

## New Features for V 2.08

05/03/99

ProTek jr+

Version 2.08 and later or jr+ version 2.06 and later (for first two features)

## V 2.08

The following new features will be found in ProTek jr+ firmware 2.08 and later. The first two features are available in firmware version 2.06 or later.

### Additional Dialing String Characters Available

The following characters may now be sent outbound and may be entered into any dialing string field.

0-9	DTMF digits	standard DTMF out dial digits
*	star	used for client machine navigation
#	pound	used for client machine navigation
!	flash	command causes the modem to go off-hook for a designated time
W	waits	wait for dial tone before continuing out dial. If no tone is the call will abort.
@	wait	the modem will wait for at least 5 second of silence before continuing out dial
&	credit card	wait for the credit card dialing tone before continuing with the out dial
,	pause	the modem will wait the time specified in S8 before continuing out dial

### Suppression of initial \* on digital page

JU8 toward front panel (or toward VDT connector) prevents outgoing digital pages from starting with the DTMF "\*" character. Some paging terminals interpret a message starting with "\*" as a command.

### Telco Auto-answer delay

This allows the user to place a second telephone device on the POTS line shared with the ProTek monitor. The second device should be set to answer on a ring greater than that set in the ProTek. In other words, if the ProTek is set to automatically answer an inbound call on the first ring, the secondary device should be set to answer no earlier than the second ring. To allow the secondary device to be accessed, the user would log in by modem, type DLY at the command prompt of the command menu (screen 4), and log off. The ProTek will ignore any inbound call for a period of three minutes and so allow the secondary device to answer the inbound call. The ProTek will return to its normal auto-answer behavior at the end of the three-minute period. A DTMF command of 14 performs the same function as the DLY command.

## Local Acknowledgement

Any digital input may be designated as an ACK type. An input so designated will, when driven active, acknowledge all alerts currently in effect. Depending upon the user programming, one alert call may be initiated before the local acknowledgement resets the alert calling sequence. In practice the best way of using this input will be to use a momentary pushbutton switch across the digital input designated as an ACK type.

## Shortened Alpha page length

To accommodate those paging terminals that limit a message to less than 80 characters, a less verbose message may be generated by setting JU9 to the ON. The shorter message is achieved by using variable length fields for the descriptor fields and omitting the ALERT-SITE or STATUS-SITE labels in the alert page. While there may still be a truncated message when multiple simultaneous alarms are active, the alert regarding the specific input that initiated the alert will be transmitted in its totality and any truncation will affect only the following status lines. Generally this truncation will occur after the major alarm portion of the appended status regardless of the number of alarms in effect. Specifically, the limits are as follows:

An alert message indicating one major alarm, with no site name or input descriptor programmed will have a length of 37 characters. One major alarm with 16-character site and input names will have a length of 69 characters. An alert message indicating 49 major alarms, each with a 16-character input descriptor and a 16-character site name will have a length of 209 characters.