbon monoxide (CO) poisoning. The receiver provides Form "C" (normally open and normally closed) relay outputs for connection to an alarm control panel.

When carbon monoxide is detected, the DXS-80 sounds a loud local alarm. The built-in transmitter sends a digitally coded wireless signal to the DXR-702 Receiver every 20 seconds until the air has cleared and the detector is restored. The CO alarm will activate the receiver Channel 1 relay. No field coding is required because the DXS-80 is already factory-programmed into the DXR-702 Receiver. The DXR-702 Receiver can be powered from an 11-17 VDC or 12-16 VAC power source. A 9-inch wire whip antenna screws into the receiver's antenna connector. Optionally, a remote antenna (Model EXA-1000) can be connected to the receiver for greater radio range.

The DXS-80 is powered by one 3-volt lithium battery. The battery is supplied, and it can power the unit for up to the 6-year life of the detector. If the battery voltage drops below a preset level, the alarm will sound a low-battery chirp every 45 seconds, and a low-battery signal will be sent to the receiver, activating the receiver's Channel 2 relay. At about six years, the carbon monoxide detector

element will reach the end of its serviceable life. The self-supervising detector will signal a permanent trouble condition, indicating time for replacement.

### DXS-80 Detector Features:

- Electrochemical-type detector
- Alarm and low-battery transmissions reported by receiver
- One 3-volt lithium battery supplied
- Two status indicators
- Built-in 85 dBA sounder
- DXS format
- RF frequency: 315 MHz
- 5.375" W x 5.375" H x 2" D

### DXR-702 Receiver Features:

- 32-Transmitter capacity
- RF activity indicator
- Quick-learn programming
- Operates on 11-17 VDC or 12-16 VAC power
- Two channels
- Transmitter low-battery reporting
- DX format
- Two Form "C" relay outputs
- One amp contact rating @ 24 volts AC/DC
- Selectable relay activation time
- Current consumption: 25 mA standby, 90 mA operating @ 12 VDC
- RF frequency: 315 MHz
- 5.5" W x 4" H x 1.25" D

### NOTE:

**The DX-COKIT is not for use in UL Listed applications**