



MODEL 1310 MILLENIUM LINE SENTINEL™ INSTALLATION INSTRUCTIONS

The Model 1310 Millennium Line Sentinel™ dual phone line monitor and switcher is designed to monitor two phone lines and switch an alarm panel's digital communicator from the primary line to the secondary line when the primary line goes into a faulted condition. If an alarm occurs after the communicator is switched from the primary line to the secondary line, the Model 1310 will maintain the connection to the secondary line until the communicator has finished reporting the alarm even if the first returns to normal.

The Model 1310 is compatible with all communicators and control panels available today. The Model 1310 only requires power and phone line connections.

OPERATION.

The Model 1310 will switch the lines approximately 5 seconds after the fault is first detected and will switch the lines back immediately if the primary line returns to normal **and** the secondary line is not in use. Each phone line has an LED to indicate if that line has been faulted. Once a fault is detected the LED will remain ON until the RESET switch is pressed (even if the line has returned to normal.) In addition, each line has a SPDT (Form C) relay that energizes when the line is faulted and de-energizes automatically when the line returns to normal.

TERMINAL STRIP IDENTIFICATION.

L1(T): Primary Telephone Line Tip input – street side (Green on the RJ-31X.)
L1(R): Primary Telephone Line Ring input – street side (Red on the RJ-31X.)
L1(T1): Primary Telephone Line Tip input – house side (Brown on the RJ-31X.)
L1(R1): Primary Telephone Line Ring input – house side (Gray on the RJ-31X.)

L2(T): Secondary Telephone Line Tip input – street side (Green on the RJ-31X.)
L2(R): Secondary Telephone Line Ring input – street side (Red on the RJ-31X.)
L2(T1): Secondary Telephone Line Tip input – house side (Brown on the RJ-31X.)
L2(R1): Secondary Telephone Line Ring input – house side (Gray on the RJ-31X.)

(T)OUT: Switched Telephone Line Tip output – street side (Green on the RJ-31X.)
(R)OUT: Switched Telephone Line Ring output – street side (Red on the RJ-31X.)
(T1)OUT: Switched Telephone Line Tip output – house side (Brown on the RJ-31X.)
(R1)OUT: Switched Telephone Line Ring output – house side (Gray on the RJ-31X.)

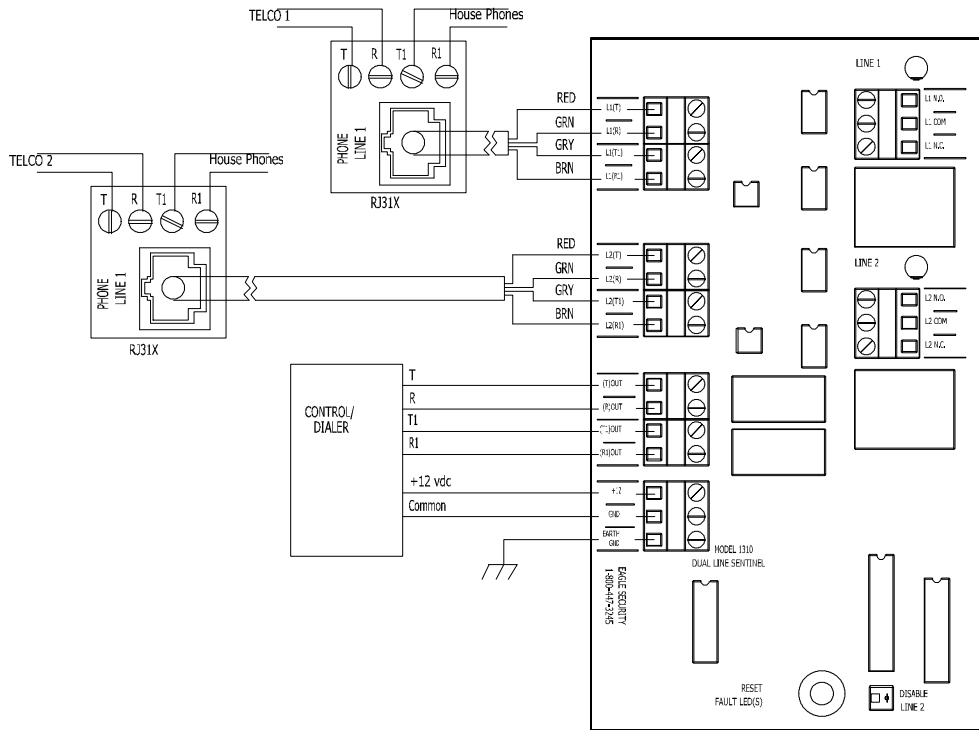
+12: Power Input (+12VDC)
GND: System Ground (Negative)
EARTH GND: Earth Ground connection

