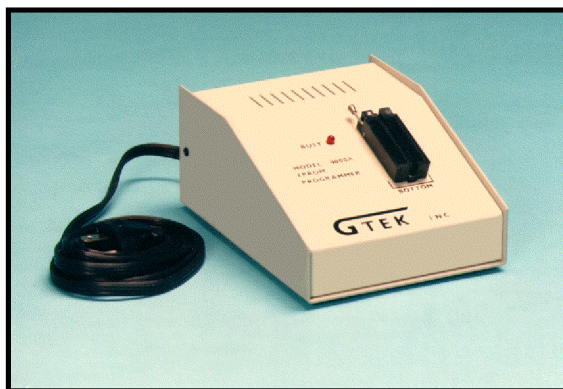


Model 9000A

(E)EPROM PROGRAMMER



USER MANUAL ADDENDUM

GTEK[®], INC.
COMMUNICATIONS SOLUTIONS

1.0 Enhancements

The Model 9000A (E)EPROM programmer's basic operation and installation is similar to the model 9000. The present documentation is still valid except for the following items:

- The Model 9000A has a 32 pin “zif” socket to accommodate most 32 pin EPROM's and flash EPROM's without requiring an adapter.
- Internally, this microprocessor runs more than twice as fast as the model 9000.
- The maximum baud rate that may be used has been increased to 115K baud.
- The Model 9000A programs many parts 4-6 times faster.
- Built-in calibration routine. Press the letter “T” and then press either control-A or alt-1 (on the numeric key pad).
- New EPROM types added are X28C512, 27010 (27C010), and X28C010.

1.1 Part Selection Menu

The part selection menu has been changed on the following two items. You will need to update any automated processes

(such as batch files) to accommodate these changes:

- Use menu selection .I for 27010 instead of M=
- Use menu selection .I for 27210 instead of M=

1.2 Lock/Unlock for 28C256, 28C512, and 28C010

On the 28C256, 28C512, and 28C010 parts, the **TK** command was added to switch the “auto” LOCK/UNLOCK mode. This will accommodate those parts that do not support that mode. Note, however, that PGMX does not support the **TK** command.

Note that the Model 9000 (firmware versions V5.5 - V5.56) can UNLOCK 28C256's using the **TZ** (TZapping...) command. This is not documented anywhere else. The Model 9000A can *automatically* unlock those parts. If you have trouble using in that mode you can “turn off” the LOCK/UNLOCK by using the **TK** toggle. It will indicate which mode the programmer is in by using a lower-case “k” on the prompter. Observe that the **TK** command reports to see if it's in the LOCK or UNLOCK mode.

2.3 PGMX

PGMX has been updated to accommodate 115K baud and has

been updated to allow it to run under Microsoft Windows® at 115K baud in a dos box. This new version of PGMX can also be used with older Model 9000 programmers at the lower baud rates (refer to *Pinstall* in the Model 9000 manual).