

EPSON ESC/P

Reference Manual

**LX-300+, LX-1170
FX-880+, FX-1180+
LQ-300+, LQ-1150
LQ-570e/580
LQ-680Pro
DLQ-3500**

2002 Addendum

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This addendum contains information relevant to EPSON Serial Impact Dot Matrix printers introduced from year 2000 onward. This document covers the following EPSON printer models:

LX-300+, LX-1170, FX-880+, FX-1180+, LQ-300+, LQ-1150, LQ-570e/580, LQ-680Pro and DLQ-3500.

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LX-300+ Year introduced: 2000
Market: America, Europe, Pacific

Built-in features

Print method	9-pin impact
Speed	NLQ 56 cps @ 10 cpi 67 cps @ 12 cpi Draft 225 cps @ 10 cpi 270 cps @ 12 cpi High-speed draft 300 cps @ 10 cpi
Print width	8 inches
Paper types	Continuous, Single sheets, Envelopes, Labels, Roll Paper
Multipart forms	Original plus 4 copies
Paper paths	Rear, Bottom
Tractor	Push, Pull
Paper parking	Available
Buffer size	8KB or 0KB
Interface	Bi-directional 8-bit Parallel (IEEE-1284 nibble mode supported), Serial I/F
Fonts (typefaces)	EPSON Draft, EPSON Roman, EPSON Sans Serif
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Nonprintable area	4.2 mm at the top and bottom of single sheets

Options (with model numbers)

Cut-sheet feeders	C80637* (Single-bin)
Tractor	C80030* (Pull)
Roll-paper holder	#8310
Interfaces	C82378*
Ribbon	#8750 (Fabric)

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

LX-300+ settings

Setting	Options
Page length for tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Skip over perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d.
Software	ESC/P , IBM 2380 Plus
0 slash	OFF , ON
High speed draft	OFF , ON
I/F mode	Auto , Parallel, Serial
Auto I/F wait time	10 seconds , 30 seconds
Baud rate	19200BPS , 9600BPS, 4800BPS, 2400BPS, 1200BPS, 600BPS, 300BPS
Parity	None , Odd, Even, Ignore
Data length*2	8bit , 7bit
Parallel I/F bidirectional mode	OFF , ON
Packet mode	Auto , OFF
Character table(Standard version)	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCI, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
Character table(NLSP version)	Italic, PC437 , PC850, PC437 Greek, PC853, PC855, PC852, PC857, PC866, PC869, MOZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PC AR864, PC860, PC865, PC861, PC863, BRASCI, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character set for Italic table	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Manual feed wait time	1 seconds, 1.5 seconds , 2 seconds, 3 seconds
Buzzer	OFF , ON
Auto CR(IBM 2380 Plus) *1	OFF , ON
IBM character table *1	Table2 , Table1

Note: Bold letters indicate the standard factory settings.

*1 This setting is effective when IBM 2380 Plus emulation is selected.

*2 after the ROM version No.W1XXXX

FX-880+

Year introduced: 2001
Market: America, Europe, Pacific

Built-in features

Print method	9-pin impact
Speed	NLQ 82 cps @ 10 cpi 99 cps @ 12 cpi Draft 330 cps @ 10 cpi 396 cps @ 12 cpi High-speed draft 440 cps @ 10 cpi Ultra high speed draft 494 cps @ 10 cpi
Print width	8 inches
Paper types	Continuous, Single sheets, Envelopes, Labels, Roll Paper
Multipart forms	Original plus 5 copies
Paper paths	Rear, Bottom, Front
Tractor	Push, Pull
Paper parking	Available
Buffer size	96KB or 0KB
Interface	Bi-directional 8-bit Parallel (IEEE-1284 nibble mode supported), USB(ver. 1.1) I/F, Type B Optional Interface Slot
Fonts (typefaces)	EPSON Draft, EPSON Roman, EPSON Sans Serif
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Nonprintable area	4.2 mm at the top and bottom of single sheets

Options (with model numbers)

Cut-sheet feeders	C80637* (Single-bin), C80638* (High-capacity)
Tractor	C80020* (Pull)
Roll-paper holder	#8310
Front Paper Guide	C81402*
Front Sheet Guide	C81400*
Interfaces	C82305*, C82306*, C82307*, C82308*, C82312*, C82313*, C82314*, C82315*, C82345*, C82362*, C82363*, C82364*, C82384*, C82391*
Ribbon	#8750 (Fabric)

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

FX-880+ settings

Setting	Options
Page length for front tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Page length for rear tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Skip over perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d.
Software	ESC/P , IBM PPDS
0 slash	OFF , ON
I/F mode	Auto , Parallel, USB, Option
Auto I/F wait time	10 seconds , 30 seconds
Parallel I/F bidirectional mode	OFF, ON
Packet mode	Auto , OFF
Character table(Standard version)	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
Character table(NLSP version)	Italic, PC437 , PC850, PC437 Greek, PC853, PC855, PC852, PC857, PC866, PC869, MOZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PC AR864, PC860, PC865, PC861, PC863, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character setfor Italic table	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Manual feed wait time	1 seconds, 1.5 seconds , 2 seconds, 3 seconds
Buzzer	OFF, ON
Auto CR (IBM PPDS)*1	OFF , ON
IBM character table *1	Table2 , Table1

Note: Bold letters indicate the standard factory settings.

*1 This setting is effective when IBM PPDS emulation is selected.

LX-1170

Year introduced: 2001
Market: America, Europe, Pacific

Built-in features

Print method	9-pin impact
Speed	NLQ 56 cps @ 10 cpi 67 cps @ 12 cpi Draft 225 cps @ 10 cpi 270 cps @ 12 cpi High-speed draft 300 cps @ 10 cpi
Print width	13.6 inches
Paper types	Continuous, Single sheets, Envelopes, Labels, Roll Paper
Multipart forms	Original plus 4 copies
Paper paths	Rear, Bottom
Tractor	Push, Pull
Paper parking	Available
Buffer size	8KB or 0KB
Interface	Bi-directional 8-bit Parallel (IEEE-1284 nibble mode supported), Serial I/F
Fonts (typefaces)	EPSON Draft, EPSON Roman, EPSON Sans Serif
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Nonprintable area	4.2 mm at the top and bottom of single sheets

Options (with model numbers)

Cut-sheet feeders	C80639* (Single-bin)
Tractor	C80034* (Pull)
Roll-paper holder	#8310
Interfaces	C82378*
Ribbon	#8755 (Fabric)

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

LX-1170 settings

Setting	Options
Page length for tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Skip over perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d.
Software	ESC/P , IBM 2381 Plus
0 slash	OFF , ON
High speed draft	OFF, ON
I/F mode	Auto , Parallel, Serial
Auto I/F wait time	10 seconds , 30 seconds
Baud rate	19200BPS , 9600BPS, 4800BPS, 2400BPS, 1200BPS, 600BPS, 300BPS
Parity	None , Odd, Even, Ignore
Data length	8bit , 7bit
Parallel I/F bidirectional mode	OFF, ON
Packet mode	Auto , OFF
Character table(Standard version)	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCI, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
Character table(NLSP version)	Italic, PC437 , PC850, PC437 Greek, PC853, PC855, PC852, PC857, PC866, PC869, MOZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PC AR864, PC860, PC865, PC861, PC863, BRASCI, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character set for Italic table	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Manual feed wait time	1 seconds, 1.5 seconds , 2 seconds, 3 seconds
Buzzer	OFF, ON
Auto CR(IBM 2381 Plus) *1	OFF , ON
IBM character table *1	Table2 , Table1

Note: Bold letters indicate the standard factory settings.