WARNING: EARTH GROUND IS REQUIRED FOR THE PROTECTION OF THE MODULE AGAINST SURGES AND LIGHTNING.

L1 N.O.: Primary Line Normally Open (NO) trip relay connection.
L1 COM: Primary Line Common trip relay connection.
L1 N.C.: Primary Line Normally Closed (NC) trip relay connection.

L2 N.O.: Secondary Line Normally Open (NO) trip relay connection.
L2 COM: Secondary Line Common trip relay connection.
L2 N.C.: Secondary Line Normally Closed (NC) trip relay connection.

CONFIGURATION.



FCC REQUIREMENTS:

1. The Federal Communications Commission (FCC) has established Rules which permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin lines.
2. If this device is malfunctioning, it may also be causing harm to the telephone network; this device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.
3. The telephone company may make changes in its technical operations and procedures; if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the changes. You will be advised of your right to file a complaint with the FCC.
4. If the telephone company requests information on what equipment is connected to their lines, inform them of:
 - a. The telephone number this unit is connected to
 - b. The ringer equivalence number
 - c. The USOC jack required.
 - d. The FCC Registration number

Items 'b' and 'd' are indicated on the label.

The ringer equivalence (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the RENs of all devices on any one line should not exceed five (5.0). If too many devices are attached, they may not ring properly.

5. In the event of equipment malfunction, all repairs should be performed by our Company or an authorized agent. It is the responsibility of users requiring service to report the need for service to our Company or to one of our authorized agents. Service can be obtained at:

Eagle Security Products, Inc., 11650 Genesee Street, Suite #2, Alden, NY 14004-9630. Phone: 1-800-447-3245; or at your local installation company. Web site: www.eagle-security.com

IMPORTANT: Eagle Security Products should be tested every month to insure complete and proper operation and proper input and output connections.

EAGLE SECURITY PRODUCTS MODEL 1300; FCC IDENTIFICATION NUMBER: 1S1USA-18688-KX-N
 RINGER EQUIVALENCE NUMBER (REN): 0.0B; USOC JACK REQUIRED: NONE

LIMITED WARRANTY

Eagle Security Products, Inc. warrants that the products of its manufacture shall be free from defects in materials or workmanship to one year from the date of invoice if such goods have been properly installed, are subject to normal proper use, and have not been modified in any manner whatsoever. Upon return of the defective product to the nearest Eagle Security Products dealer, Eagle Security Products will, at its sole discretion, either repair or replace, at no cost to the customer, such goods as may be of defective material or workmanship. Customers outside the United States are to return products to their distributor for repair.

EAGLE SECURITY PRODUCTS, INC. SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM LOSS OF PROPERTY OR OTHER DAMAGE OR LOSSES OWING TO THE FAILURE OF EAGLE SECURITY PRODUCTS' PRODUCTS BEYOND THE COST OF REPAIR OR REPLACEMENT OF ANY DEFECTIVE PRODUCTS.

EAGLE SECURITY PRODUCTS INC. MAKES NO WARRANTY OF FITNESS OR MERCHANTABILITY AND NO OTHER WARRANTY, ORAL OR WRITTEN, EXPRESS OR IMPLIED, BEYOND THE ONE YEAR WARRANTY EXPRESSLY SPECIFIED HEREIN.