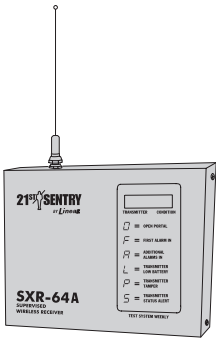


SXR-64A

Supervised Wireless Receiver and Zone Expander



Installation Instructions



(760) 438-7000 • FAX (760) 438-7043
USA & Canada (800) 421-1587 & (800) 392-0123
Toll Free FAX (800) 468-1340
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INTRODUCTION

The Model SXR-64A is a 64-channel, 12-zone, supervised wireless receiver/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 panel adding wireless capability to the panel.

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 troubleshooting.

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 configuration and can switch up to 100 mA @ 24 VDC.

An easy programming interface using four pushbuttons lets the installer quickly setup the system. The UP, DOWN, ADVANCE and MEMORY buttons are located inside the receiver case and are used for transmitter and system programming.

An on-board, high-gain, superheterodyne radio receiver gives the SXR-64A excellent 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 standard type "F" connector.

The SXR-64A decodes Linear's SX, S1, and MegaCode™ format transmitters. The 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 system.

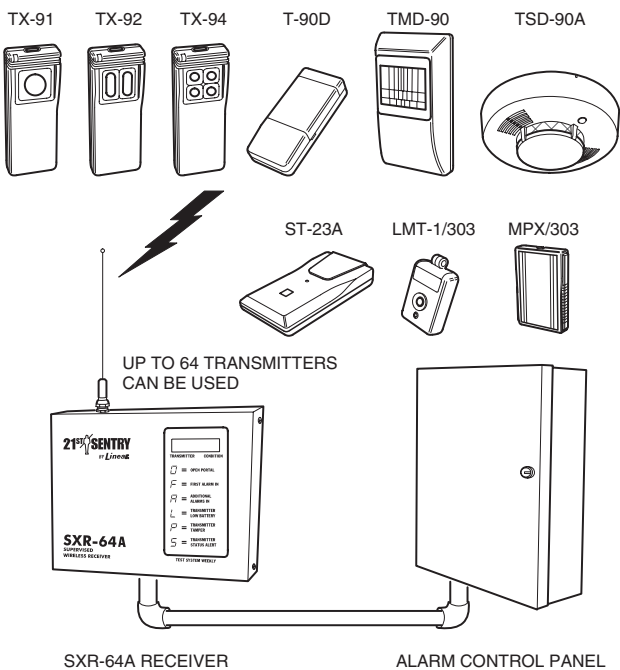
Power for the SXR-64A is provided from the alarm control panel. To control the alarm memory, reset tamper and status alert conditions, an armed input on the receiver connects to an armed output from the control panel.