*1 This setting is effective when IBM 2381 Plus emulation is selected.

FX-1180+

Year introduced: 2001
Market: America, Europe, Pacific

Built-in features

Print method	9-pin impact
Speed	NLQ 82 cps @ 10 cpi 99 cps @ 12 cpi Draft 330 cps @ 10 cpi 396 cps @ 12 cpi High-speed draft 440 cps @ 10 cpi Ultra high speed draft 494 cps @ 10 cpi
Print width	13.6 inches
Paper types	Continuous, Single sheets, Envelopes, Labels, Roll Paper
Multipart forms	Original plus 5 copies
Paper paths	Rear, Bottom, Front
Tractor	Push, Pull
Paper parking	Available
Buffer size	96KB or 0KB
Interface	Bi-directional 8-bit Parallel (IEEE-1284 nibble mode supported), USB(ver. 1.1) I/F, Type B Optional Interface Slot
Fonts (typefaces)	EPSON Draft, EPSON Roman, EPSON Sans Serif
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Nonprintable area	4.2 mm at the top and bottom of single sheets

Options (with model numbers)

Cut-sheet feeders	C80639* (Single-bin), C80640* (High-capacity)
Tractor	C80021* (Pull)
Roll-paper holder	#8310
Front Paper Guide	C81403*
Front sheet guide	C81401*
Interfaces	C82305*, C82306*, C82307*, C82308*, C82312*, C82313*, C82314*, C812315*, C82345*, C82362*, C82363*, C82364*, C82384*, C82391*
Ribbon	#8755 (Fabric)

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

FX-1180+ default-setting mode

This printer has no DIP switches; however, the following settings can be made in a special default- setting mode.

Setting	Options
Page length for front tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Page length for rear tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Skip over perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d.
Software	OFF , ON
0 slash	OFF , ON
I/F mode	Auto , Parallel, USB, Option
Auto I/F wait time	10 seconds , 30 seconds
Parallel I/F bidirectional mode	OFF , ON
Packet mode	Auto , OFF
Character table(Standard version)	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
Character table(NLSP version)	Italic, PC437 , PC850, PC437 Greek, PC853, PC855, PC852, PC857, PC866, PC869, MOZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PC AR864, PC860, PC865, PC861, PC863, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character setfor Italic table	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Manual feed wait time	1 seconds, 1.5 seconds , 2 seconds, 3 seconds
Buzzer	OFF , ON
Auto CR (IBM PPDS)*1	OFF , ON
IBM character table *1	Table2 , Table1

Note: Bold letters indicate the standard factory settings.

*1 This setting is effective when IBM PPDS emulation is selected.

ESC/P 2
LQ-300+

Year introduced: 2001
Market: America, Europe, Pacific

Built-in features

Print method	24-pin impact
Speed	LQ Condensed 128 cps @ 17 cpi 150 cps @ 20 cpi LQ 75 cps @ 10 cpi 90 cps @ 12 cpi 112 cps @ 15 cpi Draft Condensed 192 cps @ 17 cpi 225 cps @ 20 cpi Draft 225 cps @ 10 cpi 270 cps @ 12 cpi 337 cps @ 15 cpi High-speed draft 300 cpi @ 10 cpi
Print width	8 inches
Paper types	Continuous, Single sheets, Multipart forms, Envelopes, Labels, Roll paper
Multipart forms	Original plus 3 copies
Paper paths	Rear, Bottom In, Top Out
Tractors	Push, Pull
Paper parking	Available
Buffer size	0KB, 32KB
Interface	Bi-directional parallel (IEEE-P1284 nibble mode supported) Serial I/F
Fonts (typefaces)	Roman, Sans Serif, Courier, Prestige, Script, OCR B, Orator, Orator S, Script C, Roman T, Sans Serif H
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Nonprintable area	4.2 mm at the top and bottom of single sheets

Options (with model numbers)

Cut-sheet feeders	C80637*
Pull tractor unit	C80030*
Roll paper holder	#8310
Color upgrade kit	C83211*
Interfaces	C82378*
Ribbons	S015077(Color), #7753(Black)

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

LQ-300+ default-setting mode

This printer has no DIP switches; however, the following settings can be made in a special default-setting mode.

Setting	Options
Page length for tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Skip-over-perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d., Auto
Software	ESC/P2 , IBM 2390 Plus
0 slash	OFF , ON
High speed draft	OFF , ON
I/F mode	Auto , Parallel, Serial
Auto I/F wait time	10 seconds , 30 seconds
Baud rate	19200BPS , 9600BPS, 4800BPS, 2400BPS, 1200BPS, 600BPS, 300BPS
Parity	None , Odd, Even, Ignore
Data length	8bit , 7bit
Parallel I/F bidirectional mode	OFF, ON
Packet mode	Auto , OFF
Character table(STD version)	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCI, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
Character table(NLSP version)	Italic, PC437 , PC850, PC437 Greek, PC853, PC855, PC852, PC857, PC864, PC866, PC869, MAZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PCAR 864, PC860, PC865, PC861, PC863, BRASCI, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character set	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Pitch	10CPI , 12CPI, 15CPI, 17CPI, 20CPI, Proportional
Font *1	OCR-B, Orator, Orator-S, Script C, Roman T , Sans serif H
Auto CR(IBM2390Plus)	OFF , ON
A.G.M. (IBM2390Plus)	OFF , ON
Manual feed wait time	1 seconds, 1.5 seconds , 2 seconds, 3 seconds
Buzzer	OFF, ON
Roll paper	OFF , ON

Note: Bold letters indicate the standard factory settings.

*1 The selected Font (OCR-B, Orator, Orator-S, Script C, Roman T, Sans Serif H) is set to 'Others' on the control panel.

Draft, Draft Condensed, Roman, Sans Serif, Courier, Prestige and Script can be selected through the control panel only.

