

Control Sequence Commands:

IBM Proprinter III Control Sequence Summary:

DEC.	HEX.	MNEMONIC	FUNCTION
7	07	BEL	Sounds the buzzer for 0.3 second
13	0D	CR	Carriage return--does a carriage return with or without line feed (Function Switch #5,CR)
17	11	DC1	Selects the printer to accept data from a computer after the ESC Q 3 command has deselected the printer
24	18	CAN	Cancel--clears all print information in the internal buffer
27 81 51	1B 51 33	ESC Q 3	Deselects printer
27 85 n	1B 55 n	ESC U n	Sets bidirectional/unidirectional n=1 selects unidirectional n=0 selects bidirectional
27 114 n	1B 72 n	ESC r n	Selects print color n=0 Black n=1 Magenta n=2 Cyan n=3 Violet n=4 Yellow n=5 Red n=6 Green
27 91 75 c1 c2 init id p1 p2	1B 5B 4B c1 c2 init id p1 p2	ESC [K c1 c2 init id p1 p2	Software initialize

Vertical Motion Control Sequences:

DEC.	HEX.	MNEMONIC	FUNCTION
10	0A	LF	Line feed--does a line feed with or without carriage return
11	0B	VT	Vertical tab--moves to next vertical tab position
12	0C	FF	Form feed--feeds paper to top of next page after printing
27 48	1B 30	ESC 0	Sets 1/8" line feed
27 49	1B 31	ESC 1	Sets 7/72" line feed

27 50	1B 32	ESC 2	Starts line spacing set by ESC A
27 51 n	1B 33 n	ESC 3 n	Sets variable line feed/set line feed pitch to $n/216''$ $1 \leq n \leq 255$
27 52	1B 34	ESC 4	Sets top of form-set current position as top of form
27 53 n	1B 35 n	ESC 5 n	Sets automatic line feed n=1 Carriage return and line feed n=0 Carriage return only
27 65 n	1B 41 n	ESC A n	Stores variable line spacing--set line feed pitch to $n/72''$ when ESC 2 is input $1 \leq n \leq 255$
27 66 n1 ...nk 0	1B 42 n1 ...nk 00	ESC B n1...nk NUL	Sets vertical tabs $1 \leq k \leq 64$
27 67 n	1B 43 n	ESC C n	Sets form length in lines $1 \leq n \leq 255$
27 67 0 n	1B 43 00 n	ESC C NUL n	Sets form length from lines--max. 151 inches
27 74 n	1B 4A n	ESC J n	Variable line spacing--does $n/216''$ line feed
27 78 n	1B 4E n	ESC N n	Sets skip perforation $1 \leq n \leq 255$
27 79	1B 4F	ESC O	Cancel skip perforation
27 93	1B 5D	ESC]	Reverse line feed

Horizontal Motion Control Sequences:

DEC.	HEX.	MNEMONIC	FUNCTION
8	08	BS	Backspace--moves 1 character space to the left
9	09	HT	Horizontal tab--moves to next horizontal tab position
27 68 n1 nk 0	1B 44 n1 nk 00	ESC D n1...nk NUL	Sets horizontal tabs $1 \leq k \leq 28$
27 82	1B 52	ESC R	Sets all tabs to power-on settings
27 88 n1 n2	1B 58 n1 n2	ESC X n1 n2	Sets left and right margins-set margins based on the current font pitch n1 specifies left margin and n2 specifies right margin $1 \leq n1 \leq n2 \leq \text{max. character column}$

Printing Style Control Sequence:

DEC.	HEX.	MNEMONIC	FUNCTION
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27 73 n	1B 49 n	ESC I n	Selects print mode n=0 Draft n=1 Speed Draft (12 cpi) n=2 Sans Serif (NLQ) n=3 NLQ (Selected at the front panel) n=4 Draft Download n=5 Speed Draft Download(12cpi) n=6 Draft Download Interpolation n=7 NLQ Download n=12 Alternate NLQ (Italic) n=15 Alternate NLQ Down load
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Print Style Commands:

