

Remotely Receive Alarms Via Telephone or Cell Phone

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INTRODUCTION

The SEL-2523 Annunciator Panel provides complete alarming, notification, reporting, and communication of station alarms. The SEL-2523 includes 36 alarm windows that are independently programmed through contact inputs or communications. The SEL-2523 is designed to read and acknowledge alarms locally and remotely. The SEL-3010 Event Messenger is an alarm and event notification system that converts incoming computer text messages to voice messages delivered via telephone or through speakers. Connecting an SEL-2523 to an SEL-3010 vocalizes the station alarms recognized by the SEL-2523.

The following devices are needed to receive station alarms via telephone:

- SEL-2523
- SEL-3010
- SEL-C387 cable
- Analog telephone line
- Speakers (optional)

PROBLEM

Unmanned locations must have a mechanism to quickly notify off-site personnel of alarm conditions so they can rapidly dispatch crews. The SEL-2523 has programmable alarm messages that feed into the SEL-3010 to automatically call personnel and announce alarms. This product package helps to quickly notify personnel of the location and type of alarm.

SEL SOLUTION

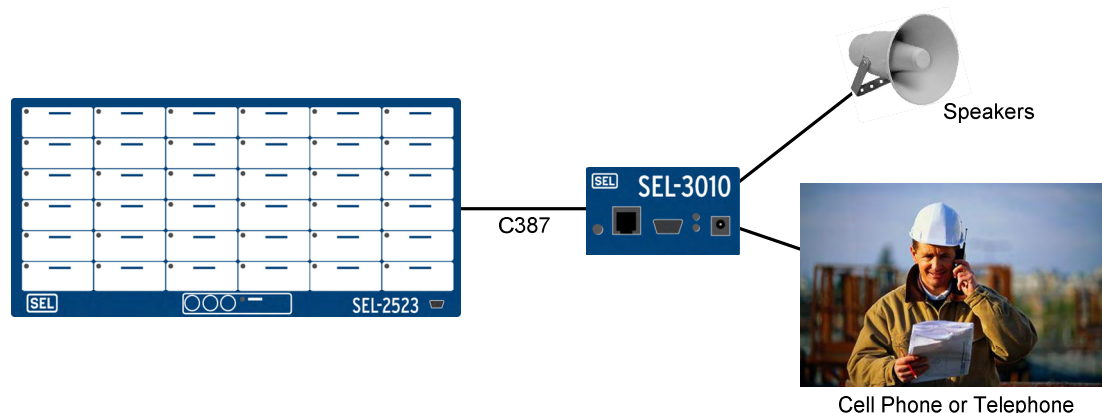


Figure 1 Device Set Up

SEL-2523 Settings

The SEL-2523 is easily set using ACCELERATOR Quickset[®] SEL-5030 Software or any terminal emulation program, such as HyperTerminal[®]. The specific settings needed for communication between the SEL-2523 and the SEL-3010 are as follows:

- Global Settings > Event Messenger Points
 - EMP (N, 1–32): number of messenger points enabled
 - MPTXn (n=1–32): alarm message up to 148 characters
 - MPTRn (n=1–32): alarm trigger points
- Port Settings
 - EPORT (Y): enable port
 - PROTO Protocol (EVMSG): set protocol to communicate with the SEL-3010
 - BAUD Rate (9600)

For additional settings, please reference the SEL-2523 Instruction Manual.

SEL-3010 Settings

To set the SEL-3010, use an SEL-C662 cable set to DTE and +5 V to serially connect to a computer. The specific settings needed for communication between the SEL-3010 and the SEL-2523 are as follows:

- + + +: enter command mode
- ATM2: enable local speaker output
- AT\Pnm...m (n=1–4), where m=phone number: store up to four phone numbers

The SEL-3010 vocalizes station alarms through speakers if there are no phone numbers programmed in the Event Messenger. For additional settings, please reference the SEL-3010 Instruction Manual.

