

P-touch®

ELECTRONIC LABELLING SYSTEMS

PT-1650

DOWNLOAD READY

Perfect for:

- Telecom & datacom
- Asset management
- Property management
- Manufacturing
- General office

At your side.
brother
Reliability ★★★★★



Customizable Industrial Handheld Labelling System

Transfer data & designs from your PC to print custom labels anytime, anywhere!



KEY FEATURES:

- Portable and rugged design
- Download custom templates (with a database), and graphics to internal, non-volatile memory
- Prints labels from 1/4" (6mm) to 1" (24mm) wide
- Built-in telecom/datacom templates – wire/cables, patch panels, faceplates
- Makes rotated, vertical and horizontal labels
- Prints industry-standard bar codes
- Uses easy-swap interchangeable TZ tape cassettes
- Includes carrying case and rubber impact guards

At your side.
brother

Professional features simplify your labelling jobs



Great for On-the-Go use

- Light weight, vertical handheld design
- Rubber impact guards
- Adjustable wrist/neck strap
- Hard-sided carry case
- 6 "AA" batteries included
- Easy one handed operation

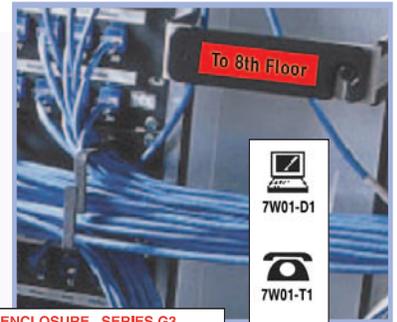
Commercial/Industrial Users Love

- Download custom templates (with a database), and graphics to internal, non-volatile memory for printing in the field
- Rotated, vertical, and horizontal printing
- Makes labels in strips, or one at a time
- Built-in telecom/datacom label templates
- Built-in alpha-numeric sequencing
- Single-step operation to change label types - no retyping necessary
- Large built-in library of industrial and office symbols
- Prints scannable bar codes in seconds
- Quick-swap interchangeable tape cassettes in a wide variety of tape sizes, types and colors

Handles your most demanding labelling challenges

Telecommunications

- Electrical panels
- Patch panels
- Circuit boards
- Wiring & cabling applications
- Faceplates
- Truck bins
- Company tools



TYPE 1 ENCLOSURE SERIES G3
MAINS: 100 Amp. Max. 120/240 VAC 1 Ph. 3W.
CAUTION: USE ONLY NO. 2 THROUGH NO. 7 CIRCUIT POSITIONS. DO NOT REMOVE TWISTOUTS NUMBERED 1 OR 8, REMOVE TWISTOUTS ONLY WHEN CIRCUITS ARE INSTALLED. CLOSE UNUSED CIRCUIT BREAKER OPENINGS WITH FILLER PLATES.



Asset & Property Management

- Bar code labels
- Serial number labels
- Sequential alpha/numeric labels
- Field recording devices
- Shelf/rack identification
- Truck/van keys



Manufacturing

- Safety/warning labels
- Servicing instructions
- Small shelf signage
- Utility cabinets
- Warranty information



Professional labelling from an industrial labeller.



Rubber impact guards
and carry case

Built-in telecom/datacom
templates and symbols

Rotated, vertical and
horizontal printing

Multi-line printing
(up to 7 lines)

Scannable industry
standard bar codes

Repeat printing up to
99 copies

Auto alpha/numeric
sequential label printing

Built-in memory functions

Built-in tape cutter

Flexible ID and Extra Strength
Adhesive Tape included



Transfer data & designs from your PC to print custom labels anytime, anywhere!

Store in your PT-1650's flash memory:

- Database (Access®, Excel®, and others)
- Logos, symbols and graphics
- Customized label templates

Here's how the PT-1650 download feature works:

- Prepare** data, graphics and label templates from your PC.
- Transfer** the data, via USB, to your PT-1650's memory.
- Disconnect** the PT-1650 from your PC.
- Create & print custom labels 'on the go'.**

Note: Download feature for customization only. Does not operate as a computer label printer.