ESC/P 2
LQ-570e/580

Year introduced: 2000
Market: America, Europe, Pacific

Built-in features

Print method	24-pin impact
Speed	LQ Condensed 171 cps @ 17 cpi 200 cps @ 20 cpi LQ 100 cps @ 10 cpi 120 cps @ 12 cpi 150 cps @ 15 cpi Draft Condensed 257 cps @ 17 cpi 300 cps @ 20 cpi Draft 300 cps @ 10 cpi 360 cps @ 12 cpi 450 cps @ 15 cpi High-speed draft 400 cps @ 10 cpi
Print width	8 inches
Paper types	Continuous, Single sheets, Multipart forms, Envelopes, Labels, Cards, Roll paper
Multipart forms	Original plus 5 copies
Paper paths	Front, Rear, Bottom
Tractors	Push, Pull
Paper parking	Available
Buffer size	64KB
Interface	Bi-directional parallel (IEEE-P1284 nibble mode supported) Type B I/F level 2 (optional)
Fonts (typefaces)	Draft, Roman, Sans Serif, Courier, Prestige, Script, OCR B, Orator, Orator S, Script C, Roman T, Sans Serif H
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Nonprintable area	4.2 mm at the top and bottom of single sheets

Options (with model numbers)

Cut-sheet feeders	C80637* (Bin1 or Bin2), C80638* (High-capacity)
Pull tractor unit	C80020*
Roll paper holder	#8310
Interfaces	C82305*, C82306*, C82307*, C82308*, C82312*, C82313*, C82314*, C82315*, C82345*, C82362*, C82363*, C82364*
Ribbons	#7753 (Cartridge), #7755 (Pack)

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

LQ-570e/580 default-setting mode

This printer has no DIP switches; however, the following settings can be made in a special default- setting mode.

Setting	Options
Page length for tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Skip over perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d., Auto
Software	ESC/P2 , IBM 2390 Plus
0 slash	OFF , ON
High speed draft	OFF , ON
I/F mode	Auto , Parallel, Option
Auto I/F wait time	10 seconds , 30 seconds
Parallel I/F bidirectional mode	OFF , ON
Packet mode	Auto , OFF
Auto CR(IBM 2390 Plus)	OFF , ON
A.G.M.(IBM 2390 Plus)	OFF , ON
Character table(Standard version)	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
Character table(NLSP version)	Italic, PC437 , PC850, PC437 Greek, PC853, PC855, PC852, PC857, PC864, PC866, PC869, MAZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PCAR 864, PC860, PC865, PC861, PC863, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character set for Italic table	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Font *1	OCR-B, Orator, Orator-S, Script C, Roman T , Sans serif H
Manual feed wait time	1 seconds, 1.5 seconds , 2 seconds, 3 seconds
Buzzer	OFF , ON
Roll paper	OFF , ON

Note: Bold letters indicate the standard factory settings.

*1 The selected Font (OCR-B, Orator, Orator-S, Script C, Roman T, Sans Serif H) is set to 'Others' on the control panel.

Draft, Draft Condensed, Roman, Sans Serif, Courier, Prestige and Script can be selected through the control panel only.

ESC/P 2
LQ-680Pro

Year introduced: 2000
Market: America, Europe, Pacific

Built-in features

Print method	24-pin impact
Speed	LQ Condensed 175 cps @ 17 cpi 206 cps @ 20 cpi LQ 103 cps @ 10 cpi 124 cps @ 12 cpi 155 cps @ 15 cpi Draft Condensed 264 cps @ 17 cpi 310 cps @ 20 cpi Draft 310 cps @ 10 cpi 372 cps @ 12 cpi 465 cps @ 15 cpi High-speed draft 413 cps @ 10 cpi
Print width	10.6 inches
Paper types	Continuous, Single sheets, Multipart forms, Envelopes, Labels, Cards, Roll paper
Multipart forms	Original plus 5 copies
Paper paths	Front, Rear
Tractors	Push
Paper parking	Available
Buffer size	64KB
Interface	Bi-directional parallel (IEEE-P1284 nibble mode supported) Type B I/F level 2 (optional)
Fonts (typefaces)	Draft, Roman, Sans Serif, Courier, Prestige, Script, OCR B, Orator, Orator S, Script C, Roman T, Sans Serif H
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Nonprintable area	0.0 mm at the top and bottom of single sheets

Options (with model numbers)

Cut-sheet feeders	C80679* (Bin2), C80687* (High-capacity Bin1)
Roll paper holder	#8310
Interfaces	C82305*, C82306*, C82307*, C82308*, C82312*, C82313*, C82314*, C82315*, C82345*, C82362*, C82363*, C82364*, C82384*
Ribbons	S015016

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

LQ-680Pro default-setting mode

This printer has no DIP switches; however, the following settings can be made in a special default- setting mode.

Setting	Options
Page length for tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Skip over perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d., Auto
Software	ESC/P2 , IBM 2390 Plus
0 slash	OFF , ON
High speed draft	OFF , ON
I/F mode	Auto , Parallel, Option
Auto I/F wait time	10 seconds , 30 seconds
Parallel I/F bidirectional mode	OFF , ON
Packet mode	Auto , OFF
Auto CR(IBM 2390 Plus)	OFF , ON
A.G.M.(IBM 2390 Plus)	OFF , ON
Character table(Standard version)	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
Character table(NLSP version)	Italic, PC437 , PC850, PC437 Greek, PC853, PC855, PC852, PC857, PC864, PC866, PC869, MAZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PCAR 864, PC860, PC865, PC861, PC863, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character set for Italic table	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Font *1	OCR-B, Orator, Orator-S, Script C, Roman T , Sans serif H
Manual feed wait time	0.5 seconds, 1 seconds , 1.5 seconds, 2 seconds
Buzzer	OFF , ON

Note: Bold letters indicate the standard factory settings.

*1 The selected Font (OCR-B, Orator, Orator-S, Script C, Roman T, Sans Serif H) is set to 'Others' on the control panel.

Draft, Draft Condensed, Roman, Sans Serif, Courier, Prestige and Script can be selected through the control panel only.

