

digital

LGplus/LGLplus Family of Line Matrix Printers

Best-in-class in performance, quality, and economical operation

Whatever business you're in — large or small — whether you have mission-critical applications in whisper-quiet offices, or on noisy shop-floors; whenever you need fast, high-quality printing at low cost with virtually no maintenance; whenever you simply must get the work done — a best-in-class printer from the LGplus/LGLplus Series is the printer for you.



The LGplus/LGLplus Family continues the tradition of offering best-in-class performance at the lowest cost of ownership in the line printer world. The pedestal model LGLplus Series is ideal for industrial environments, while the highly acclaimed LGplus Series is perfectly suited for commercial applications.

Same high performance

Low cost without sacrificing performance. The full compatibility of the LGplus/LGLplus Family means you can mix and match models within the family without ever changing application software.

Benefits

- Works a virtually unlimited duty cycle
- Complies with industry standards for open systems printing
- Excels in distributed, mission-critical applications
- Prints high-quality text and graphics — fast
- Handles paper and multipart forms with ease
- Offers a model for virtually any environment
- Assures you of Digital Equipment Corporation's quality, service, and support

LGplus/LGLplus Printer Family highlights

- High-speed printing at the lowest cost of ownership in its class
- LGplus Series cabinet-mounted for quiet operation in office environments
- LGLplus Series pedestal-mounted for fast, easy access and operation in harsh, shop-floor environments
- 24-hours-a-day printing in an unlimited duty cycle
- Precise accuracy of dot placement (0.0029 vertical registration) thanks to a new shuttle design
- Flexible connectivity — Bitronics,[®] Data Products,[®] or Centronics[®] parallel and RS232 or RS422 serial interfaces are standard
- LAN connectivity via the Rapid-Print 500, an optional Ethernet micro print server supporting TCP/IP, LAT, AppleTalk,[®] NetBIOS[™]/Net-BEUI, and Novell[®] network protocols

Works a virtually unlimited duty cycle

Extremely reliable over long periods of time, the LGplus/LGLplus Family offers something that the competition cannot: a virtually unlimited duty cycle with no scheduled maintenance other than an occasional cleaning!

With a Mean-Time Between Failure (MTBF) of 10,000 hours, and a Mean-Time To Repair (MTTR) of 30 minutes, these rugged printers will give you worry-free, high-quality printing — 24 hours a day, month after month.

Complies with industry standards for open systems printing

For true open systems printing — with workstation, mainframe, and PC applications — the LGplus/LGLplus Family supports a variety of printing languages and protocols:

- DECansi
- IBM Proprinter[®]
- EPSON[®]

To add to their ability to accept a wide variety of easily upgraded line printer software, these printers offer these optional languages:

- Magnum Code V (VGL)
- Printronix Graphics Language (PGL)

In fact, the LGplus/LGLplus printers are the only printers that support DECansi and PGL or VGL languages. Equipped with a high-performance

RS232/RS422 serial port and either an IEEE[®] P1284, Centronics, or Data Products parallel interface, the LGplus/LGLplus printers work in Windows[®], Windows NT[®], OpenVMS, and DIGITAL UNIX[®] environments.

Additionally, the mission-critical applications of the LGplus/LGLplus printers can be distributed over a Local Area Network (LAN) by means of an optional RapidPrint 500 micro print server, which connects directly to the printer's parallel port.

Excels in distributed, mission-critical applications

With their fast, trouble-free, high-quality printing, and versatile networking capabilities, the LGplus/LGLplus printers are perfect for centralizing your printing services and distributing your mission-critical applications to wherever you need them. These applications include, but are not limited to:

- Bills of lading
- Invoices
- Payroll checks
- Account statements
- Bar codes and labels
- POSTNET bar code support
- Multipart forms (up to 6-part)
- Graphics

With this kind of versatility, the LGplus/LGLplus printers perform a host of applications inherent to virtually every business. And, when printing fast, high-quality text and graphics counts, you can always depend on the LGplus/LGLplus printers to deliver.

Prints high-quality text and graphics — fast

The LGplus/LGLplus printers produce dramatically better print quality than previous designs. For example, their new shuttle/hammer bank design improves the accuracy of dot placement on the page to within a vertical registration of 0.0029!

The printer family's new code optimizes the performance of applications requiring multiple densities on a single line — a valuable plus when mixing either forms and text or different fonts on the same printed line.

With maximum graphics resolution of 180 dots per inch (dpi) horizontal and 96 dpi vertical, you're assured of crisp, clear, accurate printouts — print after print — whether printing text or graphics, on single sheets or multipart forms.

Finally, the printer family is capable of monitoring ink consumption and displaying on the front panel the percentage of ribbon remaining, all at the touch of a button.

Handles paper and multipart forms with ease

The forms-handling capabilities of the *LGplus/LGLplus* printers include:

- Bidirectional forms adjustment — vertically and horizontally
- Top-of-form locator
- Paper thickness control

The variety of forms the printers handle include:

- One- to six-part continuous forms with carbon, fanfolded, edge-perforated, from 1 to 12 inches long and 3 to 17 inches wide
- Multiple-thickness forms with paper weight of 15 to 100 pounds (60 to 375g/m²) and a maximum thickness of 0.025 inches (0.64 mm)
- Forms with all approved types of interleaf edge attachments

In short, when it comes to paper handling, the *LGplus/LGLplus* printers always operate in top form — regardless of the model you choose.

Offers a model for virtually any environment

From a clean, whisper-quiet environment to a harsh, noisy, shop-floor environment, the *LGplus/LGLplus* Family offers a line printer model to meet your needs.