PT-1650 Specifications

PRINTING FEATURES

- Prints durable laminated labels (up to 1" (24mm) wide)
- Prints rotated text/graphics for easy cable/wire wrapping
- Prints up to 7 lines or up to 21 rotated characters, depending on width of tape
- Includes 9 industry standard bar code protocols
- Prints text in 8 sizes and 4 character widths
- Auto sizing, sequential alpha/numeric and repeat printing
- Automatic cable/wire and patch panel label generation
- 180 dpi printing

LABEL-DESIGN FEATURES

- 10 P-touch function keys for downloading and storing customized label templates (with a database) and graphics
- Block formatting for easy entry of patch panel data
- Built-in telecom templates for patch panels, cables, wires and faceplates
- A full selection of telecom/datacom industry symbols
- Special formatting features including alignment and framing

EASE-OF-USE FEATURES

- Easy grip, vertical style machine
- Lightweight, less than 700 g.
- ABCD/number keyboard
- LCD display: 15 characters x 2 lines
- Uses interchangeable TZ tape cassettes; allows you to switch tape sizes, color and adhesive types in seconds
- Memory to store frequently used label designs created directly from the PT-1650 keyboard
- Industrial tape cutter

CARTON CONTENTS

- PT-1650 Labelling System
- Flexible ID Laminated Tape
- Extra Strength Adhesive Laminated Tape
- User manual
- 6 AA batteries
- Wrist/neck strap
- Protective carrying case
- Rubber impact guards
- CD containing P-touch Editor v3.2 software
- USB cable

SPECIFICATIONS

- Powered by 6 alkaline AA batteries (included) or optional AC adapter (not included)
- One year limited warranty
- Unit dimensions: 117mm x 239mm x 81mm (w, h, d)
- Unit weight: 610 g. without batteries

| System Requirements | |
|----------------------|--|
| Computer | IBM PC/AT or compatible |
| Operating system | Microsoft® Windows® 98, 98 SE, Me, 2000 Professional, XP Professional or XP Home Edition |
| Processor | Pentium 166 MHz or higher (XP Professional and XP Home Edition: Pentium 300 MHz or higher) |
| Memory | At least 64 MB (XP Professional and XP Home Edition: 128 MB or higher) |
| Hard disk free space | At least 20 MB (100 MB for full installation) |
| Monitor | 800 x 600 dpi (SVGA)/High Color or higher |
| USB port | Available |
| CD-ROM drive | Available |

OPTIONAL ACCESSORIES *

- All TZ tapes
- AC adapter (AD-60)

* Requires additional purchase



Better performing labels by design ...

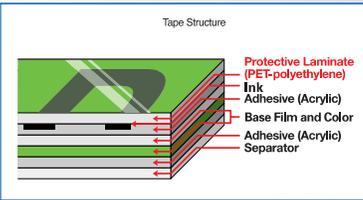
P-touch TZ Laminated tapes are legendary for their durability and crisp appearance even when subjected to temperatures from -30 to 100 °C, water, grease, grime, and industrial solvents like acetone. Our patented lamination process – where the text and graphics are printed under a clear protective laminate – is a critical factor in producing labels that remain clearly readable for years, even in the harshest environments, and resist abrasion and fading.

All available in interchangeable, no-waste TZ cassettes ...

With the PT-1650, you can produce durable laminated labels in a variety of colors, in sizes from 1/4" (6mm) to 1" (24mm) wide, and with a variety of adhesives to meet your specific labelling challenges. Changing colors, sizes and adhesive types is as quick and easy as popping in a different TZ tape cassette. It only takes seconds, and there's no waste – the cassette you replace can be used again and again, even in other TZ-compatible labellers that accept the same size, until the tape in that cassette is depleted.

General Tape Features

- Laminated construction for durability
- Single-piece cartridges



- Over 8m long – Makes 100 three-inch labels

← 8m LONG →

Tape Suggestions:

| | Flat Surface | | Large Curved Surface (more than 8 mm diameter) | | Small Curved Surface (less than 8 mm diameter) | |
|-------------------------------|--------------|----------|--|----------|--|----------|
| | smooth | textured | smooth | textured | smooth | textured |
| Standard Laminated Tapes | ● | ✘ | ▲ | ✘ | ✘ | ✘ |
| Extra Strength Adhesive Tapes | ● | ● | ● | ● | ✘ | ✘ |
| Flexible ID Tapes | ▲ | ✘ | ▲ | ✘ | ● | ● |
| Tamper Evident Laminated Tape | ● | ✘ | ▲ | ✘ | ✘ | ✘ |

● suggested ▲ acceptable ✘ not suggested

Special Applications: For wrapping or flagging cylindrical shaped items, such as wires and cables, we suggest TZFX Flexible ID Laminated Tape. For applying labels to fabric, we suggest TZFA Fabric Iron-on Tape.

