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APPENDIX E

PROTOCOL FOR NUMERIC DISPLAYS

ASCII CODE	VALUE (Decimal)	FUNCTION
STX	2	'Start of text', also known as a 'control B', this character must be the first character of each message
AD1 AD2	48-57 48-57	These two ASCII decimal digits represent the address of the display as set on the display. See appendix C for address setting information
DATA	48-57	Numeric value to be displayed in ASCII decimal digits. It is also permissible to include space characters (character value 32 decimal), minus sign characters (character value 45 decimal), and one decimal point character (character value 46 decimal) with the digits.
ETX	3	'End of text', also known as a control C, this character must be the last character of each message

Example:

To set the display that has an address of '04' to a value of "1234", the following
<STX>041234<ETX>
NOTE: the <>'s are not to be included in the message.

Or from a terminal program such as PCPLUS, Hyper-terminal, or a TELNET screen if the display has the Ethernet Option.

character sequence should be sent:
'control B' "04" "1234" 'control C' (a total of eight characters)

The leading zeros will remain blank in all cases.

Factory set @ 1200BPS ; No parity ; 8 Data bits ; 1 or 2 Stop bits.