

## PCM5 REGISTERS/OPTIONS FOR "IN THE FIELD" SIMPLE CHANGES AND MAINTENANCE

**This document contains BASIC instructions for first time ELCOTEL SERIES 5 USERS**

**DEFAULTING PCM:** Short pins, go off-hook, relay fires, and dial-tone returns; type "#99999999", wait 5 seconds, "964". Phone should vocally respond with "five" - is ready for unconditional download.

*Note: Newer PCMs have a reset button, rather than shorting the pins the two pins on J4 with a screw-driver.*

### **PROGRAM REGISTERS:**

Your access code also allows you to make field changes to certain registers, they are listed below. After entering your code (bypass code) for collections, the registers below are available for changes. You do not have to hang up, and access again to make multiple changes, only hang up when finished. The PCM will kick you out after approx. twenty seconds of idle time. *Do not press Star-Pound "\*" then your access number, Pound-Access number only "#????????".*

Example: Collecting phone - "#25882588", wait 5, "800", record total, "962" - clear, "972" - clear alarms. You can also now make any changes without hanging up. After the "972" is entered, the phone will continue to say "Thank You." until idle time is up, and kicks you out.

REGISTERS: The phone will respond vocally with the current setting when accessed.

100 = Incoming calls On/Off  
408 = Number of rings before PCM Answers (Not to exceed 5)  
501 = Volume Gain (Not to exceed 3)  
463 = Drug Phone Shutdown Time #1  
464 = Startup Time#1 (Military HHMM Format)  
410 = Time To Start Fast Telemetry (0-23) Military Hour (PCM answer on first ring)  
411 = Duration For Fast Telemetry (1-8) Hours to STAY On Fast Telemetry From Time Entered

To make any changes, for example, to the volume, type "501", vocal response, "\*"3\*", vocal response with new setting. Volume is now set at its highest setting. For On/Off registers, typing "\*" will toggle a register On or Off.

**MAINTENANCE/COLLECTION REGISTERS: (\*=unchangable)**

\*800 = Reports Cashbox Total  
\*962 = Clears Call Counters  
\*972 = Clears Alarms  
\*964 = Reloads EEPROM Image To Ram  
\*965 = Fire Relay RETURN  
\*966 = Fire Relay COLLECT  
402 = Reports Payphone's Station ID (Must Match PNMs Master Block)

A service call with LOGIN/LOGON FAILED means the phone did not accept the ID PNM+ sent to it.

Reg.402 holds this ID number. When calling in for the service call, and if possible, retrieve and have this number ready. If requested, change the ID to the one a Tech Support person gives you. The phone will be called to see if the IDs match.

*Note: Any changes made to the phone are in RAM only. Any RAM reloads (replaced battery or typing 964 during collections) will replace any changes with the last downloaded values from EEPROM. These changes effect only minor operations of the phone, and cannot cause any irreversible conflicts with phone operation.*

*Typical Download Time: 1minute, 08 seconds, under 2 minutes.*

*Download Time If PGM (Software) File Req., 12-15minutes. (If CHIP (U3) Version < 530).*