

TAC TIP

SX 1650/2500 RECORDERS

EEPROM REPLACEMENT

Following is a procedure to reconfigure or initially configure an EEPROM chip in the SX 1650/2500 Recorders.

CAUTION: The EEPROM chip and the CPU card that it plugs into can be damaged by Electrostatic Discharge. Therefore, it is very important that a properly worn wrist strap be used to protect the chip and the circuit board from damage.

NOTE: The current EEPROM chip (part # 193768) is a 5 VDC EEPROM. It can replace an EEPROM chip on the CPU (part # 063230) without any additional hardware changes. If the new EEPROM chip is going to replace a chip on the older CPU (part # 056853) additional hardware changes are required. Contact the Honeywell TAC at 1-800-423-9883 before performing the following procedure.

- 1). Replace the old EEPROM chip with the new one making sure that it is installed correctly and has no bent pins. The EEPROM chip is U16 on CPU part # 063230, and U17 on CPU part # 056853.
- 2). With one hand press and hold the Enter button on the Programmers keyboard.
- 3). With the other hand press and release the Reset switch (S2) located at the top right hand corner of the CPU card. On the old CPU card this switch is not spring loaded and will require you to push it into the reset position and then back again.
- 4). Continue holding the Enter button until the red pointer reaches approximately 23% of scale. This could take up to about 30 seconds. "Select Program" will now be displayed on the Programmers keyboard.
- 5). Type in 25 and then press Enter. This step should be performed when installing a new EEPROM or when recommended by the TAC. The display will have rapidly changing digits for approximately 4 minutes and then will return to "Select Program."
- 6). Type in 20 and then press Enter. This Routine deletes the old Configuration data and loads in initial default settings. This routine takes less than a minute and then the display goes back to "Select Program."
- 7). Type in 21 and then press Enter. This Routine deletes the old Calibration data. It takes around 15 seconds and then "Select Program" is displayed once again.
- 8). Type in 00 (the 00 will not be displayed on the Keyboards Display) and then press Enter. This will return the Recorder to a normal On Line condition.
- 9). At this point you will need to program and calibrate the Recorder.

If there are any questions please call the Honeywell TAC at 1-800-423-9883.