LA30W Companion Printer

Open printing solutions for multiple computing environments

The LA30W wide carriage dot matrix printer is ideally suited for a wide range of printing applications from multipart forms and single sheets to labels and envelopes. With DEC ANSI and industry-standard PC-compatible printer protocols, as well as serial and parallel interfaces, the LA30W can be used in personal or shared environments.

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A wide carriage version of the LA30N, the LA30W offers fast, versatile printing coupled with rugged design and ease of operation. The printer's straighter paper path, improved multi-copy capabilities, higher throughput and automated paper detection (top of form, edge detect and form ID) guarantee trouble-free printing. The seven resident typeface and eight resident barcode fonts ensure fast, high-quality text, and dependable barcode printing.

In multi-user environments, users may select one of two configurations which are easily accessed through the control panel or application programs.

To further simplify operation and minimise the risk of the accidental job interruption, the LA30W control panel can be locked out under program control. Its advanced paper-handling features offer either rear or bottom paper feed, as well as push or pull tractor feed.
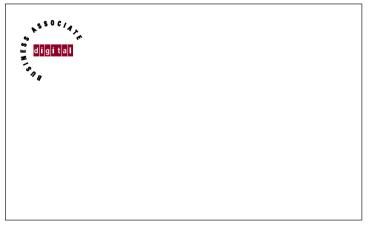
With plug-and-play Windows 95 compatibility, multiple emulations, dual interfaces and rear or bottom paper paths, the LA30W is perfectly suited for a wide range of industries from banking and healthcare to manufacturing, education, retail and government. Its flexibility, speed and low cost of ownership make the LA30W an ideal choice for all types of printing and graphics applications, including labels, multipart forms, point-of-sale billing, and data logging.

The LA30W Companion Printer, like all Digital products, is supported by Digital's customer service organisation. Digital has a portfolio of multi-vendor services and support that can be specifically tailored to your needs. To learn more about the LA30W, contact your local Digital reseller or Digital sales representative.

LA30W

Specifications

Printing method	24-Wire dot matrix	
Wire diameter	0.2 mm (0.008 in.)	
Wire spacing (vertical)	0.141 mm (1/180 in.)	
Printing directions	Bidirectional, logic-seeking or unidirectional seeking	

Character cell (horizontal x vertical)	*@10 cpi*	*@12 cpi*
Letter quality	36 x 24	30 x 24
Correspondence	18 x 24	
Draft quality	12 x 24	
High-speed draft	9 x 24	

Print speed	*@10 cpi*	*@12 cpi*
Letter quality	100 cps	120 cps
Correspondence	200 cps	240 cps
Draft quality	300 cps	360 cps
High-speed draft	333 cps	400 cps

Line length

Character spacing (cpi)	*Characters (cpl)*
10 cpi	136 cpl
12 cpi	163 cpl
15 cpi	204 cpl
17.1 cpi	232 cpl
18 cpi	244 cpl
20 cpi	272 cpl

Note: (cpi: characters per inch; cpl: characters per line)

Line-feed speed	60 ms per line at 6 lines per inch
Vertical slew speed	5.6 inches per second

Resolution

Letter quality	360 x 180 dpi
Correspondence	180 x 180 dpi
Draft quality	120 x 180 dpi
High-speed draft	90 x 180 dpi
Graphics	360 x 360 dpi

Paper size

Continuous	
Width	102–420 mm (4–16.5 in)
Length	102 mm (4 in. or more)
Cut sheets	
Width	102–420 mm (4–16.5 in.)
Length	76–420 mm (3–16.5 in.)

Paper length

By software	Programmable in one line or inch increments in all emulations
By control panel	Protocol dependent. Default is 11 inches for all emulations

Paper type	One to five-part side-glued or paper-stapled fanfolded continuous forms or label sheets with sprocket holes. One to five-part top-glued cut sheets and envelopes
Paper thickness	Up to 0.35 mm (0.014 in.)
Interfaces	DEC 423 serial, parallel bitronics
Number of copies	5 (original + 4 copies)
Acoustic noise level	Average 56 dB(A)
Data buffer size	2 K, 8 K, 10 K, 32 K, or 64 K bytes
Download buffer	Maximum 128 K bytes
Protocols	DEC ANSI PPL2, IBM Proprinter XL24E, Epson ESC/P2
Resident fonts	8 barcodes and 7 typefaces
Power requirements	100 to 120 VAC +/–10%; 50/60 Hz 200 to 240 VAC; –10%, +6%; 50/60 Hz
Heat generation	Average: 65 kcal/h
Safety/Performance	UL 1950, CSA C22.2/950, TUVEN60950/08 EMKO-TSE (74-SEC)207/94 Class B of FCC Part 15B, CE marking
Operating environment	5° to 38°C (41° to 104°F), 10% to 95% RH (no condensation).
Storage environment	–15° to 60°C (–4° to 140°F), 10% to 95% RH (no condensation).
Duty cycle	3,500 pages per month
MTBF	15,000 hours at 5% duty cycle

Consumables

Printerhead life	150 million characters
Ribbon life	Black up to 2.0 million characters Colour up to 0.3 million characters/colour

Dimensions	130H x 570W x 330D mm
Weight	8.5 kg. (18.7 lb.)
Warranty	1 year parts and labour

Ordering information

Printer (power cord, DEC 423 serial cable, Windows 3.11 driver and Windows 95 drivers, ribbon, user manual and cut sheet stand included)

LA30W printer	LA30W-##

Country kits:

AD = Denmark	AL = Switzerland (Germany)
AE = United Kingdom, Ireland	AP = France
AG = Germany	AS = Spain
AI = Italy	AT = Israel
AK = Switzerland (France)	CC = Central Europe

Options and supplies

LA30R-KA	LA30W black ribbon
LA30R-KC	LA30W colour ribbon
LA30X-PH	LA30W printhead
LA30X-CK	LA30W colour kit
PCXXA-PC	LA30W platen cleaner

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