

Product Support Bulletin

Subject: Epson Dot - Matrix Printer Options and Accessories

Date: 8/11/89
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PSB No: P-1117B
Originator: RFA

9 - PIN DOT MATRIX OPTIONS

	<u>LX-810</u>	<u>FX-850</u>	<u>FX-1050</u>	<u>DFX-5000</u>
<u>TRACTOR UNITS</u>				
PULL TRACTOR	C800061	7311-A	7312-A	8309-A
<u>CUT SHEET FEEDERS</u>				
SINGLE BIN	C806121	7339-A	7340-A	N/A
DOUBLE BIN	N/A	7346-A	7348-A	N/A
<u>RIBBONS</u>				
STANDARD (BLACK)	8750	8750	8755	8786
<u>INTERFACE BOARDS</u>				
SERIAL - OK BUFFER	8143	8143	8143	8143
SERIAL - 8K BUFFER	8148	8148	8148	8148
PARALLEL - 32K BUFFER	8172	8172	8172	8172
IEEE 488 - 8K BUFFER	8165	8165	8165	8165
<u>CABLES</u>				
STANDARD IBM PARALLEL	C1-9E-A	C1-9E-A	C1-9E-A	C1-9E-A
SERIAL DB-25 TO DB-9	C94-9	C94-9	C94-9	C94-9
SERIAL DB-25 TO DB-25	C20-9	C20-9	C20-9	C20-9
<u>MISC. PRINTER ACCESSORIES</u>				
PRINTER STAND	CPD-552	CPD-552	KP - STAND	8501-A

(CONT.)

24 - PIN MATRIX OPTIONS

	<u>LQ-510</u>	<u>LQ-850</u>	<u>LQ-950</u>	<u>LQ-1050</u>	<u>LQ-2550</u>
<u>TRACTOR UNITS</u>					
PULL TRACTOR	C800061	7311-A	7313-A	7312-A	7314-A
<u>CUT SHEET FEEDERS</u>					
SINGLE BIN	C806121	7339-A	7345-A	7340-A	N/A
DOUBLE BIN	N/A	7346-A	7347-A	7348-A	7343-A
<u>RIBBONS</u>					
STANDARD (BLACK)	7753	7753	7767	7754	7762
STANDARD (COLOR)	N/A	N/A	N/A	N/A	7763
FILM (BLACK)	7768	7768	7769	7770	7764
<u>INTERFACE BOARDS</u>					
SERIAL - 0K BUFFER	8143	8143	8143	8143	8143
SERIAL - 8K BUFFER	8148	8148	8148	8148	8148
PARALLEL - 32K BUFFER	8172	8172	8172	8172	8172
IEEE 488 - 8K BUFFER	8165	8165	8165	8165	8165
<u>CABLES</u>					
STANDARD IBM PARALLEL	C1-9E-A	C1-9E-A	C1-9E-A	C1-9E-A	C1-9E-A
SERIAL DB-25 TO DB-9	C94-9	C94-9	C94-9	C94-9	C94-9
SERIAL DB-25 TO DB-25	C20-9	C20-9	C20-9	C20-9	C20-9
SERIAL DIN-6 TO DB-9	N/A	CA070	CA070	CA070	N/A
SERIAL DIN-6 TO DB-25	N/A	8297	8297	8297	N/A
APPLE][e, DB-25 TO DIN-6	N/A	8293	8293	8293	N/A
APPLE][c, DIN-6 TO DIN-5	N/A	8239	8239	8239	N/A
<u>FONT MODULES</u>					
COURIER	7400A	7400A	7400A	7400A	7400A
PRESTIGE	7401A	7401A	7401A	7401A	7401A
SCRIPT	7402A	7402A	7402A	7402A	7402A
OCR - B	7403A	7403A	7403A	7403A	7403A
MULTI	7407-A	7407-A	7407-A	7407-A	7407-A
<u>MISC. PRINTER ACCESSORIES</u>					
WINDOWS DRIVER SOFTWARE	DCB-LQ2	DCB-LQ2	DCB-LQ2	DCB-LQ2	DCB-LQ2
APPLE MAC LQ SOFTWARE	C842001	C842001	C842001	C842001	C842001
LQ PATCH SOFTWARE	LQ1	LQ1	LQ1	LQ1	LQ1
PRINTER STAND	CPD-552	CPD-552	KP - STAND	KP - STAND	KP - STAND

Product Support Bulletin

Subject: Power Specifications

Date: 2/7/90
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PSB No: P-0060
Originator: RFB

The following information is a list of the power requirements for the Epson 9 and 24 pin printers and laser printers.

