



# Effortless Integration



The TD-4 Series Professional  
4 Inch Desktop Barcode  
Label and Receipt Printers



Brother's range of TD-4 professional printers offer the ability to print high quality barcodes, labels and receipts on demand, whatever the requirement. Printing media up to 4 inches in width, and with direct thermal and thermal transfer print technology, they fit the requirements of a large range of vertical market applications.



### Effortless integration

Experience improved operational efficiency with seamless integration into existing and future workflows utilising Bpac, Software Development Kits (SDK's), PDF Crop tool, BarTender and the support of a variety of printer command systems, including ZPLII emulation

### Reliable technology

Thermal technology is made up of less moving parts delivering greater reliability for your business

### A full thermal print solution

Design and print from start to finish with Brother's free P-touch Editor label design software. With hundreds of templates and barcode creation, label development for any vertical can be achieved

### Warranty

Delivering peace of mind with a 2 year return to base warranty on hardware and a 6 month return to base warranty on print heads. Rapid exchange is also available as an optional add-on

### Versatile connectivity options



There's a connectivity option for every solution with USB, Wireless, Network, Bluetooth, AirPrint and dual wireless radio band available across different models





# The Full Range

## Thermal Transfer

203dpi	 TD-4420TN	 TD-4420TNP	 TD-4420TNC
300dpi	 TD-4520TN	 TD-4520TNP	 TD-4520TNC
203dpi	 TD-4650TNWB	 TD-4650TNWBP	 TD-4650TNWBC
300dpi	 TD-4750TNWB	 TD-4750TNWBP	 TD-4750TNWBC

## Direct Thermal

203dpi	 TD-4420DN	 TD-4420DNP	 TD-4420DNC
300dpi	 TD-4550DNWB	 TD-4550DNWBP	 TD-4550DNWBC

# Professional Label Printing



Labels are often required to display a considerable amount of important information, so you need a printer that can put it all together efficiently, with consistent, high-quality results.

The TD-4 Series of desktop label printers offers direct thermal and thermal transfer high speed printing, at up to 300 dpi resolution. Options include a peeler or automatic cutter, for producing continuous media to your required length on demand.

The software supports barcode printing, embellish font programming for highlighting specific words, and also allows you to import graphics and date formats for a truly personalised solution.



## Printing Technology

### Thermal Transfer

Crisp, durable printing is achieved through a process in which the image is imprinted onto the label or paper via a coated ribbon, making it ideal for applications that require robust, harder-wearing labels.

### Direct Thermal

Low-cost, high-volume labels can be created through this process, which uses a heat-sensitive coating and thermal print head, meaning traditional printing ribbons and ink are not required. Ideal for shorter term and less permanent labelling uses.



# Healthcare, Medical and Laboratory



With the strict regulations on the tracking of patient specimens and other items within the healthcare industry, clear, high quality labelling is essential to maintain safety and traceability.

## Applications ideal for:

- Appointment cards
- Admission labels
- Specimen and pathology labels
- Laboratory labels
- Microbiology labels
- Dosage/drug bag labels





# Warehousing and Logistics



Efficient warehousing operation and worker productivity are critical to the success of many companies. With the most common sizes of shipping labels available and the ability to create custom size labels there are many uses for these models in the warehouse.

## Applications ideal for:

- Shipping labels
- Carton labels
- Location labels
- Pallet identification labels
- Quality control labels
- Compliance labels





# Retail



Easy to read labels are essential for consumers to help make informed decisions prior to making a purchase. The high print resolution and high quality labels used in this range ensure that every output printed looks professional, offering sharp text, logos and barcodes with a high contrast to ensure faultless scanning at the checkout.