Built-in features

Print method	24-pin impact		
Speed	LQ Condensed	142 cps @ 17 cpi	166 cps @ 20 cpi
	LQ	83 cps @ 10 cpi	100 cps @ 12 cpi
	Draft Condensed	214 cps @ 17 cpi	250 cps @ 20 cpi
	Draft	250 cps @ 10 cpi	300 cps @ 12 cpi
	High-speed draft	300 cpi @ 10 cpi	375 cps @ 15 cpi
Print width	13.6 inches		
Paper types	Continuous, Single sheets, Multipart forms, Envelopes, Labels, Roll paper		
Multipart forms	Original plus 3 copies		
Paper paths	Rear, Bottom In, Top Out		
Tractors	Push, Pull		
Paper parking	Available		
Buffer size	0KB, 32KB		
Interface	Bi-directional parallel (IEEE-P1284 nibble mode supported) Serial I/F		
Fonts (typefaces)	Roman, Sans Serif, Courier, Prestige, Script, OCR B, Orator, Orator S, Script C, Roman T, Sans Serif H		
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET		
Nonprintable area	4.2 mm at the top and bottom of single sheets		

Options (with model numbers)

Cut-sheet feeders	C80639*
Pull tractor unit	C80034*
Roll paper holder	#8310
Interfaces	C82378*
Ribbons	#7754

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

LQ-1150 default-setting mode

This printer has no DIP switches; however, the following settings can be made in a special default-setting mode.

Setting	Options
Page length for tractor	3inch, 3.5inch, 3.66inch, 4inch, 4.5inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch
Skip-over-perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d., Auto
Software	ESC/P2 , IBM PPDS
0 slash	OFF , ON
High speed draft	OFF, ON
I/F mode	Auto , Parallel, Serial
Auto I/F wait time	10 seconds , 30 seconds
Baud rate	19200BPS , 9600BPS, 4800BPS, 2400BPS, 1200BPS, 600BPS, 300BPS
Parity	None , Odd, Even, Ignore
Data length	8bit , 7bit
Parallel I/F bidirectional mode	OFF, ON
Packet mode	Auto , OFF
Character table	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
International character set	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Font *1	OCR-B, Orator, Orator-S, Script C, Roman T , Sans serif H
Auto CR(IBM PPDS)	OFF , ON
A.G.M. (IBM PPDS)	OFF , ON
Manual feed wait time	1 seconds, 1.5 seconds , 2 seconds, 3 seconds
Buzzer	OFF, ON
Roll paper	OFF , ON

Note: Bold letters indicate the standard factory settings.

*1 The selected Font (OCR-B, Orator, Orator-S, Script C, Roman T, Sans Serif H) is set to 'Others' on the control panel.

Draft, Draft Condensed, Roman, Sans Serif, Courier, Prestige and Script can be selected through the control panel only.

ESC/P 2
DLQ-3500

Year introduced: 2001
Market: America, Europe, Pacific

Built-in features

Print method	24-pin impact
Speed	LQ Condensed 282 cps @ 17 cpi 330 cps @ 20 cpi LQ 165 cps @ 10 cpi 198 cps @ 12 cpi 247 cps @ 15 cpi Draft Condensed 424 cps @ 17 cpi 495 cps @ 20 cpi Draft 495 cps @ 10 cpi 594 cps @ 12 cpi 742 cps @ 15 cpi High-speed draft 550 cps @ 10 cpi
Print width	13.6 inches
Paper types	Continuous, Single sheets, Multipart forms, Envelopes, Labels, Cards, Overlapping multi-part forms
Multipart forms	Original plus 7 copies
Paper paths	Front, Rear
Tractors	Push
Paper parking	Available
Buffer size	128KB
Interface	Bi-directional parallel (IEEE-P1284 nibble mode supported) USB(ver. 1.1) I/F, Type B I/F level 2 (optional)
Fonts (typefaces)	Draft, Roman, Sans Serif, Courier, Prestige, Script, OCR B, Orator, Orator S, Script C, Roman T, Sans Serif H
Bar codes	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, POSTNET
Nonprintable area	0.0 mm at the top and bottom of single sheets

Options (with model numbers)

Cut-sheet feeders	C806830
Automatic sheet alignment unit	C806882
Interfaces	C82305*, C82306*, C82307*, C82308*, C82312*, C82313*, C82314*, C82315*, C82345*, C82362*, C82363*, C82364*, C82384*, C82391*
Ribbons	S015139(Black), S015066(Black), S015067(Color)

* The asterisk represents the last digit of the printer's option/accessory model number which varies by country.

DLQ-3500 default-setting mode

This printer has no DIP switches; however, the following settings can be made in a special default- setting mode.

Setting	Options
Page length for tractor	3inch, 3.5inch, 4inch, 5.5inch, 6inch, 7inch, 8inch, 8.5inch, 11inch , 70/6inch, 12inch, 14inch, 17inch
Skip over perforation	OFF , ON
Auto tear off	OFF , ON
Auto line feed	OFF , ON
Print direction	Bi-d. , Uni-d., Auto
Software	ESC/P2 , IBM PPDS
0 slash	OFF , ON
High speed draft	OFF , ON
I/F mode	Auto , Parallel, Option
Auto I/F wait time	10 seconds , 30 seconds
Parallel I/F bidirectional mode	OFF, ON
Packet mode	Auto , OFF
Auto CR(IBM PPDS)	OFF , ON
A.G.M.(IBM PPDS)	OFF , ON
Character table(Standard version)	Italic, PC437 , PC850, PC860, PC863, PC865, PC861, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO 8859-15
Character table(NLSP version)	Italic, PC437 , PC850, PC437 Greek, PC853, PC855, PC852, PC857, PC864, PC866, PC869, MAZOWIA, Code MJK, ISO 8859-7, ISO Latin 1T, Bulgaria, PC 774, Estonia, ISO 8859-2, PC 866 LAT., PC 866UKR, PC APTEC, PC708, PC720, PCAR 864, PC860, PC865, PC861, PC863, BRASCII, Abicomp, Roman8, ISO Latin 1, PC858, ISO8859-15, PC 771
International character set for Italic table	Italic U.S.A. , Italic France, Italic Germany, Italic, U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1
Font *1	OCR-B, Orator, Orator-S, Script C, Roman T , Sans serif H
Manual feed wait time	0.5 seconds, 1 seconds , 1.5 seconds, 2 seconds
Buzzer	OFF, ON
Overlapping Forms	OFF , ON

Note: Bold letters indicate the standard factory settings.

*1 The selected Font (OCR-B, Orator, Orator-S, Script C, Roman T, Sans Serif H) is set to 'Others' on the control panel.

Draft, Draft Condensed, Roman, Sans Serif, Courier, Prestige and Script can be selected through the control panel only.

