



# Pro Labelling Machine

PT-E310BTVP

## Built with electricians and network professionals in mind

The PT-E310BT offers a professional labelling solution for any electrical or datacom installation. Ensuring cables, conduits, switches and sockets are clearly identified with long-lasting, durable labels is essential for electricians, datacom, telecom and security equipment installers. With built-in, industry-specific functions and one-touch applications keys, as well as Bluetooth connectivity, the PT-E310BT allows for quick and efficient printing, wherever you are on-site.

### PT-E310BTVP



### Key features:

- Create durable labels via the built-in, easy-to-use labelling functions, PC software or simply connect to your smartphone or tablet via Bluetooth and use the Brother Pro Label Tool app
- Large backlit graphic display
- Prints durable labels up to 18mm wide
- Print speeds of up to 20mm/sec and built-in industrial strength cutter with cut/pause to help reduce waste
- 6x one-touch application keys for general, faceplate, cable flag/wrap, punch down block and patch panel identification
- Print labels containing QR code/2D barcode and logos
- Compatible with Brother's range of Pro Tapes, which are specially designed for industrial labelling applications and provide resistance to water, abrasion, chemicals and temperature extremes



**brother**  
at your side

## General

### Carton contents

PT-E310BT labelling machine, Li-Ion rechargeable battery, USB Type-C cable (1m, black), 1x 18mm black on yellow strong adhesive tape, documentation, carry case

### Language support

20 (English, German, French, Spanish, Portuguese, Portuguese (Bra), Italian, Dutch, Danish, Norwegian, Swedish, Finnish, Hungarian, Czech, Polish, Romanian, Slovenian, Slovakian, Croatian, Turkish)

## Weights and dimensions

### Machine only (W) x (D) x (H)

135mm x 235.5mm x 70.3mm

### Weight (Kg)

0.785kg

## Printing

### Print Resolution

180 dpi / 128 dots

### Max. Print Speed

USB-PD adapter  
(PA-AD-004): 20 mm/sec  
Batteries: 20 mm/sec

### Max. Print Width (mm)

3.5, 6, 9, 12, 18mm

### Max. Print Height (mm)

15.8mm

### Cutter

Manual

### Cutter Type

Scissors

### Dedicated labelling functions

General ; Faceplate  
Cable Wrap ; Cable Flag  
Patch Panel ; Punch Block  
Heat Shrink Tube ; Advanced  
Serialisation

## Design

### Design type

Handheld

### Housing colour

Orange & black

### Keyboard

QWERTY, QWERTZ, AZERTY

### Keyboard material

Rubber

### Key print

Text

### Number of keys

64

## Display

### LCD Size

67mm x 40mm

### LCD Specification

Graphic, 128x56 dots

### Preview

Real preview

### Text viewable within LCD

16 chrs x 3 lines  
(uses 15 chrs x 2 lines)

### Backlight

Yes

**Power Supply****Li-Ion Battery**  
BA-E001**USB-PD adapter**  
PA-AD-004 (not included)**Auto Power Off****Battery:** 20min.  
(Off, 10 min. ~ 1 hr.)**USB Charge:** 20min.  
(Off, 10min. ~ 12 hrs.)**Interfaces****PC Connection**

Yes

**Interfaces**

USB, Bluetooth

**Bluetooth**

Version 5.0 (SPP/iAP)

**USB****Win:** USB 1.1, 2.0, 3.0**Mac:** USB 1.1, 2.0**MFi**

Yes (3.0)

**Software &  
App compatibility****Software**

P-touch Editor (version TBC)

**App**

Brother Pro Label Tool

**Compatible OS****Android**

9, 10, 11, 12, 13

**iOS**

15, 16

**Windows**

Win 10, 11

**Mac**

11, 12, 13

**Memory****Maximum characters  
per label**

1,800

**Label memory locations**

99

## Label Design (Software)

### Number of Characters (without space)

684

### Number of Accented-Alphabets

147

### Number of Symbols

476

### Character Size

7 Kinds  
(Auto/6/9/12/18/24/36/42pt)

### Character Widths

5 Kinds (x2, x3/2, x1, x2/3, x1/2)

### Fonts

7 kinds  
(Helsinki, Brussels, Los Angeles, Atlanta, Adams, Sofia, Letter Gothic)

### Character Style

10 Kinds  
(Normal/Bold/Outline/Shadow/Solid/Italic/Italic Bold/Italic Outline/Italic Shadow/Italic Solid)

### Frame

7

### Underline

Yes (one of the styles)

### Strikeout

Yes (one of the styles)

### Barcode

11 kinds  
(CODE39, ITF 2/5, EAN13, EAN8, UPC-A, UPC-E, CODABAR, GS1-128(UCC/EAN128), CODE128, QR code, Datamatrix)

1D barcodes for transferred templates only;  
RSS-14 (Standard, Truncated, Stacked, StackedOmni),  
RSS-Limited, RSS Expanded (Standard, Stacked)

2D barcodes for transferred templates only;  
PDF417, AztecCode

## Label Format (Software)

### Text Buffer

Max. 1800 chrs

### Multi Line Printing (Max)

5 lines

### Multi Block Printing (Max)

99 blocks

### Minimum Label Length

30mm

### Tape length setting

Auto, 25 ~ 300mm (depending on label type setting)

### Tape margin settings

1. Large Margin
2. Small Margin
3. Chain
4. No Cut
5. Special Tape

### Horizontal Alignment

Left, Centre, Right, Just

### Text insert/overwrite

Insert only

## Printing (Software)

### Copy (Repeat) Printing

Yes (1-99)

### Mirror Printing

Yes

### Numbering

Yes (1-99)  
Simultaneous, Advanced, Octal, Decimel, Hexadecimel

### Print Preview

Yes

### Vertical Printing

Yes (in label type setting)

### Rotated text (for cable labelling)

Rotate once | Rotate and repeat