## Applications ideal for:

- Pricing labels
- Barcode labels
- Pre-packaged food ingredients labels
- Nutrition information labels
- Shelf-edge labels
- Sale/mark-down/discount pricing labels



# TD Range Brief Summary

TD-4420TN	TD-4420TNP	TD-4420TNC	TD-4520TN	TD-4520TNP	TD-4520TNC	TD-4650TNWB	TD-4650TNWBP	TD-4650TNWBC	TD-4750TNWB	TD-4750TNWBP	TD-4750TNWBC
<b>4 Inch</b>											

## Printing

Print technology	Thermal Transfer											
Print speed	152.4mm/sec			127mm/sec			203mm/sec			152mm/sec		
Resolution	203dpi			300dpi			203dpi			300dpi		
Max print width	108mm			105.7mm			108mm			105.7mm		
Max media length	25,400mm			11,430mm			25,400mm			11,430mm		
Min print length	5mm	Peeler: 25.4mm	Cutter: 25.4mm, Tear: 50mm	5mm	Peeler: 25.4mm	Cutter: 25.4mm, Tear: 50mm	5mm	Peeler: 25.4mm	Cutter: 25.4mm, Tear: 25.4mm	5mm	Peeler: 25.4mm	Cutter: 25.4mm, Tear: 25.4mm
Media sensor type	Gap (Transmissive), Bar (Reflective)											
Media sensor location	Gap (Fixed), Reflective (Adjustable)											
Release mode	Continuous, Tear off	Peeler	Cutter	Continuous, Tear off	Peeler	Cutter	Continuous, Tear off	Peeler	Cutter	Continuous, Tear off	Peeler	Cutter

## Connectivity

USB	●	●	●	●	●	●	●	●	●	●	●	●
Serial	●	●	●	●	●	●	●	●	●	●	●	●
Wired LAN	●	●	●	●	●	●	●	●	●	●	●	●
USB Host Port	●	●	●	●	●	●	●	●	●	●	●	●
Bluetooth							●	●	●	●	●	●
Wireless LAN							●	●	●	●	●	●
Airprint												

## General

Dimensions (mm)	204(w) x 280(d) x 177.5(h)	204(w) x 333(d) x 177.5(h)	204(w) x 322(d) x 177.5(h)	204(w) x 280(d) x 177.5(h)	204(w) x 333(d) x 177.5(h)	204(w) x 322(d) x 177.5(h)	219(w) x 284(d) x 191(h)	219(w) x 328(d) x 191(h)	219(w) x 339(d) x 191(h)	219(w) x 284(d) x 191(h)	219(w) x 328(d) x 191(h)	219(w) x 339(d) x 191(h)
Weight	2.5kg	2.68kg	2.87kg	2.5kg	2.68kg	2.87kg	3kg	3.18kg	3.37kg	3kg	3.18kg	3.37kg
Control panel	1 button 1 LED with 3 colours						6 buttons, 1 LED 3 colours					
LCD							● ● ● ● ● ●					
Operating system support	Windows 7/8/8.1/10, Windows Server, 2008/2008R2/2012/2012R2/2016, OS X 10.10.x,10.11.x, macOS 10.12.x, 10.13.x, 10.14.x, Linux						Server 2019, Windows 7/8/8.1/10, Windows Server, 2008/2008R2/2012/2012R2/2016, OS X, 10.10.x,10.11.x, macOS 10.12.x, 10.13.x, 10.14.x, Linux					
Supported commands	FBPL-EZD (EPL, ZPL, ZPL II, DPL) emulation											



TD-4420DN	TD-4420DNP	TD-4420DNC	TD-4550DNWB	TD-4550DNWBP	TD-4550DNWBC
<b>4 Inch</b>					

## Printing

Print technology	Direct Thermal					
Print speed	203.2mm/sec			152.4mm/sec		
Resolution	203dpi			300dpi		
Max print width	104.1mm			108.4mm		
Max media length	3,000mm					
Min print length	Continuous: 6.4mm	Continuous: 6.4mm, Peeler: 12.7mm	Continuous: 6.4mm Cutter: 20mm, Tear: 27mm	Continuous: 6.4mm	Continuous: 6.4mm, Peeler: 12.7mm	Continuous: 6.4mm Cutter: 20mm, Tear: 27mm
Media sensor type	Gap (Transmissive), Bar (Reflective)					
Media sensor location	Gap (Fixed), Reflective (Adjustable)					
Release mode	Continuous, Tear off	Peeler	Cutter	Continuous, Tear off	Peeler	Cutter

## Connectivity

USB	●	●	●	●	●	●
Serial	●	●	●	●	●	●
Wired LAN	●	●	●	●	●	●
USB Host Port				●	●	●
Bluetooth				●	●	●
Wireless LAN				●	●	●
Airprint	●	●	●	●	●	●

