

BASIC SERIAL INTERFACE OPERATION

The M-450 may also be remotely operated to a limited degree, via the serial port using an ASCII terminal or a personal computer running a terminal emulation program such as PROCOMM. The serial terminal must be set to 4800 baud, 8 data bits, no parity and 1 stop bit (4800, N, 8, 1).

Typing single keys on the remote terminal signals commands to the M-450. The following table indicates the commands associated with selected keyboard inputs (serial character codes):

- M or m = Mode
Steps through the M-450 mode selections in sequence.
- P or p = sPeed
Steps through the standard operating speeds for the currently selected mode. (It has no function in modes with fixed speeds).
- H or h = sHift
Steps through the standard shifts of 170, 425 and 850 Hz. (No function in modes which do not use the RTTY demodulator).
- U = sense (upper case 'U' only)
Toggles between NORmal and REVerse sense polarity. (No function in modes which do not support polarity).

Note: Keys (character codes) listed as 'no function' will still result in a status line echo.

Anytime one of these single-character codes are received by the M-450, it will respond with a string representing the operating status of the unit. This string, bracketed by new-line codes (c/r, l/f) will appear in the form of:

mode [speed] [shift] [sense]

where only the status elements applicable to the selected mode will be included. For example:

BAUDOT	75	170	NOR
AUTOR	100	170	
ACARS			