Table 1
SIDM ESC/P2 Command Summary for 24-Pin Printers

Command	Description	2000				2001				
		S	N	S	N	S	N	S	S	N
		LQ-580	LQ-570e	LQ-680Pro	LQ-680Pro	LQ-300+	LQ-300+	LQ-1150	DLQ-3500	DLQ-3500
BEL	Beeper									
BS	Backspace									
HT	Tab horizontally	✓	✓	✓	✓	✓	✓	✓	✓	✓
LF	Line feed	✓	✓	✓	✓	✓	✓	✓	✓	✓
VT	Tab vertically	✓	✓	✓	✓	✓	✓	✓	✓	✓
FF	Form feed	✓	✓	✓	✓	✓	✓	✓	✓	✓
CR	Carriage return	✓	✓	✓	✓	✓	✓	✓	✓	✓
SO	Select double-width printing (one line)	✓	✓	✓	✓	✓	✓	✓	✓	✓
SI	Select condensed printing	✓	✓	✓	✓	✓	✓	✓	✓	✓
DC1	Select printer									
DC2	Cancel condensed printing	✓	✓	✓	✓	✓	✓	✓	✓	✓
DC3	Deselect printer									
DC4	Cancel double-width printing (one line)	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAN	Cancel line									
ESC SO	Select double-width printing (one line)									
ESC SI	Select condensed printing									
ESC EM	Control paper loading/ejecting	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0 Exit cut-sheet feeder mode									
	1 Select bin 1	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2 Select bin 2	✓	✓	✓	✓					
	4 Select cut-sheet feeder mode									
	B Load paper from rear tractor									
	F Load paper from front tractor									
	R Eject a sheet of paper	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC Space	Set intercharacter space	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC !	Master select	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC #	Cancel MSB control									
ESC	EEPROM write, etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC \$	Set absolute horizontal position	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC %	Select user-defined characters	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC &	Define user-defined characters	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC (-	Select line/score	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC (B	Bar Code setup and print	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC (C	Set page length in defined unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC (G	Select graphics mode									
ESC (U	Set unit	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC (V	Set absolute vertical print position	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC (c	Set page format	✓	✓	✓	✓	✓	✓	✓	✓	✓

ESC/P2										
Command	Description	2000				2001				
		S	N	S	N	S	N	S	S	N
		LQ-580	LQ-570e	LQ-680Pro	LQ-680Pro	LQ-300+	LQ-300+	LQ-1150	DLQ-3500	DLQ-3500
ESC (i	Select MicroWeave									
ESC (t	Assign character table	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0 0 Italic	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1 0 PC437 (US)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1 16 PC437 (Greek)		✓		✓		✓			✓
	2 0 PC932 (Japanese)									
	3 0 PC850 (Multilingual)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4 0 PC851 (Greek)									
	5 0 PC853 (Turkish)		✓		✓		✓			✓
	6 0 PC855 (Cyrillic)		✓		✓		✓			✓
	7 0 PC860 (Portuguese)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8 0 PC863 (Canadian-French)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9 0 PC865 (Nordic)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10 0 PC852 (Eastern Europe)		✓		✓		✓			✓
	11 0 PC857 (Turkish)		✓		✓		✓			✓
	12 0 PC862 (Hebrew)									
	13 0 PC864 (Arabic)		✓		✓		✓			✓
	13 32 PC AR864		✓		✓		✓			✓
	14 0 PC866 (Russian)		✓		✓		✓			✓
	14 16 (Bulgarian ASCII****)									
	14 32 PC866 LAT. (Latvian)		✓		✓		✓			✓
	14 48 PC866 UKR (Ukraina)		✓		✓		✓			✓
	15 0 PC869 (Greek)		✓		✓		✓			✓
	16 0 USSR GOST (Russian)									
	17 0 ECMA-94-1									
	18 0 KU 42 (K.U.) (Thai)									
	19 0 TIS 11 (ISO-988) (Thai)									
	20 0 TIS 18 (GENERAL) (Thai)									
	21 0 TIS 17 (SIC STD.) (Thai)									
	22 0 TIS 13 (IBM STD.) (Thai)									
	23 0 TIS 16 (SIC OLD) (Thai)									
	24 0 PC 861 (Icelandic)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	25 0 BRASCII (Braz Portuguese)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	26 0 Abicomp (Braz Portuguese)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	27 0 MAZOWIA (Poland)		✓		✓		✓			✓
	28 0 Code MJK (CSFR)		✓		✓		✓			✓
	29 7 ISO 8859-7 (Latin/Greek)		✓		✓		✓			✓
	29 15 ISO 8859-15	✓	✓	✓	✓	✓	✓	✓	✓	✓

ESC/P2										
Command	S: Standard mode N: NLSP model	2000				2001				
		S	N	S	N	S	N	S	S	N
	Description	LQ-580	LQ-570e	LQ-680Pro	LQ-680Pro	LQ-300+	LQ-300+	LQ-1150	DLQ-3500	DLQ-3500
	29 16 ISO 8859-1 (Latin 1)									
	30 0 TSM (Thai sys. manager)									
	31 0 ISO Latin 1 T (Turkish)		✓		✓		✓			✓
	32 0 Bulgaria		✓		✓		✓			✓
	33 0 Hebrew 7									
	34 0 Hebrew 8									
	35 0 Roman 8	✓	✓	✓	✓	✓	✓	✓	✓	✓
	36 0 PC774 (Lithuania)		✓		✓		✓			✓
	37 0 Estonia (Estonia)		✓		✓		✓			✓
	38 0 ISCII									
	39 0 PC-ISCII									
	40 0 PC APTEC		✓		✓		✓			✓
	41 0 PC708		✓		✓		✓			✓
	42 0 PC720		✓		✓		✓			✓
	44 0 PC858	✓	✓	✓	✓	✓	✓	✓	✓	✓
	45 0 PC771		✓		✓		✓			✓
	112 0 OCR-B									
	127 1 ISO Latin 1	✓	✓	✓	✓	✓	✓	✓	✓	✓
	127 2 ISO 8859-2 (ISO Latin 2)		✓		✓		✓			✓
	127 7 ISO Latin 7 (Greek)									
ESC (v	Set relative vertical print position	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC (^	Print data as characters	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC ^	9 pin bit image									
ESC *	Select bit image	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6	✓	✓	✓	✓	✓	✓	✓	✓	✓
	32	✓	✓	✓	✓	✓	✓	✓	✓	✓
	33	✓	✓	✓	✓	✓	✓	✓	✓	✓
	38	✓	✓	✓	✓	✓	✓	✓	✓	✓
	39	✓	✓	✓	✓	✓	✓	✓	✓	✓
	40	✓	✓	✓	✓	✓	✓	✓	✓	✓
	71									
	72									
	73									
ESC +	Set n/360-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC -	Turn underline on/off	✓	✓	✓	✓	✓	✓	✓	✓	✓