## General

Dimensions (mm)	180(w) x 224(d) x 155(h)					
Weight	2.08kg	2.30kg	2.45kg	2.08kg	2.30kg	2.45kg
Control panel	3 buttons 3 LED			7 buttons 3 LED		
LCD				●	●	●
Operating system support	Windows 7/8/8.1/10, Windows Server, 2008/2008R2/2012/2012R2/2016, Linux, MacOS X 10.5.2 or greater (Using Built-in ZPL printer driver. Please click <a href="#">here</a> to contact us prior to purchase for setup instructions)					
Supported commands	P-touch Template, ESC/P, Raster, ZPL II emulation, CPCL emulation					



# TD-4T Accessories and Consumable Supplies

4-inch Barcode Label and Receipt Thermal Transfer Desktop Printers

TD-4750TNWB    TD-4650TNWB  
 TD-4750TNWBP    TD-4650TNWBP  
 TD-4750TNWBC    TD-4650TNWBC

Brother has designed and engineered a wide range of accessories to create customised solutions that meet your specific labelling requirements.

Brother accessories help users equip their device to cope with the specific requirements of use.



## TD-4T Consumables

**PA-HU2-003\***  
 TD-4T series only  
**Thermal Print Head (203dpi)**

TD-4650TNWB  
 TD-4650TNWBP  
 TD-4650TNWBC



**PA-HU3-004\***  
 TD-4T series only  
**Thermal Print Head (300dpi)**

TD-4750TNWB  
 TD-4750TNWBP  
 TD-4750TNWBC



TD-4T Ribbons	Width	Length	Description	Item No
Premium wax ribbon	110mm / 4.33 inch	300m	Coated/uncoated paper and tags, high gloss paper, economy synthetics	N8BK00009
Premium resin ribbon	110mm / 4.33 inch	300m	Economy and speciality synthetics	N8BK00010
Premium wax / resin ribbon	110mm / 4.33 inch	300m	Coated/uncoated paper and tags, high gloss paper, synthetics	N8BK00011

For label options, contact your Brother Authorised Reseller

## TD-4T Additional Options

**PA-LP-004\***  
 TD-4T series only  
**Label Peeler**

TD-4650TNWB  
 TD-4650TNWBP  
 (as replacement part)  
 TD-4750TNWB  
 TD-4750TNWBP  
 (as replacement part)



**PA-CU-003\***  
 TD-4T series only  
**Full & Partial Cutter\***

TD-4650TNWB  
 TD-4650TNWBC  
 (as replacement part)  
 TD-4750TNWB  
 TD-4750TNWBC  
 (as replacement part)



**PA-RH-001**  
**External Roll Holder**

TD-4650TNWB  
 TD-4650TNWBP  
 TD-4650TNWBC  
 TD-4750TNWB  
 TD-4750TNWBP  
 TD-4750TNWBC



## TD-4T Spare Parts

**PA-PR2-003**  
 TD-4T series only  
**Platen Roller (203dpi)**

TD-4650TNWB  
 TD-4650TNWBP  
 TD-4650TNWBC



**PA-PR3-004**  
 TD-4T series only  
**Platen Roller (300dpi)**

TD-4750TNWB  
 TD-4750TNWBP  
 TD-4750TNWBC



\*Brother Authorised Reseller installation required



# TD-4T Accessories and Consumable Supplies

4-inch Barcode Label and  
Receipt Thermal Transfer  
Desktop Printers

**TD-4520TN**  
**TD-4520TNP**  
**TD-4520TNC**

**TD-4420TN**  
**TD-4420TNP**  
**TD-4420TNC**



## TD-4T Consumables

### PA-HU2-002\*

TD-4T series only  
**Thermal Print Head  
(203dpi)**

TD-4420TN  
TD-4420TNP  
TD-4420TNC



### PA-HU3-002\*

TD-4T series only  
**Thermal Print Head  
(300dpi)**

TD-4520TN  
TD-4520TNP  
TD-4520TNC



TD-4T Ribbons	Width	Length	Description	Item No
Premium wax ribbon	110mm / 4.33 inch	300m	Coated/uncoated paper and tags, high gloss paper, economy synthetics	N8BK00009
Premium resin ribbon	110mm / 4.33 inch	300m	Economy and speciality synthetics	N8BK00010
Premium wax / resin ribbon	110mm / 4.33 inch	300m	Coated/uncoated paper and tags, high gloss paper, synthetics	N8BK00011

