

The XL150P is a table top digital communicator. The top of the device displays the 3 international emergency symbols embossed on membrane switches. When AC power is applied to the unit the 3 symbols will light up. They will remain lit as long as AC power is applied. If AC is lost the 6v .9AH rechargeable battery (optional Model 649) will keep the device active approximately 24 hrs, however, the symbol lights will go out until AC is restored. When any of the emergency symbols are momentarily depressed, the activate light will lock on, the (optional) Model 154 horn will sound, and the device will transmit to the Central Station. The horn and activate light will drop out upon kiss off from the Central Station, or operation of the membrane "Cancel" switch. (The cancel switch is the White square without a symbol on it at the right of the device). It has been incorporated in case of accidental triggering.

The cancel switch on the top of the unit can be disabled by cutting the JP1 jumper as shown in diagram 1. A remote N.O. momentary cancel switch can be utilized by wiring across P1 & P2. (See diagram 1). A "Cancel" label and a Fire Burglary Instruments label will be supplied with the XL150P to be placed over the White cancel square or at the remote location.

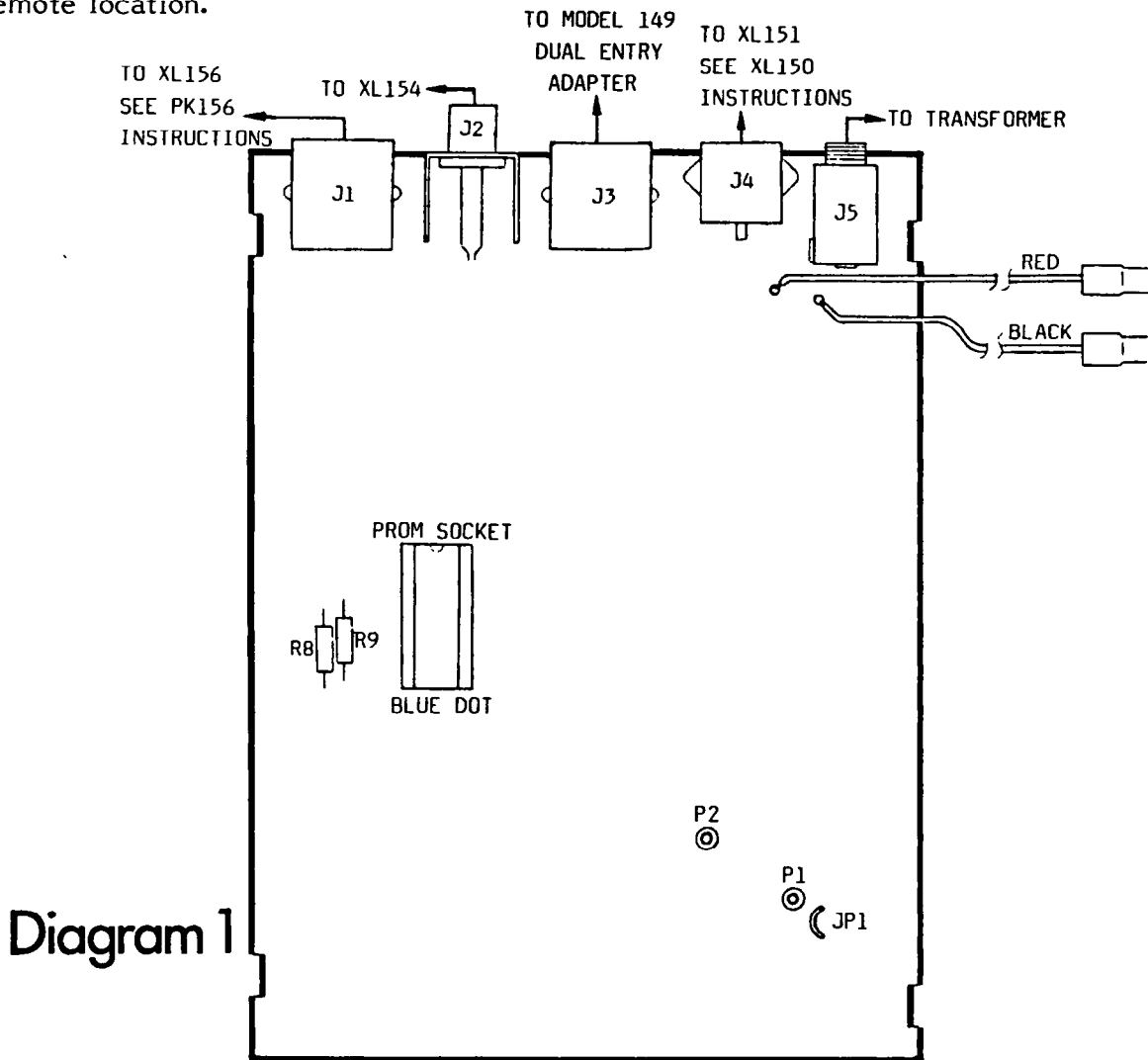


Diagram 1

Step A Phone numbers, receiver type, account code and other information are programmed into the prom, National part number DM74S387N. Use our Model 110 Programmer.