The cabinet model *LGplus* is well-suited for longer, unattended print runs in knowledge-worker areas where equipment operation must be as unobtrusive as possible. On the other hand,

the lower-cost pedestal model *LGLplus* is perfect for shorter batch jobs in which you need quick, easy access to printer output. It enables you to load forms from the front and is well-suited for shop-floor printing operations where noise is not an issue.

Assures you of DIGITAL quality, service, and support

When you purchase a printer in the *LGplus/LGLplus* Family, you can be assured that you're getting a product of the highest quality and reliability. As an added benefit, we'll get you off to a head start with DIGITAL's one-year on-site warranty.

Then, for those ultra mission-critical applications, you can select from a variety of extended service plans, including one- to three-year terms, five to seven days per week, nine to twenty-four hours per day, with response times from four hours to next business day. At DIGITAL, we're doing whatever it takes to give you the kind of expert consultation, service, and support that keeps your crucial applications up and running and all your operations successful over the long haul.

Want to learn more?

Now that you've met the fifth generation line matrix printers with the lowest cost of ownership, take the next step: reach for the phone. To learn more about how the *LGplus/LGLplus* Family of line matrix printers can work for you, or about DIGITAL's other network printing solutions, contact your DIGITAL Authorized Reseller, local DIGITAL sales representative, DIGITAL branded sales representative, or visit us at: www.printers.digital.com





Specifications	LG05plus/LG05plus	LG09plus/LGL9plus	LG14plus
Technology	Impact line matrix		
Speed			
Draft	500 lpm	900 lpm	1,400 lpm
Data processing	375 lpm	662 lpm	1,050 lpm
Near letter-quality	200 lpm	353 lpm	560 lpm
<i>The following qualifications apply to all models</i>			
Printing			
Graphics resolution	Maximum of 180 dpi horizontal, 96 dpi vertical		
Character pitch			
Draft	5, 6, 6.7, 10, 12, 13.5, 15, 17.1, 20		
Data processing	5, 6, 6.7, 7.5, 8.5, 10, 12, 13.5, 15, 17.1, 20		
Near letter-quality	5, 6, 6.7, 7.5, 10, 12, 13.5, 15, 17.1		
Lines per inch	6, 8, 10.5, n/72, n/216		
Printable width	Up to 13.6 in (345.4 mm)		
Compatibility			
Interfaces	IEEE P1284 or Centronics or Data Products; RS232 or RS422		
Protocols standard	DECansi/Sixel, EPSON FX-1050, IBM Proprinter III XL		
Protocols optional	IGP/PGL or IGP/VGL		
Fonts	NLQ Serif, NLQ Sans Serif, data processing, high-speed, OCR A/B		
Character sets	26 sets — Comprehensive language coverage for North and South America, Western and Eastern Europe, as well as Greek, Hebrew, Turkish, and Katakana character sets		
Bar codes	Code 39, Extended Code 39, Interleaved 2 of 5, Code II, Codabar A, B, C, D, UPC-A, UPC-E, POSTNET, EAN 8, EAN 13, Code 128		
Paper handling			
Paper type	Fanfold, labels, card stock, multipart (up to 6 parts)		
Paper thickness	Maximum of 0.025 in (0.64 mm)		
Paper weight	15–100 lb (60–375g/m ²)		
Width of paper	3–17 in (76.2–431.8 mm)		
Noise level	LGplus 52 dBA/LGL5plus 60 dBA		
Operating	10°–40°C (50°–104°F) temperature		
Dimensions			
LGplus models	686 W × 737 D × 1,080 H mm (27.0 W × 29.0 D × 42.5 H in)		
LGLplus models	625 W × 526 D × 889 H mm (24.6 W × 20.7 D × 35.0 H in)		
Power requirements			
Line	Auto-ranging 120/240 VAC 60/50 Hz		
Line voltage	88–155 VAC or 178–270 VAC		
Line frequency	47–63 Hz		
Power consumption	180 watts typical, 260 watts maximum		
Weight (shipping)			
LGplus	129.5 kg (285 lb)		
LGLplus	52.2 kg (115 lb)		
Warranty	One-year on-site		

Ordering information	Part number	
Model numbers	LGplus/LGLplus	With PGL/VGL
LG05plus	LG05S-##	LG05P-##
LGL5plus	LGL5S-##	LGL5P-##
LG09plus	LG09S-##	LG09P-##
LG14plus	LG14S-##	LG14P-##
## Country kits:		
AD=Denmark	AT=Israel	CB=Switzerland
AE=UK, Ireland, Asia	AZ=Australia, NZ	CC=Cent. Europe
AS=Spain	CA=U.S., Japan, Canada, Mexico	
Upgrade kits	Part number	
PGL/VGL upgrade kit (LGX4/X8/12)	LGXXP-UP	
PGL/VGL upgrade kit (LGX5/09/14)	LGXXP-XP	
Supplies and options	Part number	
60-yard (55-meter) ribbon (black)	LGXXR-SR	
100-yard (91.7-meter) ribbon (black)	LGXXR-LR LGplus Series only	
PC parallel cable (10 ft)	BC19M-10	
MMJ adapter (RS232)	H8575-E	
MMJ adapter (EIA422)	H8585-EA	
RapidPrint 500 (Ethernet micro server)	DSTRP-CA* (Twisted pair)	
RapidPrint 500 (Ethernet micro server)	DSTRP-DA* (ThinWire)	

* U.S. version: please consult your authorized DIGITAL sales representative for more information



GENICOM designs and markets a wide range of printers and is the exclusive supplier of DIGITAL branded printers.

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As an Energy Star partner, DIGITAL has determined that this product meets the Energy Star guidelines for energy efficiency.