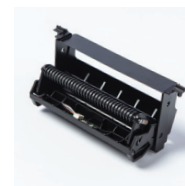
For label options, contact your Brother Authorised Reseller

## TD-4T Additional Options

### PA-LP-003\*

TD-4T series only  
**Label Peeler**

TD-4420TN  
TD-4420TNP  
(as replacement part)  
TD-4520TN  
TD-4520TNP  
(as replacement part)



### PA-CU-002\*

TD-4T series only  
**Full & Partial  
Cutter\***

TD-4420TN  
TD-4420TNC  
(as replacement part)  
TD-4520TN  
TD-4520TNC  
(as replacement part)



### PA-RH-001

**External Roll  
Holder**

TD-4420TN  
TD-4420TNP  
TD-4420TNC  
TD-4520TN  
TD-4520TNP  
TD-4520TNC



## TD-4T Spare Parts

### PA-PR2-002

TD-4T series only  
**Platen Roller  
(203dpi)**

TD-4420TN  
TD-4420TNP  
TD-4420TNC



### PA-PR3-002

TD-4T series only  
**Platen Roller  
(300dpi)**

TD-4550TN  
TD-4550TNP  
TD-4550TNC



\*Brother Authorised Reseller installation required

# TD-4D Accessories and Consumable Supplies

4-inch Barcode Label and  
Receipt Direct Thermal  
Desktop Printers

**TD-4550DNWB**    **TD-4420DN**  
**TD-4550DNWBP**    **TD-4420DNP**  
**TD-4550DNWBC**    **TD-4420DNC**



## TD-4D Consumables

### PA-HU2-001

TD-4D series only  
**Thermal Print Head  
(203dpi)**

TD-4420DN  
TD-4420DNP  
TD-4420DNC



### PA-HU3-001

TD-4D series only  
**Thermal Print Head  
(300dpi)**

TD-4550DNWB  
TD-4550DNWBP  
TD-4550DNWBC



### RD Rolls

RD Rolls	Size	Quantity	Colour	Item No
Continuous label roll	102mm x 44.3m	n/a	White	RD-S01C2
Die cut labels roll	102mm x 50mm	843 labels	White	RD-S03C1
Die cut labels roll	102mm x 152mm	278 labels	White	RD-S02C1
Die cut labels roll	102mm x 50mm	335 labels	White	RD-S03C1
Die cut labels roll	76mm x 26mm	1,552 labels	White	RD-S04C1
Die cut labels roll	51mm x 26mm	1,552 labels	White	RD-S05C1

For more label options, contact your Brother Authorised Reseller

## TD-4D Additional Options

### PA-LP-002

TD-4D series only  
**Label Peeler**

TD-4420DN  
TD-4420DNP  
(as replacement part)

TD-4550DNWB  
TD-4550DNWBP  
(as replacement part)



### PA-CU-001

TD-4D series only  
**Cutter**

TD-4420DN  
TD-4420DNC  
(as replacement part)

TD-4550DNWB  
TD-4550DNWBC  
(as replacement part)



### PA-RH-001

**External Roll  
Holder**

TD-4420DN  
TD-4420DNP  
TD-4420DNC  
TD-4550DN  
TD-4550DNP  
TD-4550DNC



## TD-4D Spare Parts

### PA-PR2-001

TD-4D series only  
**Platen Roller  
(203dpi)**

TD-4420DN  
TD-4420DNP  
TD-4420DNC



### PA-PR3-001

TD-4D series only  
**Platen Roller  
(300dpi)**

TD-4550DNWB  
TD-4550DNWBP  
TD-4550DNWBC





With label design apps for desktop PC's and mobile devices, and SDK's to integrate the TD-4 range into your own applications, you can choose the best option for your label printing needs.

