### SXR-64A The Model SXR-64A is a 64-channel, 12-zone, supervised wireless receiver/ panel adding wireless capability to the panel. Supervised Wireless Receiver and Zone Expander troubleshooting. configuration and can switch up to 100 mA @ 24 VDC. 21<sup>sy</sup>√SENTRY An easy programming interface using four pushbuttons lets the installer quickly setup receiver case and are used for transmitter and system programming. An on-board, high-gain, superheterodyne radio receiver gives the SXR-64A excellent SXR-64A standard type "F" connector. The SXR-64A decodes Linear's SX, S1, and MegaCode™ format transmitters. The Installation Instructions system linear ) 438-7000 • FAX (760) 438-7043 nada (800) 421-1587 & (800) 392-0123 Toll Free FAX (800) 468-1340 connects to an armed output from the control panel. SYSTEM OVERVIEW **CONDITION DISPLAYS** TYPICAL TRANSMITTERS CONDITIONS FOR ALL TRANSMITTERS **ROTATE ON THE DISPLAY** TX-91 TX-92 TMD-90 TSD-90A TX-94 = OPEN PORTAL ALL TRANSMITTERS WILL CAUSE THIS CONDITION WHEN AN ALARM SIGNAL IS SENT. THE CONDITION WILL REMAIN UNTIL A RESTORE SIGNAL IS SENT, UNLESS 0 THE TRANSMITTER IS SET AS "AUTO RESTORE". THE CHANNEL'S ZONE OUTPUT WILL BE FAULTED WHEN THIS CONDITION IS DISPLAYED. = FIRST ALARM IN WHEN THE PANEL IS ARMED, THE FIRST ALARM SIGNAL SENT WILL CAUSE THIS CONDITION, IF THE CHANNEL IS SET AS "DELAYED", THIS CONDITION WILL OCCUR AFTER ANY DELAYS IF THE PANEL IS SET AS DELAYED, THIS CONDITION WILL OCCUR NEXT TIME THE PANEL IS NOT DISARMED. DISPLAY WILL CLEAR THE NEXT TIME THE PANEL IS RE-ARMED. LMT-1/303 MPX/303 ST-23A

# annunciator designed for use in residential or commercial security systems. Housed in a rugged metal enclosure, the SXR-64A connects to a hardwired alarm control The SXR-64A receives signals from a variety of security transmitters then processes,

displays and transfers the signal to the hardwired alarm control panel. Six unique conditions for each transmitter channel can be shown on the unit's display. Conditions such as "Open Portal", "Transmitter Low Battery", "Transmitter Tamper" and "First Alarm In" show the status of each transmitter in the system. Valuable features such as Alarm Memory and Transmitter Status allow for quick system diagnosis and

The receiver's eight alarm zones and four supervisory zones provide a flexible interface to the alarm control panel. Any or all of the zones can be used. All of the solid state zone outputs can be either normally open or normally closed electrical

the system. The UP, DOWN, ADVANCE and MEMORY buttons are located inside the

reception. The MODE indicator shows RF activity. The local whip antenna (supplied) or remote external antenna (Model EXA-1000) connects to the receiver through a

SXR-64A can be used as a direct replacement for Linear's SS-32, SSR-32, & SXR-64 receivers with an installation bonus of being able to use up to 64 transmitters in the

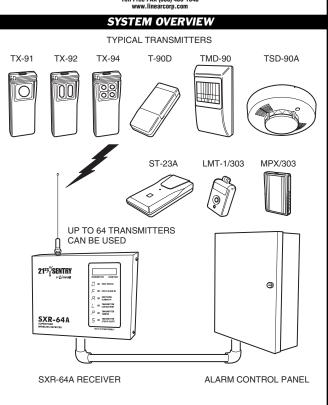
Power for the SXR-64A is provided from the alarm control panel. To control the alarm memory, reset tamper and status alert conditions, an armed input on the receiver

## **FEATURES**

- \* 64 Programmable Transmitter Channels
- \* 8 Alarm Zones
- \* 4 Supervisory Zones
- **★** Rugged Metal Enclosure
- \* Six Condition Displays for Each Transmitter
- \* Alarm Memory with First-Alarm-In
- \* Automatic Supervised Operation
- **★** Transmitter Contact State Monitoring
- **★** Transmitter Tamper Monitoring
- ★ Transmitter Low Battery Monitoring \* Transmitter Status Report Monitoring
- \* Easy Installer Programming Interface
- ★ High-gain Superheterodyne Receiver \* Receiver Automatic Gain Control
- \* Antenna Connector
- \* Decodes 303.875 MHz SX, S1, & MegaCode™ Format Transmitters

**COMPONENT LOCATIONS** 

- \* Optional Display Blanking while Armed
- \* RF Activity Indicator
- **★** Positive or Negative Armed Input



#### = ADDITIONAL ALARMS IN

WHEN THE PANEL IS ARMED, ADDITIONAL ALARM SIGNALS SENT WILL CAUSE THIS CONDITION. IF THE CHANNEL IS SET AS "DELAYED", THIS CONDITION WILL OCCUR AFTER ANY DELAYS IF THE PANEL IS NOT DISARMED. DISPLAY WILL CLEAR THE NEXT TIME THE PANEL IS RE-ARMED.

