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*DA*402/*T*402 Desktop Printers

Thermal, On-demand Bar Code Products



Big performers in small packages.

Think big. Or in this case, think small. Zebra's *DA*402™ and *T*402™ desktop printers come in a compact size at an affordable price.

Dedicated Desktop Printing

Simple to use and a great choice for bar code label novices, these printers are ideal for any low-volume, on-demand application in which a space-saving, dedicated printer is desired. You're guaranteed great results, whether you're printing labels individually or in batches.

*DA*402 and *T*402 desktop printers also come with the ***NEW*** ZebraLink™ real-time connectivity and control solutions.

Zebra

Connect with it. Count on it.™

*DA*402/*T*402 Desktop Printers

Compact, Economical Printer

- Printers weigh less than five lbs. each
- Affordably priced

Simple, Reliable Operation

- **NEW** ZebraLink real-time connectivity and control solution
- Easy-to-use, color-coded operator cues
- One-button darkness adjustment
- Auto-calibration
- Auto-switching power supply
- Auto-synchronization of serial ports

Efficient, On-demand Printing of Text, Graphics and Bar Codes

- Flash memory stores graphics and enables quick upgrades
- Prints labels individually to reduce waste (compared to inkjet or laser label sheets)
- Standard bar code and 2D symbology algorithms reside in memory for faster printing

For more information

Contact your Zebra representative for additional printer specifications. For information on Zebra's full-size and portable printers, supplies, software and accessories, ask your reseller, call +1 800.423.0442, or visit our Web site.

www.zebra.com

Zebra

Zebra Bar Code Products

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DA402/T402
#11217L Rev. 2 (4/01) 10M

Specifications at a Glance*

Standard Features

- Print methods: Thermal transfer (*T*402) or direct thermal (*DA*402)
- Construction: Polycarbonate plastic
- ZebraLink
- Smooth scalable fonts
- 15 standard bar code and seven two-dimensional symbologies resident in printer
- Zebra's E³® Printhead Energy Control
- Auto-calibration
- Auto-synchronization of serial and parallel ports

Programming Languages

- ZPL® & ZPL II®—Universal language for Zebra printers. Simplifies label formatting and enables compatibility with other Zebra printers.
- ZBI™—Controls and interprets text and data streams from peripherals and non-ZPL printer programming languages. Transmits captured data over LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

Operating Characteristics

Environment

- Operating Temp. 40°F/5°C to 105°F/41°C
- Storage/ Environ. -40°F/-40°C to 140°F/60°C
- Operating Humidity 10-90% non-condensing
- Storage Humidity 5-95% non-condensing

Electrical

- External automatic switching power supply 110/230VAC with a selection of power cords

Communication Interface Capabilities

- RS-232 serial port
- IEEE-1284 bi-directional parallel port

Agency Approvals

- UL 1950, CISPR 22 (Class B), IEC 950/EN 60950, EN 55022 (Class B), EN 61000-3-2, -3-3; EN 50082-1:1997, Canadian doc. (Class A), FCC (Class B), CE compliance, AS/NZS 3548, NOM, EMCCSA 22.2 (No. 950)

Media Characteristics

Labels and Tags

Max. Roll Size
- 5.0"/127mm O.D. on a 1.0"/25.4mm I.D. core

Thickness (label & liner)
- .003"/.08mm-.007"/.18mm

Media Types
- Continuous or fan-fold, die-cut, roll-fed or notched

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

Ribbons (*T*402 only)

Max. Roll Size
- 1.39"/35mm O.D. on a 0.5"/13mm I.D. core

Standard Lengths
- 3,600'/91m

Ribbon Set-up
- Ribbon wound ink side out

Ribbon is recommended to be at least as wide as media. Note: *T*300 ribbon is not compatible/interchangeable with the *T*402.

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Standard Fonts: 16 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
- Sets: IBM® Code Page 850 International character set
- Optional European and Asian font sets

Graphic Features

- Supports user-defined fonts and graphics—including custom logos
- ZPL II drawing commands—including boxes and lines

Bar Code Symbologies

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128, EAN-14/UPC-A, UPC-E, EAN-8, EAN-13, UCC/EAN 128, UPC and EAN 2 or 5 digital extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
- 2-Dimensional: CODABLOCK, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, Micro PDF-417

Options and Accessories

- 8MB Flash memory with real time clock
- Real time clock (for application requiring additional memory and date/freshness coding)
- Cutter (*T*402 only)
- Peel (dispense and present label option)
- Black mark sensor
- ZebraNet® PrintServer II (for Ethernet connectivity)
- BAR-ONE® software
- European and Asian font sets

*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.





***DA*402** ***T*402**

Both the *DA*402 direct thermal printer and *T*402 thermal transfer printer are perfect for low volume, individual or batch printing needs in business and professional offices including:

- Small offices/Home offices
- Retail/Business offices
- Healthcare and medical laboratories
- Point-of-sale receipts and ticketing
- Mailing and shipping labels
- File folder labeling

ZebraLink™

ZebraLink, a revolutionary real-time connectivity and control solution for Zebra printers, includes:

1. *Alert* (with ZebraNet® PrintServer II)—enables a Zebra printer to send status messages via any email-enabled device.
2. *WebView* (with ZebraNet® PrintServer II)—enables the remote monitoring and configuration of Zebra printers using Web-based network tools.
3. *ZBI*™ (Zebra BASIC Interpretor)—programming language that works with ZPL II to control and interpret incoming text and data.

ZebraLink gives you the freedom to replace other bar code printers with the superior performance and reliability of Zebra printers, without costly reprogramming of your host system. Or, create a stand-alone application using a *DA*402 or *T*402 printer and peripheral devices without needing a PC. Internet-aware, ZBI can then transmit data captured by these devices over your LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

Maximum Print Area

Width: 4.09"/104mm
Length:
22"/559mm (with standard memory)

Resolution

203dpi/8dots per mm

Maximum Print Speed

2.5"/64mm per second

Memory

Standard: 1MB DRAM; 1MB Flash
Optional: 8MB Flash with real time clock

Physical Characteristics

*T*402:
Width: 7.9"/200mm
Depth: 9.8"/249mm
Height: 6.75"/171mm
Weight: 4lbs./1.8kg

*DA*402:
Width: 7.6"/193mm
Depth: 8.5"/216mm
Height: 6.6"/167mm
Weight: 3lbs./1.4kg

Media Specifications

Label and liner width:
1.12"/28mm to 4.65"/118mm (*T*402)
1"/25.4mm to 4.25"/108mm (*DA*402)
Ribbon width:
1.3"/33mm to 4.3"/110mm (*T*402)

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