



 TECHNICAL DATASHEET

Brother P-touch PT-E310BTVP Industrial Handheld Label Printer

Print durable labels
up to 18 mm

New features in the series

- ✓ **Bluetooth® wireless technology®** to quickly connect design & print labels from your mobile device with the included **Pro Label Tool App**²
- ✓ **USB Type-C®** to charge your battery or design and print labels from your PC or Mac with included P-touch Editor design software²
- ✓ **Load a database** into the printer, search and select a range to print as specific label application
- ✓ Charge your battery in half the time⁴
- ✓ Create and print **QR codes** and commonly used barcodes
- ✓ **Adjustable hand strap** with an included accessory ring to help reduce accidental drops



Learn more

Keep using all of your P-touch labels

All P-touch laminated tapes, flags and heat shrink tubes are backwards compatible with the new models (in compatible sizes).

	Max. Media Width	USB-C	Bluetooth	Cutter	Database	Barcodes	Battery Charge Time	Drop Protection
PT-E310BTVP	18 mm	✓	✓	Manual Cut / Pause	✓	QR & 1D	3 hours ⁴	Wrist strap

	PT-E310BTVP
Type of Printer	Industrial Handheld Label Printer
Print Width	0.62 in (15.8 mm)
Lines per Label	Up to 5 lines
Media	HGe & TZe Tapes, HSe Heat Shrink Tube, STe Stencil
Media Sizes (width)	3.5 mm, 6 mm, 9 mm, 12 mm, 18 mm
Included Computer Software ²	Windows® Printer Driver, P-touch Editor v6.x for Windows®, P-touch Editor v5.x for Windows® (with Cable Labeling Wizard), Transfer Manager v2.x for Windows®, Printer Setting Tool for Windows®, Transfer Express for Windows®, Update Software for Windows®, Driver Deployment Wizard for Windows®, Firmware Update Tool for Windows® & Mac®
Memory	Download: Up to 99 templates, databases & images (6 MB) Standalone: Up to 99 files (1,800 characters / file)
Operating Systems	Computer: Windows® 11/10 (32/64 bit) / Mac® macOS 12.x or Later / Mobile: Android™ 10 or Later, / iOS® 16 or Later
Maximum Print Resolution	180x180 dpi (Standalone & Computer)
Mobile Apps ²	Pro Label Tool for Android™ & iOS® / iLink&Label for Android™ & iOS® / Mobile Transfer Express for Android™ & iOS® Print SDK Demo for Android™
SDK Support	Windows®, Android™, iOS®
Interfaces (Profile)	USB Type-C®, / Bluetooth® Ver. 5.0 (SPP) / MFi (iAP)
Display	128 x 56 Back-Lit Graphic LCD (15 Characters x 2 Lines)
Keyboard	QWERTY layout with rubber keys
Cutter	Manual Lever Cutter with Cut / Pause Feature
Print Speed ³	Up to 0.8ips (20mm/sec)
Function Keys	6 keys, 12 functions (General, Faceplate, Cable Wrap / Heat Shrink Tube / Barcode, Cable Flag / Serialize, Patch Panel / Terminal Strip / Advanced Serialization, Punch Block / Database)
Copy / Serialization	Up to 99 / 1-2 fields individually / simultaneously (alpha-numeric)
Resident Fonts	7 (Helsinki, Brussels, Los Angeles, Atlanta, Adams, Sofia, Letter Gothic)
Font Sizes / Styles	8 Sizes / 10 Styles (Standalone)
Rotated Characters	Up to 16 Alpha-Numeric Characters (on 18mm Tape)
Invert, Mirror & Vertical Printing	Yes
Resident Barcodes	1D (9): Code39, Code128, I-2/5 (ITF), UPC-A/E, EAN-8/13, GS1-128 (UCC/EAN-128), CODABAR (NW-7) 2D (2): QR Code, Data Matrix
Symbol Library	477 (59 voice / data and audio visual, 109 electrical, 104 safety, 205 misc.)
Drop Prevention	Wrist Strap
Product Dimensions / Weight	5.31 in x 9.27 in x 2.76 in (135 mm x 236 mm x 70 mm) / 1.73 lbs. (0.8 kg) without Tape Cassette & Battery
Energy Efficiency	Energy Star Certified
Power Supply	BA-E001 Li-ion Battery Pack (Standard), PA-AD-004 USB-C PD AC Adapter (Optional)
Battery Charge Time	As fast as 3 hours ⁴
Operating Temperature / Humidity	50° F to 95° F (10° C to 35° C) / 20% to 80% non-condensing
Carton Contents	Protective Case, Wrist Strap, Li-ion Battery, USB-C Cable, Patch Panel Ruler, TZeFX241 Tape
Warranty	1-year limited exchange warranty