Product	Voltage	Max. Current Consumption	Power Consumption	BTU/HR
Apex80	120V	.7 Amp	84 VA maximum	286.69
DFX5000	120V	5.0 Amp	600 VA maximum	2047.80
DFX5000	220V	3.0 Amp	660 VA maximum	2252.58
EPL6000	120V	6.0 Amp	720 VA maximum	2457.36
EX800/1000	120V	1.0 Amp	120 VA maximum	409.56
FX850/1050	120V	1.5 Amp	180 VA maximum	614.34
FX86e/286e	120V	1.0 Amp	120 VA maximum	409.56
GQ3500	120V	6.0 Amp	720 VA maximum	2457.36
L1000	120V	1.8 Amp	216 VA maximum	737.20
LQ500	120V	1.8 Amp	216 VA maximum	737.20
LQ510	120V	1.8 Amp	216 VA maximum	737.20
LQ1010	120V	1.8 Amp	220 VA maximum	750.86
LQ850/1050	120V	2.0 Amp	240 VA maximum	819.12
LQ2550	120V	4.2 Amp	504 VA maximum	1720.15
LX800	120V	.7 Amp	84 VA maximum	286.69

Product	Voltage	Max. Current Consumption	Power Consumption	BTU/HR
LX810	120V	.7 Amp	84 VA maximum	286.69
T750	120V	1.0 Amp	120 VA maximum	409.56
T1000	120V	.7 Amp	84 VA maximum	286.69

If the power requirements of a particular Epson printer is not listed please refer to the appropriate User's Manual for the electrical specifications. In the event that the User's Manual is not available, locate the silver label on the back of the Epson printer. This is a reliable source for the electrical requirements. The following formula is used to calculate the electrical power requirements:

VOLTAMPS is equivalent to WATTS

VOLTAMPS = Volts * Amps

AMPS = Voltamps/Volts

BTU/HR = Watts * 3.413

Example:

$120V * 1A = 120VA$

$120VA/120V = 1A$

120VA is equivalent to 120W

$120W * 3.413 = 409.56 \text{ BTU/HR}$

Heat output is rated in BTU/HR.

Product Support Bulletin

Subject: Quick Reference for Current Dot-Matrix Printer Print Speeds

Date: 10/9/92
Page(s): 1 of 1

PSB No: P-0030C
Originator: SLS

9-PIN PRINTERS

Draft Model 10 CPI	Draft 12 CPI	High-Speed Draft 10 CPI	NLQ 10 CPI	NLQ 12 CPI
AP-2250	200 CPS	240 CPS	n/a	40 CPS 48 CPS
LX-810	200 CPS	240 CPS	n/a	40 CPS 48 CPS
FX-870/1170	285 CPS	342 CPS	380 CPS	57 CPS 68 CPS
DFX-5000	400 CPS	480 CPS	533 CPS	80 CPS 96 CPS
DFX-8000	800 CPS	960 CPS	1066 CPS	160 CPS 192 CPS

24-PIN PRINTERS

Model	Draft 10 CPI	Draft 12 CPI	High-Speed Draft 10 CPI	LQ 10 CPI	LQ 12 CPI
AP-3250	167 CPS	200 CPS	n/a	60 CPS	72 CPS
LQ-570/1070	210 CPS	252 CPS	225 CPS	70 CPS	84 CPS
LQ-860	246 CPS	295 CPS	300 CPS	82 CPS	98 CPS
LQ-870/1170	275 CPS	330 CPS	300 CPS	92 CPS	110 CPS
LQ-2550	333 CPS 400 CPS		n/a	111 CPS	133 CPS

GLOSSARY OF TERMS

CPI: Characters Per Inch

CPS: Characters Per Second

Draft: Draft uses a minimum number of dots per character for high-speed printing.

