

ProTek 24 Firmware Upgrade Procedure

02/10/98

24 series

ProTek 24 firmware version

Instructions:

Follow to install the firmware upgrade:

1. Loosen the four thumbscrews securing the cabinet and separate the chassis from the top.
2. Locate U33 and U26. U33 is located roughly in the center of the PCB, U26 slightly to the right and toward the front panel.
3. Remove the existing EPROMs U26 and U33 and replace with the enclosed parts.
4. Perform a JU4 reset. (Place jumper JU4 in the forward position with the power off, turn on power, wait for self test to complete, and place JU4 in the original position.)
5. Reinstall the cabinet top.

The following operational changes will be evident when upgrading from versions 3.5:

1. Alert calls can now be made after a "return to normal" event. To monitor an input in this manner, set the input's alarm type to Ma2.
2. Status reports have been expanded in voice and alphanumeric page modes.
3. Misleading reports previously generated by the Monitor Input (11#) command have been fixed. A disabled input now reports the current value but will not generate an alarm. Attempting to monitor an unprogrammed input now generates an error message. Previous firmware reported an input's last recorded value before the input was disabled or unprogrammed.
4. A new command, Report Relay Status (13#), has been added to the telephone access DTMF command set.
5. The window for timed dump of alerts in voice or numeric paging modes has been enlarged, allowing quicker response after the client device has gone off-hook.
6. Jumper JU7 now selects either phone number 1 or phone number 5 on screen 5.2 as the status report phone number. This allows status report calls to be sent to an alpha pager.
7. The capability to transfer programming to and from an external computer using the ProTek Management System is supported.
8. History file configuration page 5.3 allows the user to specify what events are recorded in the history file.

Additional capabilities and features may be present if upgrading from versions 3.3 or earlier. The EPROM upgrade should be compatible with any previous versions of hardware and software.

Your feedback on the performance of the software is invited and welcomed. For additional information, call Michael Ball at 919-518-1828.