



# BP-545D

Thermal Direct printer

5"/second speed, 2MB DRAM, 2MB FLASH memory

The Smart Solution for Productivity



- Retailing Stores (POS)
- Office Automation (O/A)
- Factory Automation (F/A)
- Other Related Automation

## Ordering Information

- BP-545D : Thermal direct printer,  
parallel + serial + USB
- K-012 : Smart Keyboard  
Display Unit( KDU)

## High Performance

4MB DRAM and with printing speed of 5 inches per second In order to meet the new customer requirement, Birch, an Auto-ID professional manufacture introduces a more powerful BP-545D barcode printer. It is most suitable for retailer, catering and factory use

- 2MB DRAM memory, 2MB Flash ROM
- Printing Speed 5 inches per second
- Both Serial, Parallel and USB interface

Both reflective and transmissive sensor is provided

## Compatible with Windows 95/98/2000/ NT and Vista operation systems

Since barcode automation becoming more and more popular, the new Birch BP545D can be used under different software environments. It comes with the well-known software. (Bartender or similar software)

For your convenience we also supply BIRCH LABEL and DLL for program development.

## A Cost-effective Solution

Everything you needed is completed in one package. Not only the BP-545D is a cost effective barcode printer but also includes all the components required. The standard package includes 2MB DRAM and 2MB Flash ROM without additional charge.

## Offering a series of Optional Items

A lot of options make your printing more easily. Besides standard package, Birch also supplies many optional products such as peripheral and label. During your barcode automation process, we will be your best partner and advisor.

- Offline Keyboard Controller (KDU)
- Real time clock (RTC)
- Different kind of label and tag
- Different kind of ribbon
- External label stand

## More Paper-load Space and Good design

The BP-545D is build in with space enough for a 70 meters long label.



- \* Multi-European Languages available (code pages)
- \* Built-in 4Mb memory as standard
- \* Bundled with windows driver + BarTender (Windows version)

## Technical Specifications

### Printing Method: Direct Thermal

#### Mechanism

- Printhead Density:** 203dpi (8dots/mm)
- Maximum Print Width:** 108mm (4.25")
- Maximum print length:** 999mm (39.3")
- Printing Speed:** 50mm, 76mm, 100mm, 127mm (2,3,4, 5 ips)

#### Enclosure

- Material:** Plastic
- Operation Pane:** LED (Error, On line), Switch (Feed)
- Dimension:** 200mm x 164mm x 240mm (7.9" x 6.5" x 9.4")
- Net Weight:** 1.2kgs

#### Hardware

- Sensors:** Label gap.
- Memory:** 2MB Flash, 2MB DRAM.
- Interface:** RS-232, CENTRONICS, USB
- Power:** 100-240V Universal switching power supply
- optional:** Knife cutter module, Memory expansion (8MB). Ethernet card.

#### Firmware

- Font Direction:** 0,90,180,270 degrees
- Bar Code:** Code 39, Code 93, Code 128UCC, Code 128 subsets A.B.C, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC2 digital add-on
- Fonts:** 12 Types of International Character sets  
2 resident font styles, expandable to 7x vertical & 4 x horizontal
- Command Set:** TSPL

#### Software

- Application Software:** Bar Code Symbolologies
- Windows Driver:** For Windows 95, 98, NT4.0, 2000,XP.
- Software:** Label View XLT+

#### Others

- Reliability:** Head: 30 km
- Environment Operation:** 5° ~ 40°
- Environment Storage:** -20° ~ 60°
- Safety:** CE Class A, FCC Class A, ROHS
- Option:** Keyboard Display Unit(K-012)



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**BIRCH TECHNOLOGY INC**

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