ESC/P2										
Command	Description	2000				2001				
		S	N	S	N	S	N	S	S	N
	S: Standard model N: NLSP model	LQ-580	LQ-570e	LQ-680Pro	LQ-680Pro	LQ-300+	LQ-300+	LQ-1150	DLQ-3500	DLQ-3500
ESC .	Print raster graphics									
	0 Print uncompressed raster graphics									
	1 Enter RLE compression									
	2 Enter TIFF compression**									
ESC /	Select vertical tab channel									
ESC 0	Select 1/8-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC 1										
ESC 2	Select 1/6-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC 3	Set n/180-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC 4	Select italic font	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC 5	Cancel italic font	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC 6	Enable printing of upper control codes	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC 7	Enable upper control codes	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC 8	Disable paper-out sensor									
ESC 9	Enable paper-out sensor									
ESC :	Copy ROM to RAM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0 Roman	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1 Sans Serif	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2 Courier	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3 Prestige	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4 Script	✓	✓	✓	✓	✓	✓	✓	✓	✓
	5 OCR-B	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6 OCR-A									
	7 Orator	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8 Orator-S	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9 Script C	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10 Roman T	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11 Sans Serif H	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC <	Unidirectional mode (one line)									
ESC =	Set MSB to 0									
ESC >	Set MSB to 1									
ESC ?	Reassign bit-image mode									
	0									
	1									
	2									
	3									
	4									
	6									
	32									

ESC/P2										
		2000				2001				
	S: Standard model N: NLSP model	S	N	S	N	S	N	S	S	N
Command	Description	LQ-580	LQ-570e	LQ-680Pro	LQ-680Pro	LQ-300+	LQ-300+	LQ-1150	DLQ-3500	DLQ-3500
	33									
	38									
	39									
	40									
	71									
	72									
	73									
ESC @	Initialize printer	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC A	Set n/60-inch line spacing									
ESC B	Set vertical tabs	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC C	Set page length in lines	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC C0	Set page length in inches	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC D	Set horizontal tabs	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC E	Select bold font	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC F	Cancel bold font	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC G	Select double-strike printing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC H	Cancel double-strike printing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC I	Control code selection	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC J	Advance print position	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC K	Select 60-dpi graphics									
ESC L	Select 120-dpi graphics									
ESC M	Select 10.5-point, 12-cpi	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC N	Set bottom margin	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC O	Cancel bottom margin	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC P	Select 10.5-point, 10-cpi	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC Q	Set right margin	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC R	Select an international character set	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0 USA	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1 France	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2 Germany	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3 United Kingdom	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4 Denmark I	✓	✓	✓	✓	✓	✓	✓	✓	✓
	5 Sweden	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6 Italy	✓	✓	✓	✓	✓	✓	✓	✓	✓
	7 Spain I	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8 Japan (English)	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9 Norway	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10 Denmark II	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11 Spain II	✓	✓	✓	✓	✓	✓	✓	✓	✓

ESC/P2										
		2000				2001				
	S: Standard mode N: NLSP model	S	N	S	N	S	N	S	S	N
Command	Description	LQ-580	LQ-570e	LQ-680Pro	LQ-680Pro	LQ-300+	LQ-300+	LQ-1150	DLQ-3500	DLQ-3500
	12 Latin America	✓	✓	✓	✓	✓	✓	✓	✓	✓
	13 Korea	✓	✓	✓	✓	✓	✓	✓	✓	✓
	64 Legal	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC S	Select superscript/subscript printing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC T	Cancel superscript/subscript printing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC U	Turn unidirectional mode on/off	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC W	Turn double-width printing on/off	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC X	Select font by pitch and point	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC Y	Select 120-dpi, double-speed graphics									
ESC Z	Select 240-dpi graphics									
ESC \	Set relative horizontal print position	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC a	Select justification									
ESC b	Set vertical tabs in VFU channels									
ESC c	Set horizontal motion index (HMI)	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC g	Select 10.5-point, 15-cpi printing	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC k	Select typeface	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0 Roman	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1 Sans serif	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2 Courier	✓	✓	✓	✓	✓	✓	✓	✓	✓
	3 Prestige	✓	✓	✓	✓	✓	✓	✓	✓	✓
	4 Script	✓	✓	✓	✓	✓	✓	✓	✓	✓
	5 OCR-B	✓	✓	✓	✓	✓	✓	✓	✓	✓
	6 OCR-A									
	7 Orator	✓	✓	✓	✓	✓	✓	✓	✓	✓
	8 Orator-S	✓	✓	✓	✓	✓	✓	✓	✓	✓
	9 Script C	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10 Roman T	✓	✓	✓	✓	✓	✓	✓	✓	✓
	11 Sans Serif H	✓	✓	✓	✓	✓	✓	✓	✓	✓
	30 SV Busaba									
	31 SV Jiffra									
ESC l	Set left margin	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC p	Turn proportional mode on/off	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC q	Select character style	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC r	Select printing color	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC s	Select low-speed mode									
ESC t	Select character table	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0 Table 0 Italic	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1 Table 1 Graphics	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2 Table 2 User-defined	✓	✓	✓	✓	✓	✓	✓	✓	✓

ESC/P2										
		2000				2001				
	S: Standard model N: NLSP model	S	N	S	N	S	N	S	S	N
Command	Description	LQ-580	LQ-570e	LQ-680Pro	LQ-680Pro	LQ-300+	LQ-300+	LQ-1150	DLQ-3500	DLQ-3500
	3 Table 3	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC w	Turn double-height printing on/off	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC x	Select letter quality or draft	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESC y	Select Draft / Super Draft	✓	✓	✓	✓	✓	✓	✓	✓	✓
DEL	Delete last character in buffer									

