

# BRADYPRINTER™

## Model: BP-PR PLUS Series

RoHS Compliant  
Directive 2002/95/EC



The BradyPrinter™ model BP-PR PLUS series is a rugged industrial printer range that is an ideal printing solution that meets the professional needs of Product Identification and Traceability applications in the industrial market, particularly the electronics, electrical, telecommunication area as well as the laboratory environment.

The BP-PR PLUS also allows frequent change for materials which use different core diameters, yet maintain critical print registration.

## Features Include

### Adaptable and Easy to Use

- Accessories i.e cutter, rewind unit and peel-off sensor can interchange quickly and with ease.

### Real Stand-alone Mode

- Plug and Play Capability of standard keyboard and scanner with USB interface.

### Wide Material Range

- Variety of materials ranging from paper through to high temperature polyimide.

### Different Core Sizes

- Printer configured to allow easy change between material core diameters.

### Easy Calibration

- Allows frequent change of material, reducing waste.

### Large Graphic Display

- 4 line Display White backlight guarantees legible display. Clearer symbols and international languages including Chinese.

### Navigator Pad

- Simple operation, with an interactive menu prompting only the available functions are readable. Coloured LED lights.

### Inter-changeable printheads

- 203 and 300 dpi printheads can be replaced in few easy steps

### Easy programming Language

- Easy to create simple label designs in stand-alone mode.

### Powerful Diagnostic Tool

- Easy failure/cause detection - reduces downtime of printer

### Software

- Bradysoft Labelling software supplied.

#### BradyPrinter™ BP-PR Series

| Reference     | Description                |
|---------------|----------------------------|
| BP-PR200 PLUS | BP-PR PLUS Printer 203 dpi |
| BP-PR300 PLUS | BP-PR PLUS Printer 300 dpi |
| BP-PR600 PLUS | BP-PR PLUS Printer 600 dpi |

#### BradyPrinter™ BP-PR Series - Factory Fitted Options

| Reference       | Description                                |
|-----------------|--|
| BP-PR200 PLUS-P | BP-PR PLUS Printer 203 dpi + Peel Off Unit |
| BP-PR300 PLUS-P | BP-PR PLUS Printer 300 dpi + Peel Off Unit |
| BP-PR600 PLUS-P | BP-PR PLUS Printer 600 dpi + Peel Off Unit |

#### BradyPrinter™ BP-PR Series - Field Installable Options

|   |
|---|
| Cutter CU4                                  |
| Cutter Tray 4                               |
| Cutter CU4 - Perforation*                   |
| Customer specific blade Perforation*        |
| External Rewind Unit ER1 – 210 mm roll diam |
| External Rewind Unit ER4 – 300 mm roll diam |
| External Unwind Unit EU4 – 300 mm roll diam |
| Rewind Guide Plate RG4                      |
| Database connector                          |
| Sandisk Compact Flash Memory Card 512MB     |
| Cable serial RS 232C, 9/9-pin, length 4.5 m |
| Present Sensor PS 8 – manual operation      |
| Present Sensor PS 6 - automatic operation   |
| Printhead 203 dpi                           |
| Printhead 300 dpi                           |
| Printhead 600 dpi                           |

\* Cutter which leaves perforations - specific custom made blade made on request

**Materials**

|   |
|---|
| Brady Recommended                           |
| White Polyester: B-422, B-423, B-488, B-489 |
| Metallised Polyester: B-435, B-428          |
| Polyimide: B-457, B-426, B-479              |
| PermaSleeves - PS-250-2W                    |
| Self-laminating : B-427                     |
| DuraSleeve                                  |

**Ribbons**

|                        |
|------------------------|
| Ink: inside or outside |
| Roll Diam - 80 mm Max  |
| Core Diam - 25 mm      |
| Width up to 114 mm     |

**Media**

|   |
|---|
| Total Diameter 210 mm max   |
| Core Diameter 25.4 / 76.00 mm                                       |
| Winding Direction: Inside or Outside (internal rewind outside only) |
| Width of liner: 120 mm  |

**Labels**

|                          |
|--------------------------|
| Label width: 4 - 116 mm  |
| Label height 5 - 2000 mm |