#### = TRANSMITTER LOW BATTERY

ANY TRANSMITTER THAT CAN SEND A LOW BATTERY SIGNAL WILL CAUSE THIS FROM THE SAME TRANSMITTER WITH A GOOD BATTERY IS SENT.

### = TRANSMITTER TAMPER

(DIII)

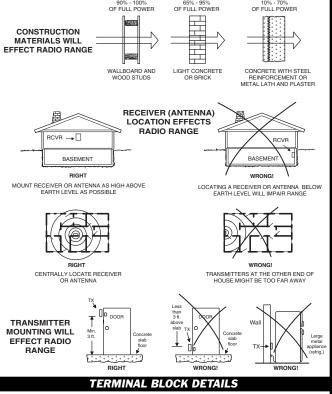
ANY TRANSMITTER THAT CAN SEND A TAMPER SIGNAL WILL CAUSE THIS CONDITION WHEN IT IS TAMPERED. DISPLAY WILL CLEAR THE NEXT TIME THE PANEL IS ARMED.

## = TRANSMITTER STATUS ALERT

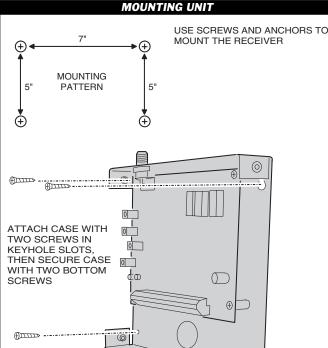
IF THE RECEIVER DOES NOT RECEIVE STATUS SIGNALS FROM A TRANSMITTER THAT IS SET AS SUPERVISED, THIS CONDITION WILL BE DISPLAYED. THE RECEIVER CAN BE SET FOR TWO OR EIGHT HOURS OF MISSING STATUS TRANSMISSIONS BEFORE THE CONDITION OCCURS. DISPLAY WILL CLEAR THE NEXT TIME THE PANEL IS ARMED

## TYPE "F" ANTENNA CONNECTOR FOR CONNECTION TO LOCAL OR REMOTE ANTENNA THROUGH RG-59 COAX CONDITION DISPLAY SHOWS THE TRANSMITTER'S CONDITION AND IS USED DURING MODE LIGHT LIGHTS WHEN UNIT IS IN PROGRAM MODE, FLASHES WHEN RF IS RECEIVED IN RUN MODE MEMORY LIGHT MEMORY LIGHT LIGHTS DURING PROGRAM MODE TO SHOW WHEN A TRANSMITTER HAS BEEN ENTERED OR AN OPTION HAS BEEN SELECTED, LIGHTS DURING RUN MODE WHEN SYSTEM IS ABMED. 80 LISTENING TO RADIO INPUT WITH BUTTSET MEMORY BUTTON USED DURING PROGRAMMING TO SELECT OPTIONS AND ENTER TRANSMITTERS ાત્રું તાલુકાનું માત્રું કર્યું ક UP & DOWN BUTTONS PRESS EITHER TO ENTER PROGRAM MODE, UP INCREASES AND DOWN OR ZONE AND ADVANCE BUTTON USED DURING PROGRAMMING TO CHANGE ZONE NUMBERS AND SELECT FUNCTIONS FOR WIRING CONDUIT CONNECTION

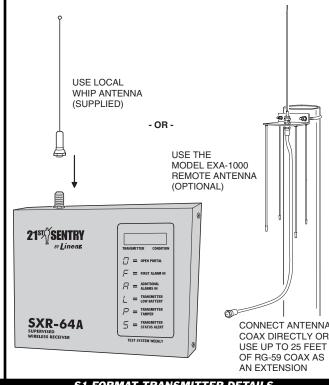
ANTENNA INSTALLATION

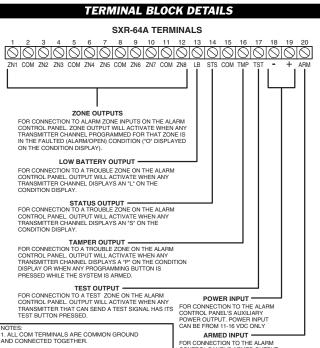


INSTALLATION TIPS



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2. ALL OUTPUTS CAN BE PROGRAMMED FOR NORMALLY

EACH OUTPUT CAN SWITCH UP TO 100 mA @ 24 VDC

DPEN OR NORMALLY CLOSED OPERATION. EACH OUTPUT RETURNS TO ANY COM TERMINAL.

FOR CONNECTION TO THE ALARM CONTROL PANEL'S ARMED OUTPUT. THE ARMED INPUT CAN BE SET FOR ARMED-POSITIVE OR ARMED-NEGATIVE POLARITY.

## **SXR-64A TERMINALS** ZN1 COM ZN2 ZN3 COM ZN4 ZN5 COM ZN6 ZN7 COM ZN8 LB STS COM TMP TST - 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 010101010 OUTPUTS PROGRAMMED FOR NORMALLY OPEN END-OF-LINE ALARM CONTROL PANEL ZONE 8 11 11 ZONE 7 H $\Pi$ ZONE 6 Ш 11 ZONE 5 ZONE 4 TÈ

ΤÈ

16

ZONE 3

ZONE 2

ZONE 1

TYPICAL CONTROL PANEL CONNECTION

