

## Modifications

03/12/97

ProTek 24 and jr

All firmware versions

The following modifications are presently in force for both PROTEK jr and 24:

1. Change R19 from 22K ohm to 47K ohm. (Boosts transmit level to DAA)
2. Memory batteries are to be installed by Production after confirming open at positive pad. (Speeds transition to first burn.)
3. All PCBs will receive a serial number as completed by Production. (Improves in-house product tracking.)
4. All PROMs (EPROMs, PALs and GALs) will be install by Production. Programming of such devices will remain the responsibility of Engineering. (Speeds transition to first burn.)
5. All PCBs should be installed in the appropriate cabinet with a single screw at board center prior to handing off to Quality Assurance. (Protects PCBs during handling.)

The following modifications are presently in force for the PROTEK 24:

1. Converter board: Change R7 from 820 ohms to 470 ohms. (Improves AC FAIL monitoring.)
2. Do not install ring terminals on either 12VDC or 48 VDC power supply wiring harness. (Speeds production and cuts cost.)
3. "Hot" 110VAC and 12VDC wires are now to be installed on the bottom-most terminals of the power switch. Switched lines leading to transformer and DC converter board are now to be installed on the center contacts of the switch. (Reduces AC shock risks due to hot switch contacts.)
4. Green AC ground wire is to be cut to the same length as the blue AC neutral wire and soldered to ground lug that comes pre-assembled on the 16VDC supply. (Speeds production and cuts cost.)
5. Analog input scaling jumpers on the SIM cards will be installed by Quality Assurance. (Speeds production and testing.)
6. Ground wire (1½ inch with ring terminals) is to be installed from site interface connector mounting screw to the adjacent PCB mounting screw. (Reduces chassis noise potential.)
7. Do not install a socket for U27. (Unused part—speeds production and cuts cost.)

The following modifications are presently in force for the PROTEK jr:

1. Do not install sockets for U9 & U19. (Unused part—speeds production and cuts cost.)
2. Analog input scaling jumpers will be installed by Quality Assurance. (Speeds production and testing.)