



VFD Command Codes

Author: Robert Joseph Korn

Pages: 1

Description: This is a list of commands for the serial interface of the multiplexed vfd
This list is in no way complete or accurate. It is offered only as a starting point for further discussion.

Serial Parameters:

- 9600 Baud
- 8 bits
- No Parity
- 2 stop bits

Control Codes:

- 0x07 – Clear screen, redisplay startup message, and goto line 1 char 1
- 0x0C – Clear screen and goto line 1 char 1
- 0x0E – Goto line 2 char 1
- 0x0F – Goto line 1 char 1
- 0x10[pos] – Position cursor as specified by pos character

Pos char:

- [A-T] = Line 1 char 1 through 20
- [a-t] = Line 2 char 1 through 20

ex: send the two characters 0x10e to position the cursor on line 2 char 5

Notes:

- Serial port data is overridden by grounding any of the 17 priority encoded message input signals.
- Port-C messages replace line 1.
- Port-D messages replace line 2
- Port-E messages replace line 1.
- The original serial data will be restored when all message lines are released.
- Serial data received while a priority message is displayed will be processed and stored for later display.