DOT MATRIX PRINTER
24-PIN NARROW CARRIAGE
LQ-310

EPSON
EXCEED YOUR VISION

YOUR FAST AND AFFORDABLE PRINTING SOLUTION.

Designed to do more with less, Epson LQ-310 offers fast-printing at a low cost. Compact and capable, Epson LQ-310 24-pin dot matrix printer features extraordinary speed, output quality and reliability. Epson's constant innovations in printing solutions, together with the use of our genuine ribbons, give you the most reliable and best performing printer in today's fast paced and demanding working environments.

Print

Cost Effective

Power Savings

Epson genuine ribbons ensure greater yield, better quality and longer lifespan.

QUALITY & VALUE
GENUINE SUPPLIES

IT'S IN THE DETAILS.

High Processing Speed
You can now enjoy high-speed processing time, with 128KB data buffer that will reduce waiting time.

Fast Print Speed
Maximize productivity with a fast print speed of up to 416 characters per second (12 cpi).

Long-life Reliability
With a Mean Time Between Failure (MTBF) rating of 10,000 POH (power on hours), it saves cost on electricity without compromising good quality printing.

MODEL NUMBER		LQ-310
Printing Technology		
Print Method		Impact dot matrix
Number of Pins in Head		24 pins
Print Direction		Bi-direction with logic seeking
Control Code		ESC/P2 and IBM PPDS emulation
Print Speed		
High Speed Draft	10 / 12 cpi	347 / 416 cps
Draft	10 / 12 / 15 cpi	260 / 312 / 390 cps
Draft Condensed	17 / 20 cpi	222 / 260 cps
LQ	10 / 12 / 15 cpi	86 / 103 / 129 cps
LQ Condensed	17 / 20 cpi	147 / 172 cps
Print Characteristics		
Character Sets		Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC863 (Canadian-French), PC865 (Nordic), Abicomp, BRASCII, Roman 8, ISO Latin 1, PC 858, ISO 8859-15
Bitmap Fonts		Epson Draft: 10, 12, 15 cpi; Epson Roman & San Serif: 10, 12, 15 cpi, Proportional; Epson Courier: 10, 12, 15 cpi; Epson Prestige: 10, 12 cpi; Epson Script, OCR-B, Orator & Orator-S: 10cpi; Epson Script C: Proportional
Scalable Fonts		Epson Roman, Epson San Serif, Epson Roman T & Epson San Serif H: 10.5pt., 8pt. - 32pt. (every 2pt.)
Barcode Fonts		EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet
Printable Columns		
Pitch	10 / 12 / 15 / 17 / 20 cpi	80 / 96 / 120 / 137 / 160 cpl
Paper Handling		
Paper Path	Tractor	Rear in, Top out
	Manual Insertion	Rear in, Top out

Paper Size	Length	Width	Thickness
Cut Sheet (Single Sheet)	100 ~ 364 mm (3.9 ~ 14.3")	100 ~ 257 mm (3.9 ~ 10.1")	0.065 ~ 0.14 mm (0.0025 ~ 0.0055")
Cut Sheet (Multi Part)	100 ~ 364 mm (3.9 ~ 14.3")	100 ~ 257 mm (3.9 ~ 10.1")	0.12 ~ 0.32 mm (0.0047 ~ 0.0126") (Total)
Envelope (No.6)	92 mm (3.6")	165 mm (6.5")	0.16 ~ 0.52 mm (0.0063 ~ 0.0205") (Total)
Envelope (No.10)	105 mm (4.1")	241 mm (9.5")	0.16 ~ 0.52 mm (0.0063 ~ 0.0205") (Total)
Continuous Paper (Single Sheet and Multi part)	101.6 ~ 558.8 mm (4.0 ~ 22.0")	101.6 ~ 254.0 mm (4.0 ~ 10.0")	0.065 ~ 0.32 mm (0.0025 ~ 0.0126") (Total)
Roll Paper	NA	216 mm (8.5")	0.07 ~ 0.09 mm (0.0028 ~ 0.0035")

Paper Feeding		
Standard		Friction, Push Tractor
Optional		Roll Paper Holder
Copies		Original + 3 copies
Line Spacing		4.23mm (1/6") or programmable in increments of 0.118mm (1/216")
Input Data Buffer		128KB
Interface		
Standard		Bi-directional parallel interface (IEEE-1284 nibble mode supported) USB 2.0 Full-Speed Serial
Ribbon Cartridge		
Standard		Fabric Ribbon Cartridge (Black)
Ribbon Life		Approx. 2.5 million characters (Draft 10 cpi, 48 dots/character)
Acoustic Noise		Approx. 53 dB(A) (ISO 7779 pattern)
Reliability		
Mean Print Volume Between Failure (MVBF)		Approx. 20 million lines (Except print head)
Mean Time Between Failure (MTBF)		Approx. 10,000 POH (25% Duty)
Print Head Life		Approx. 400 million strokes/wire
Control Panel		4 switches and 5 LEDs
Environmental Conditions (Operating)		
Temperature		5 ~ 35°C
Humidity		10 ~ 80 % RH
Electrical Specification		
Rated Voltage		AC 220 - 240V
Rated Frequency		50Hz ~ 60Hz
Power Consumption		
Operating		Approx. 24W (ISO/IEC 10561 Letter pattern)
Sleep Mode		Approx. 1.3 W
Auto Off Mode		Approx. 0.5W
Power Off		0W
Printer Driver / Utility		
Operating System		Microsoft® Windows® 2000 / XP / 7 / 8 / 8.1 / 10
Utility		Epson Status Monitor (Microsoft® Windows® 2000 / XP / 7 / 8 / 8.1 / 10)

Dimensions & Weight

Weight: Approx. 4.1kg (9.0lb)

154mm (6.1")
275mm (10.8")
362mm (14.3") – 348mm (13.7") exclude knob

Consumables

Fabric Ribbon Cartridge (Black)	C13S015639

Legend

cpi	Characters per inch (Characters per 25.4mm)
cps	Characters per second
cpl	Characters per line
POH	Power On Hours

Information correct as at April 2019