Zebra® *ZP* 450™

Best-In-Class, Thermal Desktop Printer for Parcel/Post Labels

UPS® Labels Printed with Simplicity and Speed

Zebra's ZP 450 thermal printer was designed exclusively for parcel/post labeling. The economical, compact ZP 450 offers unparalleled ease of use, and, at 5 inches per second, is one of the fastest direct thermal desktop printers in its class. Feature-rich to meet customer needs, the ZP 450 builds on Zebra's proven service to the parcel/post industry.

Easy to Use and Maintain

The *ZP* 450 is the simplest printer to load, install, operate and maintain—from loading the media, installing the software, printing a label, and cleaning printheads. In addition, the *ZP* 450 Windows® driver simplifies management of the printer.

Advanced, Sturdy Design

The advanced features and durable design of the *ZP* 450 make it a great value. It includes an integrated power supply that eliminates the bulky power adapter, sturdy double-walled construction, improved print quality, and better sensing techniques to handle media variability.

Automated, streamlined UPS WorldShip® printing with Zebra's ZP 450:

- Improve shipping and tracking efficiency with high-quality, readily scanned bar code labels

- No need to purchase costly consumables since toner or ribbons are not required

- Fast print speed of 5 inches per second increases productivity

- Built-in fixed media guides permit easy media reload

- Compact, space-saving footprint allows fitting into areas other printers cannot

- Storage slot in printer for mini-CD provides ready access to user guide

ZP 450

Zebra's *ZP* 450 ctp configuration is available exclusively through the UPS Customer Technology Program.

Specifications at a Glance*

STANDARD FEATURES

Print method: Direct thermal
Head-up sensor
Peel dispenser
Integrated power supply
Dynamic media calibration
Rear feed slot
USB interface
Serial interface

PRINTER SPECIFICATIONS

Resolution
203 dpi (8 dots/mm)

Memory
Standard: 8 MB RAM, 4 MB Flash

Print Width
4.09" (104 mm) maximum

Print Length
39"/991 mm maximum

Print Speed
5"/127 mm per second

Media Sensors
Transmissive and reflective sensors

MEDIA CHARACTERISTICS

Label and Liner Width
4.125"/105 mm—fixed

Label and Liner Length
0.375"/9.5 mm to 39"/991 mm

Maximum Roll Size
5"/127 mm outside diameter

Core Size
1"/25.4 mm to 1.57"/40 mm inside diameter

Media Thickness
0.003"/0.076 mm to 0.0075"/0.191 mm

Media Types
Roll-fed or fanfold; die-cut or continuous; direct thermal labels with gap or black mark

OPERATING CHARACTERISTICS

Environmental
Operating temp: 40º F/5º C to 105º F/41º C
Storage temp: -40º F/-40º C to 140º F/60º C
Operating humidity: 10-90% non-condensing R.H.
Storage humidity: 5-95% non-condensing R.H.

Electrical
Auto-ranging internal supply; input: 100-240 VAC, 50-60 Hz

Agency Approvals
UL, c-UL, FCC, CE, VCCI, C-Tick, CCC, NOM, IRAM, GOST-R, COC-Safety Mark, UC-IEE

PHYSICAL CHARACTERISTICS

Width: 7.12"/181 mm
Height: 7.5"/191 mm
Depth: 8.5"/216 mm
Weight: 4.6 lbs./2.1 kg

ZEBRALINK™ SOLUTIONS

Software
Zebra *ZP* 450 Windows Driver—Supported on: Windows 95, ME, 98, NT, 2000, XP, Server 2003

Firmware
ZPL II®—Universal language for Zebra printers simplifies label formatting.
EPL2™—Programming language for Zebra printers simplifies label formatting.

COMMUNICATION AND INTERFACE CAPABILITIES

Serial RS-232 (DB9-null modem)
USB v1.1
Optional Internal Ethernet

BAR CODE SYMBOLOGIES

Linear Bar Codes
Codabar, Code 11, Code 93, Code 39, Code 128, EAN-8, EAN-13, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Planet Code, Plessey, Postnet, Standard 2-of-5, UPC and EAN 2 or 5 digit extensions, UPC-A, UPC-E, RSS-14

2-Dimensional
Codablock, Code 49, Data Matrix, MaxiCode, QR Code, PDF417, MicroPDF417, TLC 39

FONTS AND GRAPHICS

Fonts and Character Sets
16 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed), IBM® Code Pages 850, 1250, 1251, and 1252 international character sets

Graphic Features
Support user-defined fonts and graphics, including custom logos; ZPL II drawing commands, including boxes and lines

ROHS COMPLIANT

This product meets the requirements of the Restrictions of Hazardous Waste Directive of the European Union.

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