

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

Linear Bar Codes:

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

D-GENERALY, spol. s r.o.
 Novozámocká 222
 949 05 Nitra
 Tel: 037/6512816, 6580571
 e-mail: info@d-generalny.sk
 www.d-generalny.sk

EUR-0-502-EN



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