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

SYSTEM OVERVIEW

TYPICAL TRANSMITTERS

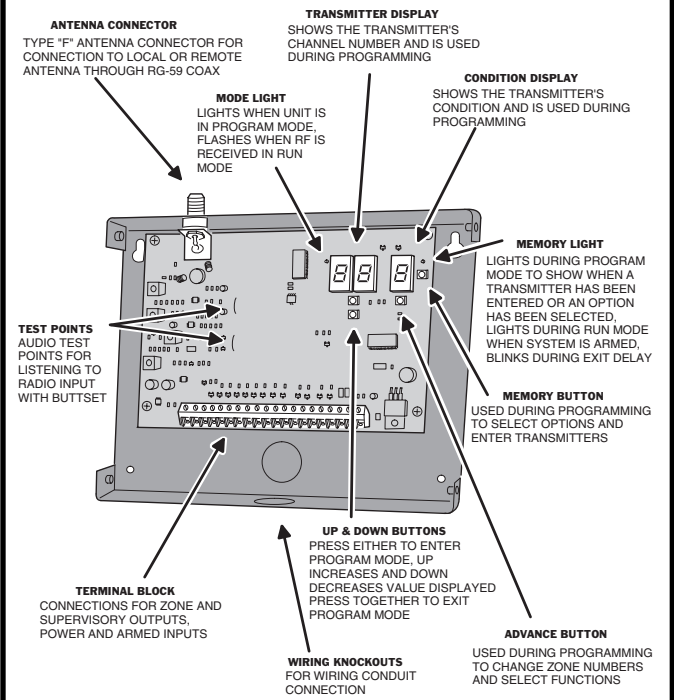


CONDITION DISPLAYS

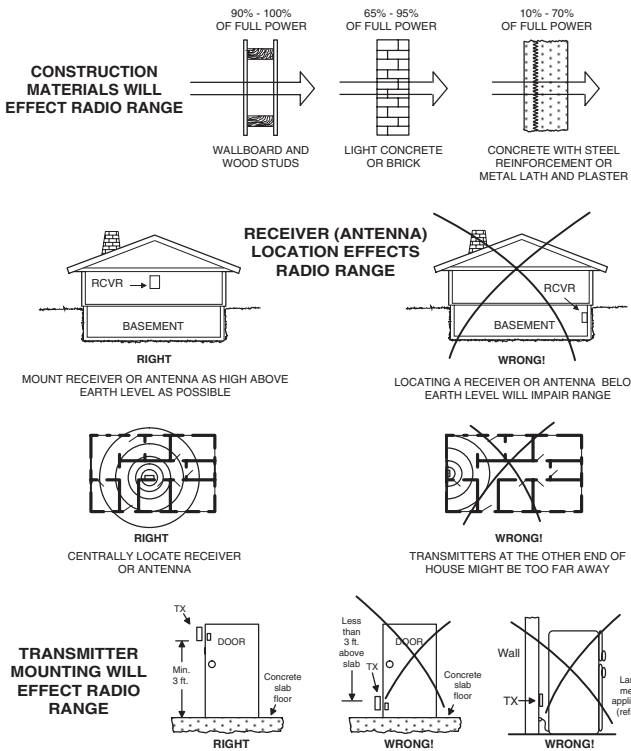
CONDITIONS FOR ALL TRANSMITTERS ROTATE ON THE DISPLAY

- O = 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 THE TRANSMITTER IS SET AS "AUTO RESTORE". THE CHANNEL'S ZONE OUTPUT WILL BE FAULTED WHEN THIS CONDITION IS DISPLAYED.
- F = 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 NOT DISARMED. DISPLAY WILL CLEAR THE NEXT TIME THE PANEL IS RE-ARMED.
- A = 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.
- L = TRANSMITTER LOW BATTERY**
ANY TRANSMITTER THAT CAN SEND A LOW BATTERY SIGNAL WILL CAUSE THIS CONDITION WHEN ITS BATTERY IS LOW. DISPLAY WILL REMAIN UNTIL A SIGNAL FROM THE SAME TRANSMITTER WITH A GOOD BATTERY IS SENT.
- T = TRANSMITTER TAMPER**
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.
- S = 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.

