

## EPSON LQ-850 Control Codes

**Table 7.13. Epson LQ-850 Control Codes**

Command	Function	Code (hex)	Supported
<b>Printer Operation</b>			
ESC @	Initialize Printer	1B 40	Yes
DC 1	Select Printer	11	–
DC 3	Deselect Printer	13	–
DEL	Delete Character	7F	–
ESC <	Select Unidirectional Mode (one line)	1B 3C	Yes
ESC U n	Turn Unidirectional Mode On/Off	1B 55	–
<b>MSB Control</b>			
ESC EM n	Control Cut Sheet Feeder	1B 19	–
ESC =	Set MSB to 0	1B 3D	Yes
ESC >	Set MSB to 1	1B 3E	Yes
ESC #	Cancel MSB Control	1B 35	Yes
<b>Data Control</b>			
BEL	Beeper	07	–
CR	Carriage Return	0D	Yes
CAN	Cancel Line	18	–
<b>Vertical Motion</b>			
FF	Form feed	0C	Yes
ESC C n	Set Page Length in Lines	1B 43	Yes
ESC C null n	Set Page Length in Inches	1B 43 00	Yes
ESC N n	Set Skip Over Perforation	1B 4E	Yes
ESC O	Cancel Skip Over Perforation	1B 4F	Yes
LF	Line Feed	0A	Yes
ESC + n	Set n/360-inch Line Spacing	1B 2B	Yes
ESC 0	Select 1/8-inch Line Spacing	1B 30	Yes
ESC 2	Select 1/6-inch Line Spacing	1B 32	Yes
ESC 3 n	Set n/180-inch Line Spacing	1B 33	Yes
ESC A n	Set n/60-inch Line Spacing	1B 41	Yes
ESC J n	Perform n/180-inch Line Feed	1B 4A	Yes
VT	Tab Vertically	0B	Yes
ESC B n1 n2...n16 null	Set Vertical Tabs	1B 42	Yes
ESC b n1 n2...n16 null	Set Vertical Tabs in Channels	1B 62	Yes
ESC / n	Select Vertical Tab Channel	1B 2F	Yes
<b>Horizontal Motion</b>			
ESC I n	Set Left Margin	1B 6C	Yes
ESC Q n	Set Right Margin	1B 51	Yes
BS	Backspace	08	Yes
ESC \$ n1 n2	Set Absolute Print Position	1B 24	Yes
ESC \ n1 n2	Set Relative Print Position	1B 5C	Yes
HT	Tab Horizontally	09	Yes
ESC D n1 n2...n32 null	Set Horizontal Tabs	1B 44	Yes
<b>Overall Printing Style</b>			
ESC I n	Set Left Margin	1B 6C	Yes
ESC Q n	Set Right Margin	1B 51	Yes
BS	Backspace	08	Yes
ESC \$ n1 n2	Set Absolute Print Position	1B 24	Yes
ESC \ n1 n2	Set Relative Print Position	1B 5C	Yes
HT	Tab Horizontally	09	Yes
ESC D n1 n2...n32 null	Set Horizontal Tabs	1B 44	Yes
<b>Print Size and Character Width</b>			
ESC P	Select 10 CPI	1B 50	Yes

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Command	Function	Code (hex)	Supported
ESC M	Select 12 CPI	1B 4D	Yes
ESC g	Select 15 CPI	1B 67	Yes
ESC p n	Turn Proportional Mode On/Off	1B 70	Yes
SI	Select Condensed Mode	0F	Yes
ESC SI	Select Condensed Mode	1B 0F	Yes
DC2	Cancel Condensed Mode	12	Yes
SO	Select Double-wide Mode (one line)	0E	Yes
ESC SO	Select Double-wide Mode (one line)	1B 0E	Yes
ESC W n	Turn Double-wide Mode On/Off	1B 57	Yes
DC4	Cancel Double-wide Mode (one line)	14	Yes
ESC w n	Turn Double-high Mode On/Off	1B 77	Yes
<b>Print Enhancement</b>			
ESC E	Select Emphasized Mode	1B 45	Yes
ESC F	Cancel Emphasized Mode	1B 46	Yes
ESC G	Select Double-strike Mode	1B 47	Yes
ESC H	Cancel Double-strike Mode	1B 48	Yes
ESC S n	Select Superscript or Subscript	1B 53	Yes
ESC T	Cancel Superscript/Subscript Mode	1B 54	Yes
ESC (- n1 n2 m d1 d2	Select Score	1B 28 2D	Yes
ESC - n	Turn Underline Mode On/Off	1B 2D	Yes
ESC q	Select Character Style	1B 67	Yes
<b>Word Processing</b>			
ESC a n	Select Justification	1B 61	-
ESC SP n	Set Intercharacter Space	1B 20	Yes
<b>Character Tables</b>			
ESC t n	Select Character Set	1B 74	Yes
ESC 4	Select Italic Mode	1B 34	Yes
ESC 5	Cancel Italic Mode	1B 35	Yes
ESC R	Select an International Character Set	1B 52	Yes
<b>User-defined Characters</b>			
ESC & null d1 d2...dn	Define User-defined Characters	1B 26	-
ESC : null n null	Copy ROM to RAM	1B 3A	-
ESC % n	Select User-defined Set	1B 25	-
ESC 6	Enable Printable Characters	1B 36	Yes
ESC 7	Enable Upper Control Codes	1B 37	Yes
<b>Graphics</b>			
ESC K n1 n2 v1 v2...vn	Select Single-density Graphics Mode	1B 4B	Yes
ESC L n1 n2 v1 v2...vn	Select Double-density Graphics Mode	1B 4C	Yes
ESC Y n1 n2 v1 v2...vn	Select High-speed Double-density Graphics Mode	1B 59	Yes
ESC Z n1 n2 v1 v2...vn	Select Quadruple-density Graphics Mode	1B 5A	Yes
ESC * m n1 n2 v1 v2...vn	Select Graphics Mode	1B 2A	Yes
ESC ? m n	Reassign Graphics Mode	1B 3F	Yes

