Barcode Printer

BP-744U Series

Thermal Transfer/Direct printer

4"/second speed, 2MB DRAM memory

The Smart Solution for Productivity

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

Ordering Information

BP-744U   : Thermal transfer/
              direct printer, serial +USB
BP-744UC : Thermal Transfer/
              direct printer with the cutter
K-012A   : Smart Keyboard
              Display Unit(KDU)

High Performnace

2MB DRAM memory and with printing speed of 4 inches per second

In order to meet the new customer requirement, Birch, an Auto-ID professional manufacture introduces a more powerful BP-744 barcode printer. It is most suitable for retailer, catering and factory use.

- 2MB DRAM memory, 2MB Flash ROM
- Printing Speed 3 inches per second
- Both Serial and USB interface

Both reflective and transmissive sensor is provided

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

Since barcode automation becoming more and more popular, the new Birch BP744 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-744 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)
- Cutter
- Font cartridges for Korean and Chinese
- Different kind of label and tag
- Different kind of ribbon

More Paper-load Space and Good design

The BP-744 is build in with space enough for a 40 meters long label. However it comes with an external label stand which can supports up to 100 meters long label. User can choose their mounting method according to the label length required.

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

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Technical Specifications

**4" Second speed, 2MB DRAM mmeory
2MB Flash ROM
Printing Max Length of 90"**

Printing Method : Thermal Transfer & Thermal Direct
Resolution : 203DPI (8 dots/mm)
Printing Width : 4.09" (104mm)
Printing Length : Max 90"

Media: Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain Paper.
Media width: 1"-4.4" (2.54mm-114mm)
Media Length: 0.4"-90" (10mm-2,286mm)
Media Thickness: 0.002"-0.001" (0.06mm-0.25mm). The max thickness for BP-744UC is 0.20mm
Max roll capacity: Inner dimension: 1"-3" (2.5mm-7.7mm)
Outer dimension: 8.4" (214mm) for media load stand
Black Sensor height: 0.06"-0.12" (1.5mm-30mm)
Media Sensor: Reflective and transmissive.

Ribbon:

Type of Ribbon : Wax, Wax/Resin, Resin
Ribbon Width : 1"-4" (25.4mm - 110mm)
Ribbon Length : Max 300M

Fonts:

International character set standard (Code page)
5 alpha-numeric fonts from 0.059"-0.23H (1.25mm-6.0mm)

All fonts are expandable up to 24 x 24 (Chinese can be 16 x 16, 24 x 24)
4 direction 0-270 (0, 90, 180, 270) rotation and can be expandable x 8 by vertically and horizontally

Printing Barcode Symbologies

1-D barcode: Code 39, 93, 128 UCXC, 128 (Subset A,B,C) Codabar, I 2 of 5, EAN-8, EAN-13, UPC-A, UPC-E (UPC 2& 5 added, POSTNET, Mainland China Post Code, Matrxi 25
2-D barcode: PDF-417, Maxicode, Data Matrix

Graphic: Support .PCX

Communication: USB and RS-232 serial, 2400 bps tp 19,200bps, XON/XOFF, DSR/DTR handshaking

Electrical: Power: Input: 100-240V AC, 2.0A Maximum Output: +24V DC

Environment:
Working: 5C-40C.
Storage: -10C-60C 10-95% non condensing

Software:
BarTender software or Birch Label
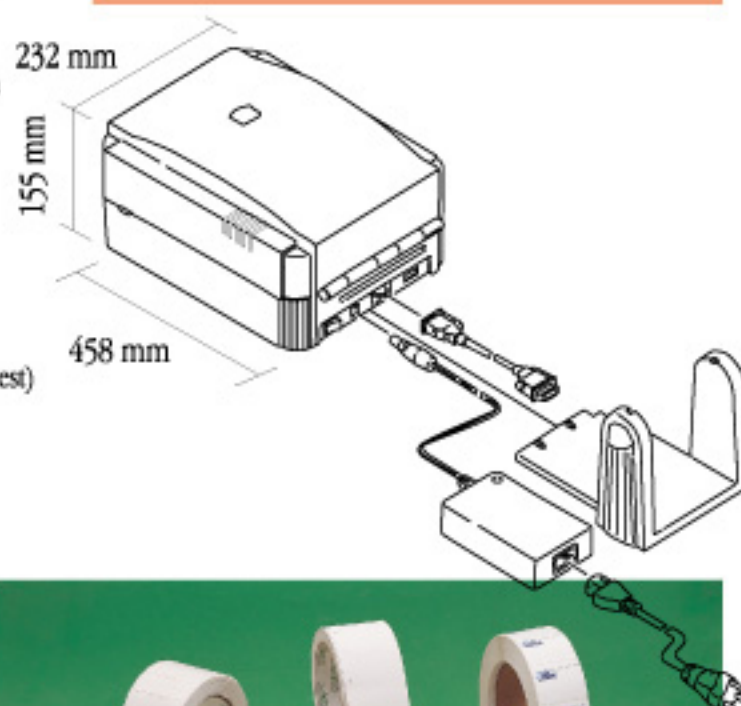Windows Driver(Windows NT Drovers upon your request)

Dimension:
Standard: 9.1"(Width) x 11.3" (Length) x 6.1" (Height) (9.1" W x 18" L x 6.1H for BP-743 with the external paper load stand)

Weight: 6 lbs (2.36 kgs weight)

Safety Standard: CE, FCC Class A (UL, CUL, TUV/GS for the switching power)
Optional Items: Smart keyboard display Unit (K-012A), cartridge, RTC and Cutter.

Dimensions

232 mm
155 mm
458 mm

Ribbons & Paper

Ribbons: The Ribbons for BD-742 are outside-coating ribbon:				
R310	WAX Ribbon	100mm	x	300M
R308	WAX Ribbon	80mm	x	300M
R306	WAX Ribbon	60mm	x	300M
R304	WAX Ribbon	40mm	x	300M

Thermal direct paper:		
29 x 10mm	2,500 pcs/roll	10 rolls/pack
29 x 25mm	1,100 pcs/roll	10 rolls/pack
40 x 20mm	1,300 pcs/roll	8 rolls/pack
58 x 35mm	800 pcs/roll	5 rolls/pack

A. Art paper:		
60mm	x	80M/roll
80mm	x	80M/roll
90mm	x	80M/roll

B. Silk color paper:		
70mm	x	80M/roll
80mm	x	80M/roll
100mm	x	80M/roll

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Contact us for details