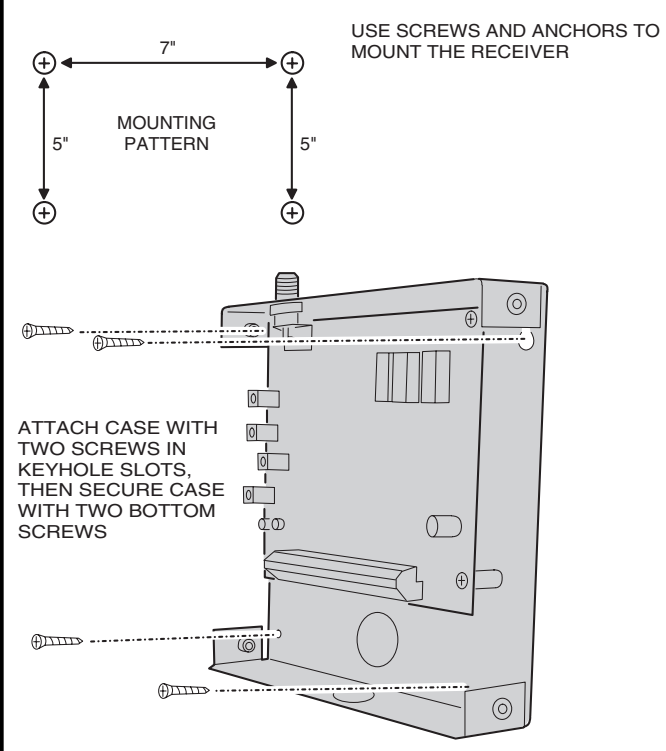
COMPONENT LOCATIONS



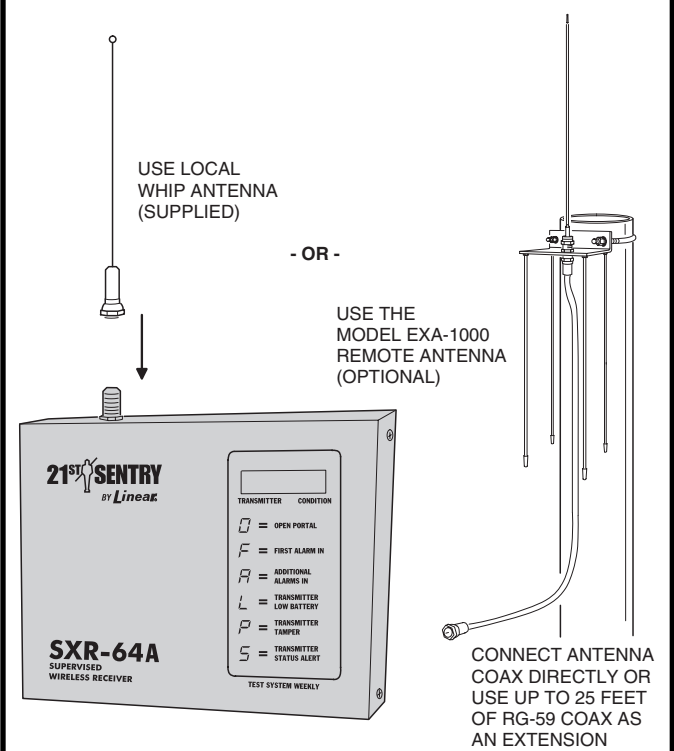
INSTALLATION TIPS



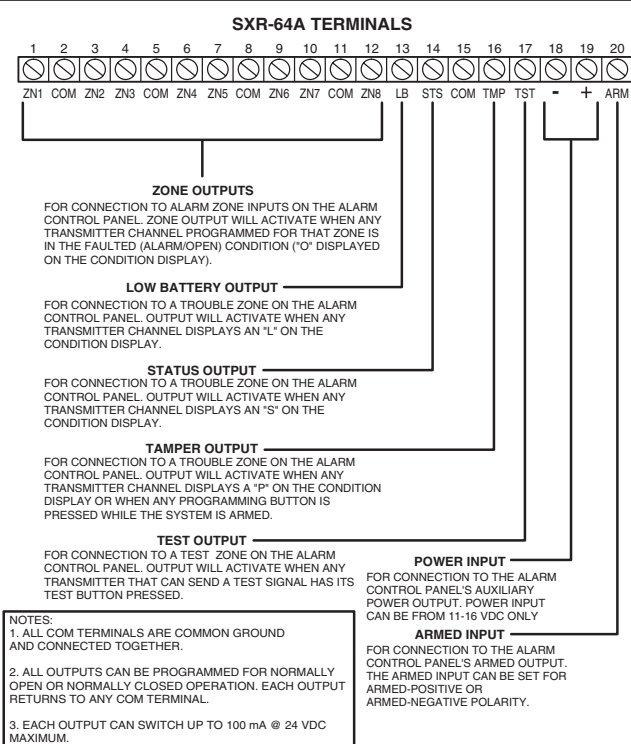
MOUNTING UNIT



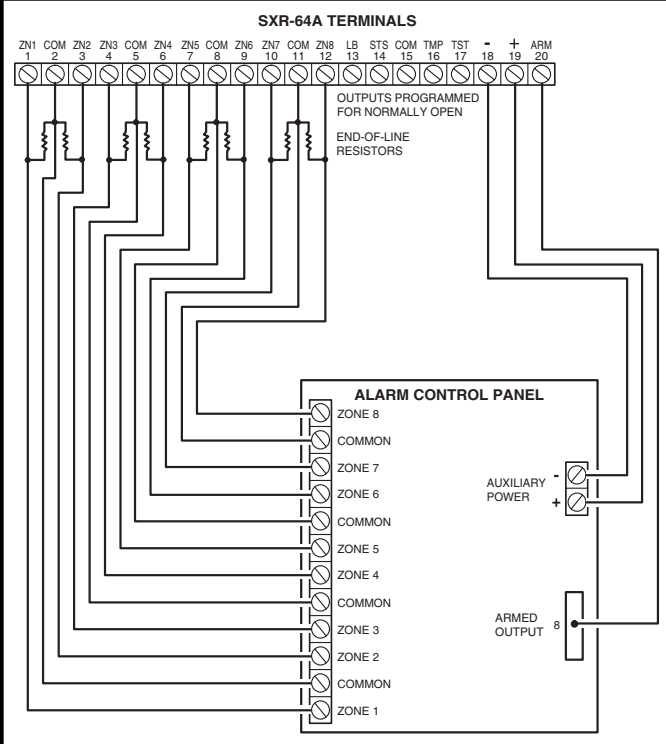
ANTENNA INSTALLATION



TERMINAL BLOCK DETAILS



TYPICAL CONTROL PANEL CONNECTION



S1 FORMAT TRANSMITTER DETAILS

