



# ***DiaLog Elite***

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## ***Automatic Phone Line Switching Option***

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## Dual Phone Line Switching Option

The Dual Phone Line Switching Option allows the DiaLog Elite to automatically switch between 2 phone lines when the primary line does not have a dial-tone present.

The option utilizes 2 relays on a standard relay card to switch the phone tip and ring connections from one phone line to another.

Phone numbers are programmed exactly the same as if there is only 1 phone line available. The Elite automatically determines if the line has a dial-tone, and if not switches to the other phone line.

### Operation


The following sequence is followed for making calls.

1. When a call is to be made, the Elite checks for a dial-tone on the primary line.
2. If a dial-tone is detected, then the call is made.
3. If there is NO dial-tone, then the Elite waits the amount of time specified in the Alarm Delay (default is 30 seconds) for the specified phone number.
4. When the Alarm Delay expires, the Elite activates 2 relays to switch between the primary phone line and the backup phone line.
5. If a dial-tone is detected, then the call is made.
6. The backup phone line will continue to be used until the system performs a Phone Line check, which is automatically performed every 2 hours.

A manual Phone Line check can be performed from the RUN mode by pressing the PHONE (4) key.

7. If the Elite is using the backup phone line and a Phone Line check determines that the primary phone line has a dial-tone, then the primary phone line will be used for the next call.

## Phone channel programming

Note 

The Phone Channel is pre-programmed when shipped to the customer. If the customer resets the Elite to factory defaults, then the phone channel must be re-programmed.

The relays being used for switching between the primary and backup phone line must be programmed to energize from the Phone Channel.

The Phone Channel is channel number 03.

The relay settings are as follows:

| <b>Function</b>            | <b>Keystrokes</b>   |
|----------------------------|---|
| Channel Programming        | HOME 1 9  |
| Phone Channel              | 03  |
| Relays                     | 3   |
| Relay List Number          | 15<br>(or the first channel number after the physical relays)   |
|                            | For example, if there is a relay card in Slot 2, then the last physical relay number on that card is 24, so the list would be the next number, or 25. |
| Low Position               | 1   |
| Relay number               | 11<br>(or the first relay available)  |
| Low Position               | 2   |
| Relay number               | 12<br>(or the second relay available)   |
| High Position              | 1   |
| Relay number               | 11<br>(or the first relay available)  |
| High Position              | 2   |
| Relay number               | 12<br>(or the second relay available)   |
| Into Alarm                 | 1 (energize)  |
| From Alarm                 | 0 (de-energize)   |
| De-energize on Acknowledge | 0 (disable)   |