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Hardware Initialization of EN530 Non-Volatile Memory for Insertion of Station Call Letters

Model: EN530 Smart Encoder IV

Required: HyperTerminal or equivalent terminal emulation software

Setup: 1200 Baud, 7 Data bits, Odd Parity, 1 Stop Bit, Xon/Xoff Handshaking
VT100 Emulation
Append Line Feeds to incoming Line Ends (Carriage Returns)
Echo typed characters locally

The EN530 contains a user programmable non-volatile startup memory area. Commands can be written into this memory and upon a power-up or reset situation these commands will be acted upon as if the user were entering them from the Supervisor port.

The ^Aw command is used to enter startup commands into the NVM. The following lines show the command structure for entering startup commands into the NVM. The comments are for clarification only and should not be entered into the encoder. Each line begins with a 01h (^A) and ends with a carriage return. All of the ^A's seen below are instances of 01h. Entering ^A through the keyboard is similar to typing a capital "A" but using the 'Ctrl' key instead of the 'Shift' key. There is no Case assigned to Control characters. Case must be maintained for all commands. Data (i.e. WEEG) may be upper or lower case.

Command	Comment
^Ax	Lists (with line numbers) the commands currently entered into NVM.
^Aw p3 ^AO xds o	Sets Port 3 as the active port for XDS data entry.
^Aw p3 ^AP 502 -1 {WEEG58}	Loads the command to add a XDS 0502 packet.
^Aw n	Erases line n from the NVM.

You must load the "^AO xds o" command into NVM first as shown above.

If you have any questions please feel free to contact me.

Thank You,

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