Table 1
SIDM ESC/P2 Command Summary for 9-Pin Printers

ESC/P2									
		2000		2001					
	S: Standard model N: NLSP model	S	N	S	N	S	N	S	N
Command	Description	LX-300+	LX-300+	LX-1170	LX-1170	FX-880+	FX-880+	FX-1180+	FX-1180+
BEL	Beeper								
BS	Backspace								
HT	Tab horizontally	✓	✓	✓	✓	✓	✓	✓	✓
LF	Line feed	✓	✓	✓	✓	✓	✓	✓	✓
VT	Tab vertically	✓	✓	✓	✓	✓	✓	✓	✓
FF	Form feed	✓	✓	✓	✓	✓	✓	✓	✓
CR	Carriage return	✓	✓	✓	✓	✓	✓	✓	✓
SO	Select double-width printing (one line)	✓	✓	✓	✓	✓	✓	✓	✓
SI	Select condensed printing	✓	✓	✓	✓	✓	✓	✓	✓
DC1	Select printer								
DC2	Cancel condensed printing	✓	✓	✓	✓	✓	✓	✓	✓
DC3	Deselect printer								
DC4	Cancel double-width printing (one line)	✓	✓	✓	✓	✓	✓	✓	✓
CAN	Cancel line								
ESC SO	Select double-width printing (one line)								
ESC SI	Select condensed printing								
ESC EM	Control paper loading/ejecting	✓	✓	✓	✓	✓	✓	✓	✓
	0 Exit cut-sheet feeder mode								
	1 Select bin 1	✓	✓	✓	✓	✓	✓	✓	✓
	2 Select bin 2					✓	✓	✓	✓
	4 Select cut-sheet feeder mode								
	B Load paper from rear tractor								
	F Load paper from front tractor								
	R Eject a sheet of paper	✓	✓	✓	✓	✓	✓	✓	✓
ESC Space	Set intercharacter space	✓	✓	✓	✓	✓	✓	✓	✓
ESC !	Master select	✓	✓	✓	✓	✓	✓	✓	✓
ESC #	Cancel MSB control								
ESC \$	Set absolute horizontal position	✓	✓	✓	✓	✓	✓	✓	✓
ESC ¥	Horizontal print position	✓	✓	✓	✓	✓	✓	✓	✓
ESC %	Select user-defined characters	✓	✓	✓	✓	✓	✓	✓	✓
ESC &	Define user-defined characters	✓	✓	✓	✓	✓	✓	✓	✓
ESC	EEPROM write, etc.	✓	✓	✓	✓	✓	✓	✓	✓
ESC (B	Bar Code setup and print	✓	✓	✓	✓	✓	✓	✓	✓
ESC (C	Page length	✓	✓	✓	✓	✓	✓	✓	✓
ESC (c	Top/bottom margin	✓	✓	✓	✓	✓	✓	✓	✓
ESC (t	Assign character table	✓	✓	✓	✓	✓	✓	✓	✓
	0 0 Italic	✓	✓	✓	✓	✓	✓	✓	✓
	1 0 PC437 (US)	✓	✓	✓	✓	✓	✓	✓	✓

ESC/P2									
Command	Description	2000		2001					
		S	N	S	N	S	N	S	N
	S: Standard model N: NLSP model	LX-300+	LX-300+	LX-1170	LX-1170	FX-880+	FX-880+	FX-1180+	FX-1180+
1 16	PC437 (Greek)		✓		✓		✓		✓
2 0	PC932 (Japanese)								
3 0	PC850 (Multilingual)	✓	✓	✓	✓	✓	✓	✓	✓
4 0	PC851 (Greek)								
5 0	PC853 (Turkish)		✓		✓		✓		✓
6 0	PC855 (Cyrillic)		✓		✓		✓		✓
7 0	PC860 (Portuguese)	✓	✓	✓	✓	✓	✓	✓	✓
8 0	PC863 (Canadian-French)	✓	✓	✓	✓	✓	✓	✓	✓
9 0	PC865 (Norwegian)	✓	✓	✓	✓	✓	✓	✓	✓
10 0	PC852 (Eastern Europe)		✓		✓		✓		✓
11 0	PC857 (Turkish)		✓		✓		✓		✓
12 0	PC862 (Hebrew)								
13 0	PC864 (Arabic)								
13 32	PC AR864		✓		✓		✓		✓
14 0	PC866 (Russian)		✓		✓		✓		✓
14 16	(Bulgarian ASCII****)								
14 32	PC866 LAT. (Latvian)		✓		✓		✓		✓
15 0	PC869 (Greek)		✓		✓		✓		✓
15 48	PC866 UKR (Ukrania)		✓		✓		✓		✓
17 0	ECMA-94-1								
18 0	KU 42 (K.U.) (Thai)								
19 0	TIS 11 (ISO-988) (Thai)								
20 0	TIS 18 (GENERAL) (Thai)								
21 0	TIS 17 (SIC STD.) (Thai)								
22 0	TIS 13 (IBM STD.) (Thai)								
23 0	TIS 16 (SIC OLD) (Thai)								
24 0	PC 861 (Icelandic)	✓	✓	✓	✓	✓	✓	✓	✓
25 0	BRASCI (Braz Portuguese)	✓	✓	✓	✓	✓	✓	✓	✓
26 0	Abicomp (Braz Portuguese)	✓	✓	✓	✓	✓	✓	✓	✓
27 0	MAZOWIA (Poland)		✓		✓		✓		✓
28 0	Code MJK (CSFR)		✓		✓		✓		✓
29 7	ISO 8859-7 (Latin/Greek)		✓		✓		✓		✓
29 15	ISO 8859-15	✓	✓	✓	✓	✓	✓	✓	✓
29 16	ISO 8859-1 (Latin 1)								
30 0	TSM (Thai sys. manager)								
31 0	ISO Latin 1 T (Turkish)		✓		✓		✓		✓
32 0	Bulgaria		✓		✓		✓		✓
33 0	Hebrew 7								
34 0	Hebrew 8								

ESC/P2									
		2000		2001					
S: Standard model N: NLSP model		S	N	S	N	S	N	S	N
Command	Description	LX-300+	LX-300+	LX-1170	LX-1170	FX-880+	FX-880+	FX-1180+	FX-1180+
	35 0 Roman 8	✓	✓	✓	✓	✓	✓	✓	✓
	36 0 PC774(LST 1283:1993)		✓		✓		✓		✓
	37 0 Estonia (Estonia)		✓		✓		✓		✓
	38 0 ISCII								
	39 0 PC-ISCII								
	40 0 PC APTEC (Arabic)		✓		✓		✓		✓
	41 0 PC708 (Arabic)		✓		✓		✓		✓
	42 0 PC720 (Arabic)		✓		✓		✓		✓
	44 0 PC858	✓	✓	✓	✓	✓	✓	✓	✓
	45 0 PC771		✓		✓		✓		✓
	112 0 OCR-B								
	127 1 ISO Latin 1	✓	✓	✓	✓	✓	✓	✓	✓
	127 2 ISO 8859-2 (ISO Latin 2)		✓		✓		✓		✓
	127 7 ISO Latin 7 (Greek)								
ESC (U	Define unit	✓	✓	✓	✓	✓	✓	✓	✓
ESC *	Select bit image	✓	✓	✓	✓	✓	✓	✓	✓
	0	✓	✓	✓	✓	✓	✓	✓	✓
	1	✓	✓	✓	✓	✓	✓	✓	✓
	2	✓	✓	✓	✓	✓	✓	✓	✓
	3	✓	✓	✓	✓	✓	✓	✓	✓
	4	✓	✓	✓	✓	✓	✓	✓	✓
	5	✓	✓	✓	✓	✓	✓	✓	✓
	6	✓	✓	✓	✓	✓	✓	✓	✓
	7	✓	✓	✓	✓	✓	✓	✓	✓
ESC -	Turn underline on/off	✓	✓	✓	✓	✓	✓	✓	✓
ESC /	Select vertical tab channel								
ESC 0	Select 1/8-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓
ESC 1	Select 7/72-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓
ESC 2	Select 1/6-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓
ESC 3	Set n/216-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓
ESC 4	Select italic font	✓	✓	✓	✓	✓	✓	✓	✓
ESC 5	Cancel italic font	✓	✓	✓	✓	✓	✓	✓	✓
ESC 6	Enable printing of upper control codes	✓	✓	✓	✓	✓	✓	✓	✓
ESC 7	Enable upper control codes	✓	✓	✓	✓	✓	✓	✓	✓
ESC 8	Disable paper-out sensor								
ESC 9	Enable paper-out sensor								
ESC :	Copy ROM to RAM	✓	✓	✓	✓	✓	✓	✓	✓
	0 Roman	✓	✓	✓	✓	✓	✓	✓	✓
	1 Sans serif	✓	✓	✓	✓	✓	✓	✓	✓