Program the prom in one of the 4 quadrants as follows:

1. Set mode switch North and Quadrant switches to desired Quadrant.

| Quadrant | XL150P | | 110 Programmer | |
|----------|-----------|-----------|----------------|-------|
| | R9 | R8 | S8 | S7 |
| 1 | Connected | Connected | South | South |
| 2 | Cut | Connected | South | North |
| 3 | Connected | Cut | North | South |
| 4 | Cut | Cut | North | North |

Chart 1

2. Program the following numbers in the first four digits of the OP field. **OP** 0, 0, 0, 1. Beginning with the fifth digit of the OP field if a common prefix is needed for all receivers, (9, area code, etc.) it may be keyed in here. If a time delay is needed before or between digits, key in "C" where the delay (3 secs.) is needed.

3. Press ENTER switch, then 9. **1P** should appear on the LED display. Key in the first telephone number. Up to 11 digits may be used . . . Information must be entered in this field.

4. Press ENTER switch, then 9. **2P** should appear on the LED display. Key in the second telephone number. Up to 11 digits may be used. If no number is needed, leave blank.

5. Press ENTER switch, then 9. **3P** should appear on the LED display. Key in the third telephone number. Up to 11 digits may be used. If no number is needed, leave blank.

6. Press ENTER then 9. **AF** should appear on the LED display. The first digit in this field will determine the number of attempts the dialer will make to reach the receiver. See chart below:

Chart 2

| No. of Attempts | Use Digit | No. of Attempts | Use Digit | No. of Attempts | Use Digit |
|-----------------|-----------|-----------------|-----------|-----------------|-----------|
| 1 | 1 | 7 | 7 | 12 | C |
| 2 | 2 | 8 | 8 | 13 | D |
| 3 | 3 | 9 | 9 | 14 | E |
| 4 | 4 | 10 | 0 | 15 | A |
| 5 | 5 | 11 | B | unlimited | F |
| 6 | 6 | | | | |

IMPORTANT: When F is pressed, the number does not display, but the space is left blank. The second digit in the field will determine the number of receivers the dialer must access before it shuts down.

Select as follows: Any one receiver - 8 All receivers - C

7. Press ENTER, then 9. **FF** should appear on the LED display. This field will determine receiver format. One digit must be keyed in for each phone number programmed. See chart for selecting the proper receiver code:

Chart 3

| RECEIVER TYPE | USE DIGIT | RECEIVER TYPE | USE DIGIT |
|------------------|-----------|--------------------------------|-----------|
| Franklin | 1 | Adcor CDR 50 | 3 |
| DCI | 1 | Ademco without Kiss-off | 4 |
| Sescoa | 1 | Ademco with Kiss-off | 5 |
| Radionics (2300) | 1 | Silent Knight without Kiss-off | 6 |
| Radionics (1400) | 3 | Silent Knight with Kiss-off | 7 |

Information must be entered in this field.

8. Press ENTER, then 9. **AC** should appear on the LED display. Key in a 3 or 4 digit account code. A 4 digit account code can only be used with receiver that is capable of handling it.

Information must be entered in this field.

9. Press ENTER, then 9. **AL** should appear on the LED display. Key in digits for the following alarms. (Program an "F", which leaves a blank, for any row NOT BEING USED).

| DIGIT | CODE # | DESCRIPTION |
|-------|--------|--------------------------------|
| 1 | | Enter code desired for Fire |
| 2 | | Enter code desired for Police |
| 3 | | Enter code desired for Medical |
| 4 | F | Enter F |
| 5 | F | Always enter F |
| 6 | F | Always enter F |
| 7 | F | Always enter F |
| 8 | F | Always enter F |
| 9 | F | Always enter F |
| 10 | F | Always enter F |
| 11 | F | Always enter F |

Chart 4

10. Place the prom in socket with the Blue stripe down, and momentarily hit the Program Button. "Finish" should appear in LED display.

- Step B After the prom is programmed, set the resistor jumpers R9 & R8 to correspond with the quad just programmed as per chart 1. Insert the prom into its socket on the XL150P, Blue dot down. (See diagram 1).
- Step C Disconnect telephone cord plug from its modular jack (installed by telephone company). Insert the Dual/entry adapter Model 149 (supplied with XL150P) where the phone cord was removed. Plug one end of the Model 145 cable (supplied) into the larger of the 2 openings of the Dual/entry adapter. Plug the opposite end of the 145 cable into the J3 jack at the rear of the XL150P. (See diagram 1). Insert the phone plug removed earlier, into the smaller opening on the adapter. With this hookup line seizure will be accomplished only from the phone sharing the Dual/entry adapter. If more than one phone exists on the premises, installation of an RJ31X will be necessary to accomplish line seizure from all phones on the premises. The FCC Registration number for the XL150P is (AE398E-70112-AL-R) and the ringer equivalence is 0.0B.
- Step D Insert the plug on the Model 144 9v transformer into the J5 jack at the rear of the XL150P. (See diagram 1). Plug the 9v transformer into an unswitched AC outlet.
- Step E Connect the Red flying lead to the (+) positive terminal on the (optional) Model 649 6v .9 AH rechargeable battery, and the (-) Black lead to the negative terminal.
- Step F Plug in the (optional) Model 155 cable between the 154 and the J2 jack at the rear of the XL150P, (see diagram 1) if horn is desired. XL154 horn is powered by standard 9v dry cell, to be installed inside, by removal of 154 back cover.
- Step G The J1 jack on the rear of XL150P is used only for the addition of the XL156 wireless receiver. (See PK156 instructions for appropriate hook up). The J4 jack is for the addition of the XL151 hard wire system to the XL150P. (See XL151 instructions).