

P-touch® PT-E500VP labeller with PC connectivity and auto cutter

DESIGNED BY INDUSTRY PROS FOR INDUSTRY PROS



Electrical



Security



Data Communication



Audio Visual



Downloads and stores custom labels and databases from your PC to take your projects to the job site



The full-featured labeller with PC c

When industry professionals design the labeller they really want ...

The P-touch PT-E500VP is the result.

It has the powerful features they want to handle bigger, more complex projects. It can even connect to a PC and download and store data for use at the job site. But it's also remarkably easy to use by practically anyone, by design.

Clearly and accurately marking your work is the sign of a professional. In today's increasingly complex data centers it's also a necessity.

Specs on many projects now require extended ANSI/EIA/TIA 606x identifiers. As such, there's a lot more detailed information to manage, and a lot more to accommodate on each label.

The PT-E500VP produces durable, laminated labels up to 24mm wide. It combines powerful technology with advanced features and intuitive operation that help make the labelling job faster, simpler and more efficient for your entire crew – without the need to read a manual.

A new standard for jobsite accuracy and efficiency

The PT-E500VP raises the bar for jobsite accuracy and efficiency with its smart technology, PC connectivity and high performance features that minimize keystrokes and dramatically increase labelling speed and productivity in the field.

With the PT-E500VP practically anyone can create and print the labels they need in seconds, simply by using its clearly marked buttons, built-in preformatted templates, and by following its on-screen prompts. They can populate those labels with data from downloaded databases to minimize keystrokes, or enter the data manually using the comfortable QWERTY keyboard.

So even generating serialized labels that address ANSI/EIA/TIA-606x standards can become easier. Producing properly spaced auto-incremented patch panel labels in a single strip can go faster. So can marking wires with heat-shrink tube. Or printing cable wrap labels with rotated text. Even making barcode labels is simple with the PT-E500VP.

Practically every routine labelling task your crews now face – and the more challenging ones emerging – can be handled faster and more efficiently with the PT-E500VP.



Smart label application keys save time

Smart label application keys offer preformatted templates for the types of labels electrical and datacom contractors, and A/V and security system installers, use frequently.

These can help almost anyone make the right label every time, quickly and easily.



Change supplies fast with drop-in tape cassettes

The PT-E500VP uses interchangeable, drop-in HSe and TZe tape cassettes that already contain all the materials required to produce durable laminated labels in the colour, size or adhesive type you want. Changing label colours, sizes or adhesive types takes seconds. Just pop in the cassette you need and you're good to go.

When you make a label with the PT-E500VP, your text, symbols and barcodes are printed on the underside of a clear protective laminate and then bonded to the adhesive and other substrates as the label is printed. So the label that emerges is already laminated, includes an easy-peel backer, and is ready to cut, peel and apply.

The laminated labels you can produce with the PT-E500VP have been engineered to stand up to harsh environments, indoors and outdoors. They can withstand temperatures from -30 degrees (C) to 100 degrees (C), moisture, harsh UV, abrasion, grease and industrial solvents like acetone, and remain affixed and clearly readable for years.

Connectivity to handle bigger projects

Make bigger projects more manageable with these features

Easy to Use

Turn on the labelling tool, the bright large LCD display helps you see clearly what you are doing

Intuitive label application keys and smart technology takes the guess work out to get the right type of label for your application every time

QWERTY keyboard helps you to enter data naturally like texting or sending a message

Print Labels From a database helps save time and helps reduce human input error



Powerful Features

- **Large backlit LCD display** provides at-a-glance view of label design settings, including application icons and allows you to preview and edit label markings prior to printing.
- **Automatic smart font-sizing** technology enables printing of clearly formed, readable characters on durable laminated labels up to 24mm wide – perfect for conforming to the short and long ANSI/EIA/TIA 606x identifier format.
- **Built-in automatic cutter** can be set to cut labels to specified lengths, whether they are for labelling faceplates, patch panels, punch blocks or general cable runs.
- **PC connectivity and built-in software** allow you to download and store data from common databases, as well as custom or pre-formatted label templates, which can be saved and downloaded in the office to generate labels with text, symbols and barcodes in the field. This can save time on the job and help to minimize human error.
- **Faster label printing speeds**, coupled with automated label cutting, speeds up onsite workflow and increases installation efficiency and productivity.
- **Durable laminated** labels encapsulate the print between two protective layers to ensure long-term integrity and readability. P-touch industrial thermal printers use UL-recognized labels, and the PT-E500VP is compatible with HSe and TZe tapes that offer adhesive and colour choices for virtually any labelling application.
- **Heat Shrink Tube (HSe)** in convenient drop in cartridges designed for the PT-E500VP make switching between laminated labels and heat shrink tube easier than ever. Just swap the cartridge! Perfect when you need a smooth, lasting heat shrink identifier for narrow gage or bundled wire and cable.
- **Advanced Alpha and Numeric Serializing** allows installers to quickly pre-print labels for a project by automatically incrementing a number and/or letter individually or simultaneously.