ESC/P2									
		2000		2001					
S: Standard model N: NLSP model		S	N	S	N	S	N	S	N
Command	Description	LX-300+	LX-300+	LX-1170	LX-1170	FX-880+	FX-880+	FX-1180+	FX-1180+
ESC <	Unidirectional mode (one line)								
ESC =	Set MSB to 0								
ESC >	Set MSB to 1								
ESC ?	Reassign bit-image mode								
	0								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
ESC @	Initialize printer	✓	✓	✓	✓	✓	✓	✓	✓
ESC A	Set n/72-inch line spacing	✓	✓	✓	✓	✓	✓	✓	✓
ESC B	Set vertical tabs	✓	✓	✓	✓	✓	✓	✓	✓
ESC C	Set page length in lines	✓	✓	✓	✓	✓	✓	✓	✓
ESC C0	Set page length in inches	✓	✓	✓	✓	✓	✓	✓	✓
ESC D	Set horizontal tabs	✓	✓	✓	✓	✓	✓	✓	✓
ESC E	Select bold font	✓	✓	✓	✓	✓	✓	✓	✓
ESC F	Cancel bold font	✓	✓	✓	✓	✓	✓	✓	✓
ESC G	Select double-strike printing	✓	✓	✓	✓	✓	✓	✓	✓
ESC H	Cancel double-strike printing	✓	✓	✓	✓	✓	✓	✓	✓
ESC I	Select character/control codes	✓	✓	✓	✓	✓	✓	✓	✓
ESC J	Advance print position	✓	✓	✓	✓	✓	✓	✓	✓
ESC K	Select 60-dpi graphics	✓	✓	✓	✓	✓	✓	✓	✓
ESC L	Select 120-dpi graphics	✓	✓	✓	✓	✓	✓	✓	✓
ESC M	Select 12-cpi	✓	✓	✓	✓	✓	✓	✓	✓
ESC N	Set bottom margin	✓	✓	✓	✓	✓	✓	✓	✓
ESC O	Cancel bottom margin	✓	✓	✓	✓	✓	✓	✓	✓
ESC P	Select 10-cpi	✓	✓	✓	✓	✓	✓	✓	✓
ESC Q	Set right margin	✓	✓	✓	✓	✓	✓	✓	✓
ESC R	Select an international character set	✓	✓	✓	✓	✓	✓	✓	✓
	0 USA	✓	✓	✓	✓	✓	✓	✓	✓
	1 France	✓	✓	✓	✓	✓	✓	✓	✓
	2 Germany	✓	✓	✓	✓	✓	✓	✓	✓
	3 United Kingdom	✓	✓	✓	✓	✓	✓	✓	✓
	4 Denmark I	✓	✓	✓	✓	✓	✓	✓	✓
	5 Sweden	✓	✓	✓	✓	✓	✓	✓	✓
	6 Italy	✓	✓	✓	✓	✓	✓	✓	✓

ESC/P2									
		2000		2001					
S: Standard model N: NLSP model		S	N	S	N	S	N	S	N
Command	Description	LX-300+	LX-300+	LX-1170	LX-1170	FX-880+	FX-880+	FX-1180+	FX-1180+
	7 Spain I	✓	✓	✓	✓	✓	✓	✓	✓
	8 Japan (English)	✓	✓	✓	✓	✓	✓	✓	✓
	9 Norway	✓	✓	✓	✓	✓	✓	✓	✓
	10 Denmark II	✓	✓	✓	✓	✓	✓	✓	✓
	11 Spain II	✓	✓	✓	✓	✓	✓	✓	✓
	12 Latin America	✓	✓	✓	✓	✓	✓	✓	✓
ESC S	Select superscript/subscript printing	✓	✓	✓	✓	✓	✓	✓	✓
ESC T	Cancel superscript/subscript printing	✓	✓	✓	✓	✓	✓	✓	✓
ESC U	Turn unidirectional mode on/off	✓	✓	✓	✓	✓	✓	✓	✓
ESC W	Turn double-width printing on/off	✓	✓	✓	✓	✓	✓	✓	✓
ESC Y	Select 120-dpi, double-speed graphics	✓	✓	✓	✓	✓	✓	✓	✓
ESC Z	Select 240-dpi graphics	✓	✓	✓	✓	✓	✓	✓	✓
ESC \	Set relative horizontal print position								
ESC ^	60 or 120-dpi graphics	✓	✓	✓	✓	✓	✓	✓	✓
ESC a	Select justification								
ESC b	Set vertical tabs in VFU channels								
ESC e	Set fixed vertical tab increment								
ESC f	Horizontal/vertical skip								
ESC g	Select 15-cpi	✓	✓	✓	✓	✓	✓	✓	✓
ESC i	Select immediate print mode								
ESC j	Reverse paper feed								
ESC k	Select typeface	✓	✓	✓	✓	✓	✓	✓	✓
	0 Roman	✓	✓	✓	✓	✓	✓	✓	✓
	1 Sans serif	✓	✓	✓	✓	✓	✓	✓	✓
ESC l	Set left margin	✓	✓	✓	✓	✓	✓	✓	✓
ESC m	Select printing of upper control codes								
ESC p	Turn proportional mode on/off	✓	✓	✓	✓	✓	✓	✓	✓
ESC r	Select printing color	✓	✓						
ESC s	Select low-speed mode								
ESC t	Select character table	✓	✓	✓	✓	✓	✓	✓	✓
	0 Table 0 Italic	✓	✓	✓	✓	✓	✓	✓	✓
	1 Table 1 Graphics	✓	✓	✓	✓	✓	✓	✓	✓
ESC w	Turn double-height printing on/off	✓	✓	✓	✓	✓	✓	✓	✓
ESC x	Select near-letter quality or draft	✓	✓	✓	✓	✓	✓	✓	✓
ESC y	Typeface	✓	✓	✓	✓	✓	✓	✓	✓
DEL	Delete last character in buffer								