

According to American Standard Code for Information Interchange (ASCII), there are 34 control codes in addition to the printable character codes. Control codes are sent as data which the receiving device interprets as abbreviated instructions, communications-status messages, etc.

The Line Printer V recognizes and executes 6 kinds of control codes as a space character.

CODE DEC.	OCTAL	HEX.	SYMBOL	FUNCTION
0	000	00	NUL	These are ignored
1	001	01		
10 or 138	012 or 312	0A or 8A	LF	Line Feed. When buffer information is printed out, paper advances one line. Next character is printed from start of next line.
13 or 141	015 or 315	0D or 8A	CR	Carriage return, all buffer information and next character printed from start of next line. CR code directly after CR or LF is ignored.
14	016	0E	ULE	Underline End. After this code is received, subsequent characters won't have underline.
15	017	0F	ULS	Underline Start. Subsequent characters will be printed with underline until Underline End code is received or initialized.
27 14	033 016	1B 0E	CON STR	Sets to condensed character mode. Following characters will be 2/3 pitch of normal characters. Thus, if normal characters have been prescribed, 15 character/inch pitch will be used. If Elongated Characters have been prescribed, 7.5 character/inch pitch will be used. Next character will be printed from start of this line.
27 15	033 017	1B 0F	CON END	Cancels condensed character mode. Returns to character pitch prior to condensed character designation. Next data will be printed from beginning of the line.
27 30	033 036	1B 1F	BOLD END	Bold character End. Return to normal character mode.
27	033	1B	BOLD	Bold character Start. Following charac-

31	037	1F	START	ters will be printed in Bold letters. Character pitch won't be changed. *
27 28	033 034	1B 1C	1/12L	12 Lines/inch designated. When this two-code sequence is received, all following line spacing will be 12 lines per inch. This is normally designated when graphic pattern printing is to be performed.
27 54	033 066	1B 38	1/6"L	6 Line/inch designated. When this two-code sequence is received, all following line spacing will be 6 lines per inch. This condition prevails when power is turned on or Printer is Reset.
27 56	033 068	1B 38	1/8"L	8 Line/inch designated. When this two-code sequence is received, all following line spacing will be 8 lines per inch.
30	036	1E	NOR	Elongated character designation canceled. This condition prevails when power is turned on or Printer is Reset.
31	037	1F	ELN	Elongated character designated. All following character pitches will be twice that of former characters.
127	177	7F	DEL	These are ignored.
255	377	FF		

\* Bold character can be used only for normal characters. When BOLD STR code is received in elongated character mode, it will be ignored.

SPECIAL NOTE: The condensed mode commands should not be written into the center (or end) of a program line. When executed, the CON STR brings the print head to the starting point of a line, but does not include a line feed. As a result you will get overprinting on the same line (if executed after some information has already been printed for that line). Normal and Elongated mode printing can be intermixed on the same line (but condensed mode cannot be mixed with any other).

\*\*\*\*\*SEE ADDENDUM\*\*\*\*\*

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