

LP 2824



DESKTOP SERIES



Value Packed Compact Printing Solution

The Eltron LP 2824 2-inch direct thermal printer offers a wealth of user-friendly and innovative features packed into a compact but sturdy double-walled enclosure. Eltron's OpenACCESS™ design simplifies label loading and facilitates maintenance as the print-head is located in the top lid. Lockable self-centring media guides snap media securely in place and prevent label jams. The new, innovative print-head design allows the print-head assembly to be removed and replaced in seconds without using tools.

With a full 5-inch (127mm) media roll and print speeds of up to 3.5 inches per second, the LP 2824 guarantees productivity and efficiency.

The LP 2824 has a competitive electronics platform equipped with 512KB standard flash memory for storage of forms, graphics and external fonts, as well as 128KB SRAM to print longer label lengths (11" standard).

As the ideal printer for a wide variety of low volume labelling requirements, the LP 2824 will easily integrate into applications such as:

- Retail – POS, shelf labelling, product marking
- Healthcare – Patient tracking, specimen labelling
- Office/Business – Mailing labels, inventory and document management

The LP 2824 is a value-packed, versatile printing solution, offering high quality thermal print performance at an affordable price.

All Eltron printers are built to tough ISO 9001 standards.

Eltron®

LP 2824 Specifications*

Printing Specifications

| | |
|--------------|---------------------|
| Technology: | Direct Thermal |
| Resolution: | 8 dots/mm (203 dpi) |
| Print Width: | 56mm (2.2") |
| Print Speed: | 89mm/s (3.5 ips) |

Media Specifications

Types: Labels, Tags, Continuous, Fan-Fold

| | Minimum | Maximum |
|------------|------------------------|------------------|
| Width: | 25.4mm (1") | 60mm (2.36") |
| Length: | 9.7mm (0.38") | 279mm (11") |
| Thickness: | 0.08mm (0.003") | 0.18mm (0.0075") |
| Roll O.D.: | -- | 127mm (5") |
| Roll I.D.: | 25mm (1") | 38mm (1.50") |
| Sensing: | gap, black mark, notch | |

Bar Codes, Fonts and Graphics

Most common bar code types supported
MaxiCode, PDF417, QR Code support
5 resident bitmap fonts (expandable up to 8X)
20 code pages supported
Soft font storage
Line and box draw support
PCX graphic storage

Programming

ASCII EPL2 programming language (Page Mode)
– Text and barcodes printed in 0°, 90°, 180°, 270°
– Variable field support (up to 100)
– Counter support (up to 10)
– Variable field addition and subtraction
– Status reporting
– Form storage
Line Mode support



Labels are loaded quickly and easily with Eltron's OpenACCESS™ design

Software

Windows® drivers (95, 98, NT v4.0, 2000)
Windows® label design software with basic features
Windows® printer utilities

Connectivity

Serial RS232 (DB9)
– 2.4 to 38.4 K bits per second
– Flow control – hardware and software
Parallel Centronics
Cash Drawer Kicker
LAN/Ethernet via Eltron PrintServer
USB Adapter

Memory

| | Standard | Maximum |
|--------|----------|---------|
| Flash: | 512KB | 1MB |
| SRAM: | 128KB | 256KB |

Flash is used for firmware and storage of forms, fonts and graphics.
SRAM is used for imaging only.

Electrical and Safety

Autorangeing external power supply
– Input: 100-240VAC, 50-60 Hz
– Output: 20VDC, 2.5A
FCC, CE, VCCI, C-Tic, CB, UL, NOM, IRAM approvals

Physical Specifications

| | |
|------------------|--|
| Width: | 110mm (4.3") |
| Depth: | 210mm (8.5") |
| Height: | 173mm (6.8") |
| Weight: | 1.2 kg (2.7 lbs.) printer and power supply |
| Shipping Weight: | 2 kg (5.3 lbs.) |

Operating Environment

Operating temperature: 5°C to 40°C (40°F to 104°F)
Humidity: 10% to 90% non-condensing

Options and Accessories

Memory Expansion
Keyboard Display Unit (KDU)
Liner-Free Platen
Cutter
Dispenser
Cash Drawer Kicker
RS422 Serial Interface
Eltron PrintServer (LAN/Ethernet Adapter)
USB Adapter
Real Time Clock
External Rewinder
Asian Language Support
Full featured Windows® label design software

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