

2608S Pocket Guide

RELATIVE ROW
ESC&a # r/R
Move cursor to relative row # (where # is a signed (-/+)) integer

RELATIVE COLUMN
ESC&a +/- # c/C
Move cursor to relative column # (where # is a signed (-/+)) integer

Logical Page Length Selection
PREFIX PARAMETER TERMINATOR EXPLANATION
ESC&l 1 128 p/P Select logical page length (# of lines)

Logical page length is that page length which is set programmatically. The physical page length is that set via the Operator Control Panel. The physical page length cannot be changed programmatically.

Vertical Margins
ESC&l 1 128 l/F Select the text length (# of lines)

Perforation Skip Mode
ESC&l 1 l/L Enable perforation skip mode
ESC&l 0 l/L Disable perforation skip mode

Horizontal Margin Selection
ESC&a print position l/L Set left margin at print position specified (1..132)
ESC&a print position m/M Set right margin at print position specified (1..132)

Transparent Print Data
ESC&p # x/X Transfer # bytes of print data

Cursor Control
ABSOLUTE ROW
ESC&a # r/R Move cursor to absolute row # (where # is an unsigned integer)

ABSOLUTE COLUMN
ESC&a # c/C Move cursor to absolute column # (where # is an unsigned integer)

VFC Channel Control
PREFIX PARAMETER TERMINATOR EXPLANATION
ESC&l 1 thru 16 v/V Select VFC Channels as listed below

ESC&l 0 v/V *Conditional Top of Physical Page
1 Top of Form (line 1)
2 Bottom of Form (BOF) (last line of text))
3 Single space (lines 1,2,3,4,...)
4 Double space (lines 1,3,5,7,...)
5 Triple space (lines 1,4,7,10,...)
6 Half Form (lines 1, (BOF + 1)/2 + 1)
7 Quarter Form (lines 1, (BOF + 3)/4 + 1, (BOF + 1)/2 + 1, (BOF + 3)/4 + 1)
8 Tenth space (lines 1,11,21,31,...)
9 Bottom of Form (BOF - one line (BOF - 1))
10 Top of Form (TOF - one line (TOF - 1))
11 Top of Form (TOF - one line (TOF - 1))
12 Top of Form (TOF - one line (TOF - 1))
13 Seven space (lines 1,8,15,...)
14 Six space (lines 1,7,13,...)
15 Five space (lines 1,6,11,...)
16 Four space (lines 1,5,9,...)

* All control codes except ESC&l 0 V refer to the logical page rather than the physical page.

Programmable VFC
ESC&l byte count w/W VFC data

To DOWNLOAD the programmable VFC from the HP-3000, use the following command:
:DOWNLOAD kln [filename
[MARGIN=ml[DEFAULT]]]

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ASCII TABLE

b ₇ b ₆ b ₅ BITS	COLUMN				ROW			
	0	1	2	3	4	5	6	7
0 0 0 0	0	1	2	3	4	5	6	7
0 0 0 1	NUL	SOH	STX	ETX	END	ACK	BEL	HT
0 0 1 0	LF	VT	FF	CR	SO	SI	US	/
0 0 1 1	9	8	7	6	5	4	3	2
0 1 0 0	0	1	2	3	4	5	6	7
0 1 0 1	8	7	6	5	4	3	2	1
0 1 1 0	7	6	5	4	3	2	1	0
0 1 1 1	6	5	4	3	2	1	0	DEL

Example: The representation for the character 'K' (column 4, row 11) is

b₇ b₆ b₅ b₄ b₃ b₂ b₁ b₀
 BINARY 1 0 0 1 0 1 1
 OCTAL 1 1 1 3



ESCAPE SEQUENCES

ESCAPE	SEQUENCE EXPLANATION
ESC E	Programmable reset
ESC Y	Turn display functions mode on
ESC Z	Turn display functions mode off
ESC 2	Initiate Self Test

Character Set Selection

PREFIX PARAMETER	TERMINATOR	EXPLANATION	ID
ESC #	ID	Specify primary character set	#
ESC #	ID	Specify secondary character set	#
LANGUAGE			
USASCII	0	U	U
Arabic	1	V	V
Cyrillic	2	R	R
Katakana	3	K	K
Draw	0	L	L
APL	0	P	P
French	0	F	F
German	0	G	G
Swedish Finnish	0	S	S
Danish Norwegian	0	D	D
Spanish	1	E	E
Japanese ASCII	0	K	K
Roman Extension	0	L	L
Block	0	E	E
Math	0	M	M

Character Set Selection—Alternate Method

PREFIX PARAMETER	TERMINATOR	EXPLANATION
ESC	none	Select primary character set
ESC	@: A, B, or C	Select secondary character set

@: A, B, or C
 A => select primary or secondary language
 B => as selected on the Operator Control
 C => Math Character Set
 Reserved Draw Character Set

Character Set Selection — Using Operator Control Panel

LANGUAGE STANDARD	BINARY CODE
USASCII	0000
OPTION 001	0001
Arabic	0010
Cyrillic	0011
Katakana	0100*
Draw	0100*
OPTION 002	0111
APL	1000
French	1001
German	1010
Swedish Finnish	1011
Danish Norwegian	1100
Spanish	1101
Japanese ASCII	1110
Roman Extension	1111
OPTION 003	0101
Block	0110
Math	0110

* The HP 2608S should be operated at 8 LPI when using the Draw character set so that characters will connect in the vertical direction.

Character Density Selection

PREFIX PARAMETER	TERMINATOR	EXPLANATION
ESCS	0	Select Standard Density (70 dots/inch) for the primary character set
ESCS	1	Select High Density (100 dots/inch) for the primary character set
ESCS	0	Select Standard Density (70 dots/inch) for the secondary character set
ESCS	1	Select High Density (100 dots/inch) for the secondary character set

Print Mode Selection

PREFIX PARAMETER	TERMINATOR	EXPLANATION
ESC&k	0/8	Select print mode
ESC&l	6/8	Select 6 or 8 Lines/inch

6 => Standard Mode
 8 => Double Size Mode

CONTROL CODES

FUNCTION SYMBOL BINARY DESCRIPTION

Backspace	BS	1000	Move one column left
Line Feed	LF	1010	Move to next print line while maintaining current column position
Form Feed	FF	1100	Move to first line at top of the next page while maintaining current column position
Carriage Return	CR	1101	Move to the left margin
Shift Out	SO	1110	Select following characters from the current secondary character set until receipt of a Shift In
Shift In	SI	1111	Select following characters from the current primary character set until receipt of a Shift Out
Escape	ESC	11011	The following characters are a special control sequence