Elite: 12 Characters Per Inch (12 CPI)

Pica: 10 Characters Per Inch (10 CPI)

LQ: Letter Quality reduces the print speed and increases the number of dots per character to increase the print quality. (24-pin printers only)

NLQ: Near Letter Quality reduces the print speed and increase the number of dots per character to increase the print quality. NLQ printing requires two passes per character. (9-pin printers only)

Product Support Bulletin

Subject: Quick Reference for 9/24 Pin Printer Paper Specifications

Date: 10/9/92
Page(s): 1 of 1

PSB No: P-0022D
Originator: SLS

This PSB provides a quick reference for the paper specifications on Epson's current line of 9-pin and 24-pin dot-matrix printers when using continuous paper. The 'Maximum No. of Copies' is the maximum allowable number of copies when using continuous multi-part carbonless paper. The "Total" number is the maximum allowable number of copies including the original. The 'Maximum Total Thickness' is the maximum allowable total thickness including the original plus any copies.

9-PIN PRINTERS

Model	Orig. + Maximum No. of Copies	Total	Maximum Total Thickness
AP-2250 .	1 2	3	0.0098" (0.25mm)
LX-810	1 2	3	0.0098" (0.25mm)
FX-870/1170	1 3	4	0.0126" (0.32mm)
DFX-5000 (Front Tractor)	1 5	6	0.018" (0.46mm)
(Rear Tractor)	1 3	4	0.012" (0.30mm)
DFX-8000 (Front Tractor)	1 5	6	0.018" (0.46mm)
(Rear Tractor)	1 3	4	0.012" (0.30mm)

24-PIN PRINTERS

Model	Orig. + Maximum No. of Copies	Total	Maximum Total Thickness
AP-3250 *	1 1	2	0.0071" (0.18mm)
LQ-570/1070	1 3	4	0.0126" (0.32mm)
LQ-860	1 3	4	0.0126" (0.32mm)
LQ-870/1170	1 3	4	0.0126" (0.32mm)
LQ-2550	1 5	6	0.018" (0.46mm)

* Note: The AP-2250 and AP-3250 require an optional push tractor to use continuous paper.

Product Support Bulletin

Subject: Quick Reference for Printer Acoustic Noise Levels

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PSB No: P-0016D
Originator: SLS

Sound intensity is measured in units called Bels (named after Alexander Graham Bell,) or more commonly in tenths of this fundamental unit: decibels. In making noise measurements a weighting network is applied in an attempt to match the frequency response of the instrument to that of the human ear. The most common is the A weighting network, with resulting measurements expressed in dB(A).

The following is a list of current product's noise levels tested in accordance with standards set by the International Standards Organization (ISO). The acoustic noise levels for the 9 pin printers are averages while printing in Near Letter Quality (NLQ) mode using continuous paper and are not guaranteed figures. The acoustic noise levels for the 24 pin printers are averages while printing in Letter Quality (LQ) mode using continuous paper and are not guaranteed figures. The acoustic noise levels for the laser printers are averages while using single sheet paper and are not guaranteed figures.

9 PIN PRINTERS

MODEL	NOISE LEVEL
LX-810	56 dB(A)
FX-850	56 dB(A)
FX-1050	56 dB(A)
DFX-5000	55 dB(A)
DFX-8000	55 dB(A)

24 PIN PRINTERS

MODEL	NOISE LEVEL
LQ-200	55 dB(A)
LQ-510	56 dB(A)
LQ-1010	56 dB(A)
LQ-850	56 dB(A)

MODEL	NOISE LEVEL
LQ-860	55 dB(A)
LQ-1050	55 dB(A)
LQ-2550	55 dB(A)

LASER PRINTERS

MODEL	NOISE LEVEL
EPL-7000	50 dB(A)
EPL-7500	50 dB(A)