

**NAME**

HP2640 – Hewlett-Packard 2640 CRT terminal family

**DESCRIPTION**

This family contains a large and growing number of models that appear to be similar, but have slight variations in keyboard layout and major variations in options and peripheral devices. The HP2640B appears to be the most popular model at the current time. It is suitable for both programming and documentation work. Positive features of the terminal include hardware tab stops, large local memory (up to 8K bytes) with convenient scanning, ability to lock several lines on the display, display enhancements which permit readable display of most *nroff*(1) output, and displayable graphics for control characters.

Quick perusal of *nroff* output can be obtained using the *hp*(1) filter:

**nroff -h options files... | hp**

**COMMANDS TO ISSUE AFTER LOGIN**

**tabs +thp; stty nl0 cr0**

This sequence sets UNIX standard tab stops (every 8 columns), then turns off (unnecessary) line feed and carriage return delays.

**NORMAL SWITCH SETTINGS**

The ON/OFF switch is at the left rear of the terminal. The following switches are at the upper left of the keyboard:

DUPLEX – FULL

PARITY – EVEN

BAUD RATE – 300 (1200 could be used with proper modem)

BLOCK MODE – not depressed

REMOTE – depressed

CAPS LOCK – not depressed (for most uses)

MEMORY LOCK – not depressed unless lines are to be locked on screen

AUTO LF – not depressed

None of the other latching keys should be depressed.

**SPECIAL CHARACTERS AND STATES**

An interrupt can be generated by DEL or BREAK. The location of the BREAK key varies among models.

**COMMON PROBLEMS**

NO LINE FEED OCCURS WHEN RETURN HIT; NO SYSTEM RESPONSE TO RETURN – you are in a mode where there is no conversion of RETURN to CR-LF echoed to your terminal. There are two situations. First, either the terminal or coupler switch may be set to HALF-DUPLEX, and you may have asked to suppress echoing because you were getting double characters. Change the switches to FULL-DUPLEX, and issue a **stty echo** command. The second case is that a **stty nl** command has been done, or some equivalent action, such as using LINE FEED rather than RETURN during your login sequence. Issue the command **stty -nl**, but terminate it with a LINE FEED, not a RETURN. This will restore the terminal to the normal state, allowing convenient use of RETURN again.

If the terminal does not seem to work, try the RESET button. Note that this action clears tab stops.

**IDIOSYNCRASIES**

When the terminal receives a Horizontal Tab character that occurs beyond the last tab stop (if any), the effect is that of a newline. Thus, *tabs(I)* may cause rapid scrolling while clearing tabs.

**SEE ALSO**

hp(I), stty(I), tabs(I), terminals(VII)