



# LP/TLP 2844™ Desktop Printers LP/TLP 2824™ Desktop Printers TLP 3842™ Desktop Printer

Thermal, On-demand Label, Receipt and Tag Printers

## **Leading the way in versatile and affordable desktop printing**

These space-saving, quiet, user-friendly printers bring new levels of performance to the Zebra Desktop family. The 2844 bar code label printers are ideal for low-volume applications needing 104mm (4") labels, such as parcel shipping, whilst the smaller 2824 is perfect for retail product and shelf labelling or any other application where only a small label is wanted. And if you need high-resolution printing, the TLP 3842 is the answer.

## **Superior performance at a small price**

These classy little printers from Zebra bring fast, professional labelling to your desk, small office, laboratory or anywhere you need to print small numbers of bar code labels, receipts and tags.

They are sturdily built with a double-walled ABS casing and offer many "big printer" features but at an extremely affordable price.

However, they are designed for easy use, so even complete beginners will find them simple to set up and operate.

## **Thoughtfully designed and competitively priced!**



Reliability on demand™



LP/TLP 2844™  
LP/TLP 2824™  
TLP 3842™



## LP 2824

## TLP 2824

You get a lot of capabilities with these printers that you might have thought only came with bigger, more expensive ones.

- Label handling options include:
  - Liner-free platen (except TLP models)
  - Label dispenser with label-taken sensor
  - External rewind
  - Cutter
- A USB interface is standard on 3842 and 2844 and on serial 2824 printers. A USB conversion cable is available for parallel 2824 printers
- Ethernet network connection via a factory-installed Internal ZebraNet® PrintServer II is optional for the 2844, 3842 and serial 2824 printers. An external ZebraNet PrintServer II adapter that plugs into the parallel port can provide Ethernet connection for parallel 2824 printers or for printers which are not fitted with the internal option

### Direct Thermal Printer

Perfect for low-volume printing needs in business and professional offices where a small (56mm) label is needed, such as:

- Retail
  - point-of-sale
  - shelf labelling
  - product marking
- Healthcare
  - specimen labelling
  - patient tracking
- Small office
  - mailing
  - file and folder labelling

### Maximum Print Area

Width: 56mm (2.2")

Length:

279mm (11") (with standard memory)

558mm (22") (with optional memory)

### Resolution

8 dots per mm (203dpi)

### Maximum Print Speed

89mm (3.5") per second

### Memory

Standard: 512KB Flash; 128KB SRAM

Optional: up to 1MB Flash; 256KB SRAM

### Physical Characteristics

Width: 110mm

Depth: 215mm

Height: 173mm

Weight: 0.95kg

### Media Specifications

Label and liner width:

25.4mm (1") to 60mm (2.36")

### Direct Thermal and Thermal Transfer Printer

A space-saver with an extremely small footprint, the TLP 2824 with thermal transfer print capability is a very convenient solution for printing low-volume labels that may be exposed to heat or sunlight and those that will have a long life, for example:

- Retail product or shelf marking in garden centres
- Pharmaceutical labels
- Laboratory samples
- Patient records
- Asset management

### Maximum Print Area

Width: 56mm (2.2")

Length:

279mm (11") (with standard memory)

558mm (22") (with optional memory)

### Resolution

8 dots per mm (203dpi)

### Maximum Print Speed

89mm (3.5") per second

### Memory

Standard: 512KB Flash; 128KB SRAM

Optional: up to 1MB Flash; 256KB SRAM

### Physical Characteristics

Width: 130mm

Depth: 235mm

Height: 178mm

Weight: 1.2kg

### Media Specifications

Label and liner width:

25.4mm (1") to 60mm (2.36")

Ribbon width:

33mm (1.3") to 58mm (2.24")



**LP 2844**

### Direct Thermal Printer

The LP 2844 comes with serial, parallel and USB interfaces as standard, so there is no problem connecting it into any system. It is ideal for a variety of low-volume applications such as:

- Shipping/Receiving
- Transportation/Logistics
- Warehouse shelf labelling
- Inventory control

#### Maximum Print Area

Width: 104mm (4.09")

Length:

279mm (11") (with standard memory)

558mm (22") (with optional memory)

#### Resolution

8 dots per mm (203dpi)

#### Maximum Print Speed

102mm (4") per second

#### Memory

Standard: 512KB Flash; 256KB SRAM

Optional: up to 1MB Flash; 512KB SRAM

#### Physical Characteristics

Width: 193mm

Depth: 216mm

Height: 168mm

Weight: 1.4kg

#### Media Specifications

Label and liner width:

25.4mm (1") to 108mm (4.25")



**TLP 2844**

### Direct Thermal and Thermal Transfer Printer

With thermal transfer print capability, the TLP 2844 is useful in applications where labels need to be more durable or when they will be exposed to heat and sunlight. Like the LP 2844, it integrates easily into a variety of applications including:

- Hospitals and Healthcare
- Retail product marking
- E-commerce postage

#### Maximum Print Area

Width: 104mm (4.09")

Length:

279mm (11") (with standard memory)

558mm (22") (with optional memory)

#### Resolution

8 dots per mm (203dpi)

#### Maximum Print Speed

102mm (4") per second

#### Memory

Standard: 512KB Flash; 256KB SRAM

Optional: up to 1MB Flash; 512KB SRAM

#### Physical Characteristics

Width: 198mm

Depth: 238mm

Height: 173mm

Weight: 1.6kg

#### Media Specifications

Label and liner width:

25.4mm (1") to 108mm (4.25")

Ribbon width:

33mm (1.3") to 110mm (4.3")



**TLP 3842**

### Direct Thermal and Thermal Transfer Printer

The 300dpi printhead of the TLP 3842 is ideal when high-resolution printing is needed for applications like:

- Laboratory or prescription bottle labelling
- Circuit board labels
- Small tags for jewellery

#### Maximum Print Area

Width: 104mm (4.09")

Length:

279mm (11") (with standard memory)

558mm (22") (with optional memory)

#### Resolution

12 dots per mm (300dpi)

#### Maximum Print Speed

51mm (2") per second

#### Memory

Standard: 1MB Flash; 512KB SRAM

Optional: up to 1.2MB SRAM

#### Physical Characteristics

Width: 198mm

Depth: 238mm

Height: 173mm

Weight: 1.6kg

#### Media Specifications

Label and liner width:

25.4mm (1") to 108mm (4.25")

Ribbon width:

33mm (1.3") to 110mm (4.3")



## Standard Features

- Print methods: direct thermal (LP) or direct thermal/thermal transfer (TLP)
- Construction: ABS double-walled casing
- OpenACCESS™ design
- Serial, parallel and USB interfaces (not LP/TLP 2824)
- Head-up sensor
- Windows® drivers (95, 98, 2000, Me, NT® 4.0, XP)
- Windows printer utilities

## Operating Characteristics

### Environment

- Operating Temperature 5°C (40°F) to 40°C (104°F)
- Storage/Transport Environment -40°C (-40°F) to 60°C (140°F)
- Operating Humidity 10 to 90% non-condensing
- Storage Humidity 10 to 90% non-condensing

### Electrical

- Autoranging external power supply
- Input: 100-240VAC; 50-60Hz
- Output: 20VDC; 2.5A

## Media Characteristics

### Labels

#### Max. Roll Size

- 127mm (5") O.D. on a 25mm (1") or 38mm (1.5") I.D. core

#### Thickness (label & liner)

- 0.08mm (0.003") to 0.18mm (0.0075")

#### Media Types

- Gap, notch, black mark, continuous, fan-fold and tag stock

For optimum print quality and printer performance, use Genuine Zebra supplies.

## Fonts/Graphics/Symbologies

### Fonts and Character Sets

- Standard Fonts: 5 bitmapped, expandable 8x
- Sets: international character sets supporting the following code pages:
- DOS: 437, 737, 850, 851, 855, 857, 860, 861, 862, 863, 865, 866, 869
- Windows: 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257
- Soft font storage in Flash memory

## Options and Accessories

- Internal ZebraNet PrintServer II (for Ethernet connectivity) (not on 2824 parallel units)
- External ZebraNet PrintServer II (not on 2824 serial units)
- Expanded memory  
Up to 1MB Flash  
1.2MB SRAM (3842)  
512KB SRAM (2844)  
256KB SRAM (2824)
- Keyboard Display Unit (KDU) (not on LP/TLP 2824 parallel units)

## Programming

- ASCII EPL2 programming language (Page Mode)
- Text and bar codes 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, font and graphics storage
- Line Mode support (LP 2824 or LP 2844)

## Communication Interface Capabilities

- Serial RS232 (DB9)
- 1.2 to 38.4Kbits/second
- Flow control: hardware and software
- USB (except 2824 parallel units)
- Parallel (Centronics)
- LAN/Ethernet (requires optional ZebraNet® PrintServer II) (not on LP 2824 serial units)

## Agency Approvals

- UL-CUL 1950; FCC (Class B); VCCI (Class B); C-TICK; EN 500082-1; EN 55022 (Class B)/CISPR 24; EN 55024/CISPR 24; EN 60950/IEC 950; EN 61000-3-2, 3-3

## Ribbons (TLP 2844, TLP 2824 and TLP 3842 only)

#### Max. Roll Size

- 33mm (1.3") O.D. on a 12.7mm (0.5") I.D. core

#### Standard Length

- 74m (2,900") capacity; provides 1:1 media roll to ribbon ratios

#### Ribbon Set-up

- Ribbon wound ink-side out  
Ribbon is recommended to be at least as wide as media

## Graphic Features

- Line and box drawing
- PCX graphic storage

## Bar Code Symbologies

- Linear Bar Codes: Code 39, Code 128 (A, B or C user selectable/Auto select), UCC/EAN-128, Code 93, Codabar, Interleaved 2 of 5, UPC-A, UPC-E, UPC-A with 2 and 5 add-on, Plessey, POSTNET, German Post, Japanese Postnet
- 2-Dimensional: PDF-417, Macro PDF-417, Maxi Code (Modes 2, 3, 4, 6), QR Code (requires Asian printer version), Aztec (optional), DATAMATRIX (optional)

- External rewind
- Dispenser with label-taken sensor
- Liner-free platen
- Cutter
- Real-time clock
- Asian language support
- Windows label design software

## Options on LP/TLP 2824

- USB conversion cable (parallel units only)

For further information on these products, please visit the Zebra web site at: [www.zebra.com](http://www.zebra.com)



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## Other Locations

*United States:* California, Florida, Rhode Island, Wisconsin  
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*Asia-Pacific:* Australia, China, Japan, Singapore, South Korea  
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