**Physical**

|  |
|--|
| Height: 274 mm                                   |
| Depth: 446 mm                                    |
| Width: 190 mm (200 dpi) 242 mm (300 and 600 dpi) |
| Weight: 8.5 kg (200 dpi) 9 kg (300 and 600 dpi)  |

**Electrical**

|   |
|---|
| Universal Power Supply                    |
| Present Sensor PS 6 - automatic operation |
| 100 - 240V ~ 50/60 Hz PFC                 |
| Energy Consumption 250 W                  |

**Electronics**

|  |
|--|
| 32-bit Cold Fire Microprocessor 266 Mhz          |
| 64 MB RAM  |
| 8 MB ROM Flash                                   |
| Compact Flash Type 1 - memory card slot          |
| Real Time Clock/Date                             |
| Navigator Pad Operation Panel with coloured LEDs |
| LCD Graphic Display                              |

**Communication Interfaces**

|   |
|---|
| Serial RS 232 C 1.200 up to 230.400 baud / 8 bit            |
| Parallel Centronics bi-directional acc IEEE 1284 (optional) |
| USB 2.0 High Speed Slave for PC Connection                  |
| Ethernet 10/100 Base T, LPD, RAWLIP-Printing,               |
| DHCP, HTTP, FTP, SMTP, SNMP, NTP                            |
| RS 422, RS 485, 1.200 up to 230.400 Baud 8/bit (optional)   |
| Peripheral Connection                                       |
| WLAN Card 802.11b./g (optional)                             |
| USB master for Keyboard and Scanner                         |
| Twinax/Coax-Converter (optional)                            |

**Environment**

|  |
|--|
| Operating Temperature: 10 - 35° C            |
| 30-85% Non-condensing humidity               |
| Safety Regulations: CE, FCC Class A, CB, CCC |

**Fonts**

|   |
|---|
| Font types 5 Bitmap fonts incl. OCR-A, OCR-B  |
| And 3 Vektor Fonts: Swiss 721, Swiss 721 Bold |
| and Monospace 821 available internally.       |
| Loadable TrueType fonts                       |

**Font Sizes**

|  |
|--|
| Bitmap fonts: Size of width and height 1 - 3 mm, scalable factor 2 - 10. |
| Vektor Fonts: Size of width and height 0.9 - 128 mm, scalable            |

**Bar Codes**

|  |
|--|
| <b>Linear Bar Codes:</b>                       |
| Code 39, Code 93, Code 39 Full ASCII,          |
| Codabar, EAN 8, EAN 13, EAN/UCC 128,           |
| EAN/UPC App. 2, EAN/UPC App 5, FIM, HIBC,      |
| Interleaved 2/5, Ident-and lead Code of German |
| Post AG, Jan 8m Jan 13, MSI, Plessey, Postnet, |
| RSS 14, UPCA, UPC E, EPC E0,                   |

**2D Bar Codes**

|   |
|---|
| Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF,  |
| UPS Maxicode, QR Code,                                |
| All codes variable in height, module width and ratio. |
| Orientation 0°, 90°, 180°, 270°.                      |
| Optionally with check digit, printed characters and   |
| Start/Stop Code, depending on code type               |

**Print Directions**

|   |
|---|
| Bitmap-Fonts/barcodes 0°, 90°, 180°, 270°.            |
| Truetype fonts 360° of rotation in 1°, mirrored image |

**Brady Europe Locations**

|                                |                              |
|--------------------------------|------------------------------|
| Belgium: +32 (0) 52 45 78 11   | Norway: +47 70 19 10 30      |
| Denmark: +45 66 14 44 00       | Slovakia: +421 2 3300 4800   |
| France: +33 (0) 3 20 76 94 48  | Spain: +34 900 902 993       |
| Germany: +49 (0) 6103 7598 660 | Sweden: +46 (0) 8 590 057 30 |
| Hungary: +36 23 428 525        | Turkey: + 90 212 264 02 20   |
| Italy: +39 02 9628 6014        | UK: +44 (0) 1295 228 288     |

**Your local distributor**

EUR-0-502-EN



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