DEC.	HEX.	MNEMONIC	FUNCTION
14	0E	SO	Selects double-width printing--prints for one line only
15	0F	SI	Selects condensed printing--17.1 cpi
18	12	DC2	Selects standard 10 cpi printing
20	14	DC4	Cancel double-width printing--ends single-line double-width printing set by SO
27 58	1B 3A	ESC :	Selects compressed printing--12 cpi
27 80 n	1B 50 n	ESC P n	Selects or deselects proportional characters n=1 ON n=0 OFF
27 87 n	1B 57 n	ESC W n	Continuous double-width printing n=1 selects continuous double-width printing n=0 cancels continuous double-width printing
27 91 64 n1 n2 0 0 m1 m2	1B 5B 40 n1 n2 00 00 m1 m2	ESC [@ n1 n2 NUL NUL m1 m2	Double-Height Printing

Print Enhancement Control Sequences:

DEC.	HEX.	MNEMONIC	FUNCTION
27 45 n	1B 2D n	ESC - n	Underlining n=1 Starts underline; n=0 ends underline
27 69	1B 45	ESC E	Sets emphasized printing
27 70	1B 46	ESC F	Cancel emphasized printing
27 71	1B 47	ESC G	Sets double-strike printing
27 72	1B 48	ESC H	Stop double-strike printing

27 83 n	1B 53 n	ESC S	Sets superscript/subscript printing n=1 selects subscript printing n=0 selects supersubscript printing
27 84	1B 54	ESC T	Ends superscript and subscript printing
27 95 n	1B 5F n	ESC _ n	Overscoring n=1 selects continuous overscoring n=0 cancels continuous overscoring

Character Table Control Sequences:

DEC.	HEX.	MNEMONIC	FUNCTION
27 54	1B 36	ESC 6	Selects IBM Character Set 2
27 55	1B 37	ESC 7	Selects IBM Character Set 1
27 92 n1 n2	1B 5C n1 n2	ESC \ n1 n2	Prints continuously from All Character Set
27 94 n	1B 5E n	ESC ^ n	Prints a character from All Characters Set

Font Downloading Control Sequence:

DEC.	HEX.	MNEMONIC	FUNCTION
27 61 n1 n2 m s a1 a2 d1 ...d11	1B 3D n1 n2 m s a1 a2 d1... d11	ESC = n1 n2 m s a1 a2 d1... d11	Defines downloading characters
27 61 n1 n2 m s a1 a2 d1 ...d46	1B 3D n1 n2 m s a1 a2 d1... d46	ESC = n1 n2 m s a1 a2 d1... d46	Defines NLQ downloading characters

Graphic Image Printing Control Sequences:

DEC.	HEX.	MNEMONIC	FUNCTION
27 75 n1 n2 d1... dk	1B 4B n1 n2 d1... dk	ESC K n1 n2 d1 ...dk	Single-density 8-pin bit image mode-60 dpi (dots per inch) k=n1(LSB)+(256 x n2) (MSB)
27 76 n1 n2 d1... dk	1B 4C n1 n2 d1... dk	ESC L n1 n2 d1 ...dk	Double-density 8-pin bit image mode-120 dpi (dots per inch) k=n1 +(256 x n2)
27 89 n1 n2 d1... dk	1B 59 n1 n2 d1... dk	ESC Y n1 n2 d1 ...dk	Double-speed Double-density 8-pin bit image mode-120 dpi (dots per inch) (horizontally aligned dots cannot be printed) k=n1+(256 x n2)

27 90 n1	1B 5A n1	ESC Z n1 n2 d1	Quadruple-density 8-pin bit image mode-240
n2 d1...	n2 d1...	...dk	dpi k=n1+(256 x n2)
dk	dk		

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