

LQ-310

24-pin Dot Matrix Printer

ACCURATE

COMPACT

QUIET

HIGH PERFORMANCE

FAST



EPSON 24 PIN 80 COLUMNS NARROW CARRIAGE DOT MATRIX PRINTER

HANDLES UP TO 3 PART FORMS (1 ORIGINAL + 3 COPIES)

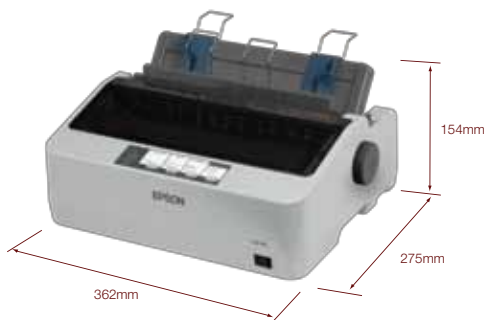
PRINTS UP TO 347 CHARACTERS PER SECOND

STANDARD USB, PARELLEL AND SERIAL INTERFACE

8 BUILT-IN BAR CODE FONTS

24 pin Dot Matrix Printer

LQ-310



PRINTER TYPE

MODEL	LQ-310
PRODUCT CODE	C11CC25311
PRINTING METHOD	Impact dot matrix
NUMBER OF PINS IN HEAD	24 pins
PRINT DIRECTION	Bi-directional with logic seeking

PRINT SPEED

HIGH SPEED DRAFT	10cpi	347 cps
	12cpi	416 cps
DRAFT	10cpi	260 cps
	12cpi	312 cps
	15cpi	390 cps
	17cpi (Condensed)	222 cps
	20cpi (Condensed)	260 cps
LQ	10cpi	86 cps
	12cpi	103 cps
	15cpi	129 cps
	17 cpi (Condensed)	147 cps
	20 cpi (Condensed)	172 cps

PRINT CHARACTERISTICS

CHARACTER SETS	15 international character sets, 13 character code tables (Standard) Italic, PC437, PC850, PC860, PC861, PC863, PC865, Abicomp, BRASCI, Roman 8, ISO Latin 1, PC858, ISO8859-15	
BIT MAP FONTS	Epson Draft	10, 12, 15 cpi
	Epson Roman	10, 12, 15 cpi, Proportional
	Epson Sans Serif	10, 12, 15 cpi, Proportional
	Epson Courier	10, 12, 15 cpi
	Epson Prestige	10, 12 cpi
	Epson Script	10cpi
	Epson Script C	Proportional
	Epson OCR-B	10cpi
	Epson Orator	10cpi
	Epson Orator-S	10cpi
SCALABLE FONTS	Epson Roman	10.5pt., 8 ~ 32pt. (Every 2 pt.)
	Epson Sans Serif	10.5pt., 8 ~ 32pt. (Every 2 pt.)
	Epson Roman T	10.5pt., 8 ~ 32pt. (Every 2 pt.)
	Epson Sans Serif H	10.5pt., 8 ~ 32pt. (Every 2 pt.)
BAR CODE FONTS	EAN-13, EAN- 8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, PostNet,	

PRINTABLE COLUMNS

PITCH	CHARACTER PER LINE (cpi)
10cpi	80 cpi
12cpi	96 cpi
15cpi	120 cpi
17cpi	137 cpi
20cpi	160 cpi

INPUT DATA BUFFER

128 KByte

INTERFACE

STANDARD Bi-directional parallel interface (IEEE 1284 nibble mode support), USB (ver 2.0 Full Speed)

RIBBON CARTRIDGE

STANDARD	Black
COLOR	Black
TYPE	Fabric ribbon cartridge
RIBBON LIFE	Approx. 2.5 million characters (LQ 10 cpi, 48 dots/character)

RELIABILITY

MVBF (Mean print volume between failure)	20 million lines (Except print head)
MTBF (Mean time between failure)	10,000 POH (25% Duty cycle)
PRINT HEAD LIFE	400 million strokes/wire

CONTROL PANEL

4 switches, 5 LEDs

ENVIRONMENTAL CONDITIONS (OPERATING)

TEMPERATURE	5 ~ 35°C
HUMIDITY	10~80%RH

ELECTRICAL SPECIFICATIONS

RATED VOLTAGE	AC 220V ~ 240V
RATED FREQUENCY	50 ~ 60Hz
POWER CONSUMPTION	Approx. 22W (ISO/IEC 10561 letter pattern) Approx. 1.3W in sleep mode, Approx. 0.5W in auto off mode Energy Star Compliant

DIMENSIONS

WIDTH x DEPTH x HEIGHT	362 x 275 x 154mm
WEIGHT	Approx. 4.1kg

PAPER HANDLING

PAPER PATH:	Manual Insertion	Rear in, Top out
	Tractor	Rear in, Top out
PAPER SIZE:		
Cut sheet (Single)	Width	100~257 mm (3.9 ~ 10.1")
	Length	100~364 mm (3.9 ~ 14.3")
	Thickness	0.65~0.14mm(0.0025~0.0055") Total
Cut sheet (Multi Part)	Width	100~257 mm (3.9 ~ 10.1")
	Length	100~364 mm (3.9 ~ 14.3")
	Thickness	0.12~0.32mm(0.0047~0.0126") Total
Envelope No.6	Width	165mm (6.5")
	Length	92mm (3.6")
	Thickness	0.16~0.52mm(0.0063~0.0205") Total
Envelope No.10	Width	241mm (9.5")
	Length	105mm (4.1")
	Thickness	0.16~0.52mm(0.0063~0.0205") Total
Continuous paper (Single/Multi Part)	Width	101.6~254 mm (4 ~ 10.0")
	Length (one page)	101.6~558.8mm (4 ~ 22.0")
	Thickness	0.065~0.32mm(0.0025~0.0126") Total
Roll paper	Width	216mm (8.5")
	Thickness	0.07~0.09(0.0028~0.0035")
PAPER FEEDING:	Standard	Friction, Push Tractor
	Optional	Roll Paper Holder
COPIES	Original + 3 Copies	
ACOUSTIC NOISE	Approx. 53dB (A)(ISO 7779 pattern)	
LINE SPACING	4.23mm(1/6") or programmable in increments of 0.118mm (1/216 inch)	

PRINTER DRIVER

OS	Microsoft® Windows® 2000/XP/Vista®/7
Utility	Epson Status Monitor 3 (Microsoft® Windows® 2000/XP/Vista®/7) Epson Printing Setting (Microsoft® Windows® 2000/XP/Vista®/7)


OPTIONS

Fabric Ribbon Cartridge (Black)	C13S015634
Roll Paper Holder	C12C811141

Cpi: Characters per 25.4mm (Characters per inch), Cps: Characters Per Second
POH: Power On Hours

WARRANTY SERVICE

1-year on-site warranty service

 The warranty service can be extended by purchasing Epson Coverplus Extended Warranty. For more information, please contact Epson sales enquiry hotline.

Damage attributable to non-genuine ribbon use may not be covered by Epson Product Warranty.



As an international ENERGY STAR Partner, Epson has determined that this product meets the international ENERGY STAR Program for energy efficiency.



"EPSON ESC/P2 stands for Epson standard code for printers Level 2. This second generation printer control language support scalable fonts as well as enhanced graphics capability. It also provides complete backwards compatibility with Epson's ESC/P, the standard printer language for dot matrix printing."

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