P-touch[®]

Easy to use. Powerful features.

The PT-E500VP was clearly designed to help make projects go faster and more efficiently – from start to finish. Drop in an HSe or TZe tape cassette for the tape colour, size and adhesive type you need. Choose the application you want. Enter the text into a preformatted template or one you've created and stored on the PT-E500VP already. Add industrial symbols from the hundreds built-in, and create and add industry-standard barcodes using the 9 built-in symbologies.

Then print and cut your label. Peel and apply. That's how it's done.

Tapes for practically every application

HSe and TZe tape cassettes are available in a wide range of colours, sizes and adhesive types to match your labelling application.

Flexible ID Tape:

For wrapping and flagging wires and cables.

Extra-Strength Adhesive Tape:

For rough, textured and powder-coated surfaces.

Standard Adhesive Tape:

For flat, smooth surfaces.

And now, for the PT-E500VP, there's **Heat Shrink Tube**.

All of these tapes are available on easy-swap, drop-in cassettes. So it only takes seconds to go from using Flexible ID Tape to wrap and flag cables and wires, to Extra-Strength Adhesive Tape to mark load centers and electrical panels, to Standard Adhesive Tape to mark outlet covers and faceplates.

Specifications

Print Speed	Up to 1.2 ips (30 mm/sec) – HSe, TZe Tape
Lines per Label	Up to 7 Lines (Horizontal)
Rotated Characters	Up to 25 Alpha-Numeric Characters (24 mm tape)
Label Application Keys	Cable Wrap, Cable Flag, Patch Panel, Punch Block, Faceplate, Database, Barcode, Standard & Advanced Serialize
Serializing Range	Increments 1 or 2 Fields Individually or Simultaneously (Up to 50 Alpha or Numeric Characters, Up to 9 Units/Increment)
Print Bar Codes	Code39, Code128, ITF, UPC-A/E, EAN-8/13, GS1-128 [UCC/EAN-128], Codabar
Media Sizes (width)	24 mm, 18 mm, 12 mm, 9 mm, 6 mm, 3.5 mm
Power Supply	BA-E001 Li-ion Battery Pack, AD-E001 AC Adapter (Both Standard) 6 AA Alkaline Batteries (Optional)
Dimensions/Weight	4126 mm x 250 mm x 94 mm (w x h x d) / 0.9 kg (without tape and batteries)
Warranty	1 Year Limited Exchange Warranty

Available tapes*

Brother® standard laminated TZe tape 						
8 M LONG / 26.2' LONG (UNLESS OTHERWISE INDICATED)	3.5 MM	6 MM	9 MM	12 MM	18MM	24MM
Black on White		TZe-211	TZe-221	TZe-231	TZe-241	TZe-251
Black on Clear		TZe-111	TZe-121	TZe-131	TZe-141	TZe-151
Black on Yellow				TZe-631	TZe-641	TZe-651
Black on Blue				TZe-531		
White on Black		TZe-315	TZe-325	TZe-335	TZe-345	TZe-355
White on Lime Green**				TZe-MQG35		
White on Berry Pink**				TZe-MQP35		
Red on White			TZe-222	TZe-232	TZe-242	TZe-252
Blue on White			TZe-223	TZe-233	TZe-243	TZe-253
Gold on Black				TZe-334	TZe-344	TZe-354
Black on Red				TZe-431		TZe-451
White on Blue					TZe-545	
Black on Green				TZe-731		
White on Clear				TZe-135		
Red on Clear				TZe-132		
Blue on Clear				TZe-133		
White on Red				TZe-435		
Black on Fluorescent Orange**					TZe-B41	TZe-B51
Brother® extra strength adhesive laminated TZeS tape						
Black on White		TZe-S211	TZe-S221	TZe-S231	TTZe-S241	TZe-S251
Black on Clear				TZe-S131	TZe-S141	TZe-S151
Black on Yellow				TZe-S631	TZe-S641	TZe-S651
Brother® flexible identification laminated TZeFX tape						
Black on White				TZe-FX231	TZe-FX241	TZe-FX251
Brother® super narrow non-laminated TZe tape						
Black on White	TZe-N201					
HSe Heat Shrink Tube - Individual heat shrink tube designed for the model PT-E500VP and PT-E300VP. 1.5m (4.9ft) long; 2:1 shrink ratio / 300V / 125°C / VW-1 ^Δ						
HEAT SHRINK TUBE WIDTH:	5.8 mm	8.8 mm	11.7 mm	17.7 mm	23.6 mm	
RECOMMENDED FOR (OUTSIDE DIAMETER):	1.7-3.2 mm	2.6-5.1 mm	3.6-7.0 mm	5.4-10.6 mm	7.3-14.3 mm	
Black on White	HSe-211	HSe-221	HSe-231	HSe-241	HSe-251	

* Requires additional purchase

** 5 meters long

^Δ Only for PT-E500VP and PT-E300VP, will not work in other models. HSe tube is a printable heat shrink tubing designed for the model PT-E300VP and PT-E500VP handheld labelling tool to mark cables, fiber and wire