Standard Adhesive Tape – Laminated

For Flat, Smooth Surfaces, Indoors and Outdoors

Perfect for labelling:

- File folders and binders
- Name badges
- Small signage

The widest selection of colors and sizes for everyday home, home/office and general business office needs.

Our standard adhesive tapes are designed for flat, smooth surfaces, and resist water, grease or grime – the laminated surface wipes clean – and fading and abrasion. They also withstand temperatures from -30 to 100 °C and can be used for indoor and outdoor applications.

| 8m long, unless otherwise noted | 1/4" | 3/8" | 1/2" | 3/4" | 1" |
|---------------------------------|------|------|------|------|----|
| BLACK ON WHITE | ✓ | ✓ | ✓ | ✓ | ✓ |
| BLACK ON CLEAR | ✓ | ✓ | ✓ | ✓ | ✓ |
| BLACK ON CLEAR MATTE | | | ✓ | ✓ | ✓ |
| BLACK ON RED | | | | ✓ | ✓ |
| BLACK ON YELLOW | | | ✓ | ✓ | ✓ |
| BLACK ON GREEN | | | ✓ | | |
| BLACK ON BLUE | | | ✓ | | |
| BLACK ON FL. ORANGE | | | | ✓ | ✓ |
| WHITE ON BLACK | ✓ | ✓ | ✓ | ✓ | ✓ |
| WHITE ON CLEAR | | | ✓ | ✓ | ✓ |
| WHITE ON BLUE | | | | ✓ | ✓ |
| RED ON WHITE | | ✓ | ✓ | ✓ | ✓ |
| BLUE ON WHITE | | ✓ | ✓ | ✓ | ✓ |
| GOLD ON BLACK | | ✓ | ✓ | ✓ | ✓ |

*5m long

Extra Strength Adhesive Tape – Laminated

For Tough Applications

Perfect for labelling:

- Harsh environments
- A variety of plastics
- Painted surfaces
- Textured surfaces

Produce labels with stronger adhesive strength than our standard laminated labels.

P-touch Extra Strength Adhesive Tapes are an exciting breakthrough in labelling your most challenging surfaces. Their extraordinary adhesive properties — up to twice as strong as our standard laminated labels — make them ideal for the toughest labelling tasks you face.

| 8m long | 1/4" | 3/8" | 1/2" | 3/4" | 1" |
|-----------------------|------|------|------|------|----|
| BLACK ON WHITE | ✓ | ✓ | ✓ | ✓ | ✓ |
| BLACK ON CLEAR | | | ✓ | ✓ | ✓ |
| BLACK ON YELLOW | | | ✓ | ✓ | ✓ |
| BLACK ON MATTE SILVER | | | | ✓ | ✓ |

Flexible ID Tape – Laminated

Special Adhesive For Bending, Wrapping & Flagging

Perfect for labelling:

- Cable & wire*
- Vials, beakers & test tubes
- Pipes and other round surfaces
- Electrical fittings and connectors*

* Not suitable as an electrical insulator

| 8m long | 1/4" | 3/8" | 1/2" | 3/4" | 1" |
|----------------|------|------|------|------|----|
| BLACK ON WHITE | | ✓ | ✓ | ✓ | ✓ |

Tamper Evident Tape – Laminated

Security Pattern Appears If Removed

Perfect for labelling:

- Computers / electronic devices
- Equipment after calibration
- Furniture & other company property
- Items sealed for security

| 8m long | 1/4" | 3/8" | 1/2" | 3/4" | 1" |
|----------------|------|------|------|------|----|
| BLACK ON WHITE | | ✓ | ✓ | ✓ | ✓ |

For P-touch information, call 1-877-BROTHER (1-877-276-8437)

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