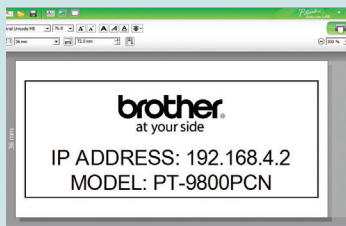
Brother provides all the necessary tools required for software developers to integrate printing into their applications. Printer drivers are available for Windows OS, and Software Development Kits can be provided to support Windows Mobile, Android and iOS operating systems.

## Software Support Features

### P-touch Editor

Supplied as standard, you can create your own custom labels with pixel precision by using this powerful software solution. With features such as support for over 15 barcode protocols, advanced image dithering to print high quality grayscale images, and the ability to link to data contained in most databases for batch printing of labels, any label design is possible.

Direct Thermal models only



### Printer Commands

With support for ZPLII emulation and a variety of additional printer command languages, developers can easily integrate printing into existing legacy systems (see specification tables for further details).



### Crop Function

Built into the Windows driver, this function helps take away the inconvenience of using A4 sheets of labels in your standard printer. This clever feature automatically scans through the document and where a barcode is present it extracts shipping or product labels one at-a-time and then prints as individual labels on the Brother label printer

Direct Thermal models only



### Mobile Deploy

Cloud-based app for mobile devices (iOS and Android™), which allows IT administrators to remotely update and configure multiple Brother mobile printers. Using Mobile Deploy, the administrator can easily upload new update packages to an online location, and then share the URLs with the users.

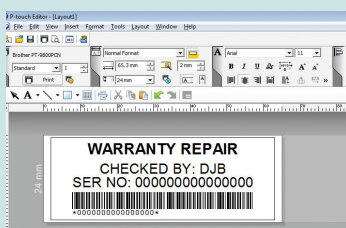
Direct Thermal models only



### Template Mode

Design the required document on your Windows PC, including logos and barcodes. Once transferred and stored in the printer's memory, the template can be recalled and any data replaced, before printing with just a few short commands.

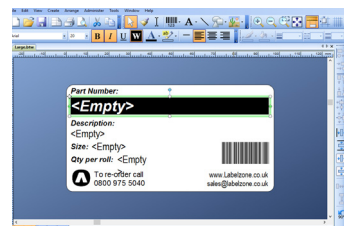
Direct Thermal models only



### BarTender

Brother's TD-4 devices come with various versions of BarTender\* - BarTender is the world's most trusted software for designing, printing and automating the production of labels, barcodes, RFID tags, plastic cards and more.

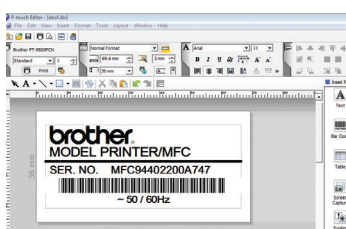
\*Direct Thermal models: BarTender Lite  
Thermal Transfer models: BarTender Ultra Lite



### BTP (Barcode Template Print) Function

Transfer templates and database fields to your TD-4 printer so you can do database-assisted label printing. With a barcode reader connected to the printer, labels and barcodes can easily be printed by scanning barcodes.

Direct Thermal models only

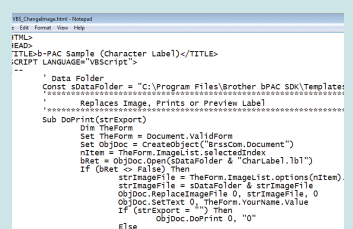


### Software Development Kits (SDK's)

Brother can also supply a selection of free of charge Software Development Kits to give you an easy method of incorporating label printing directly from within your own software programs.

Available from:

[www.brother.com.au/en/contents/software-development-kits](http://www.brother.com.au/en/contents/software-development-kits)





## Software

Model No	TD-4420TN	TD-4420NTP	TD-4420TNC	TD-4520TN	TD-4520TNP	TD-4520TNC	TD-4650TNWB	TD-4650TNWBP	TD-4650TNWBC	TD-4750TNWB	TD-4750TNWBP	TD-4750TNWBC	TD-4420DN	TD-4420NPN	TD-4420DNC	TD-4650DNWB	TD-4650DNWBP	TD-4650DNWBC
P-touch Editor													✓	✓	✓	✓	✓	✓
P-touch Editor Template Mode													✓	✓	✓	✓	✓	✓
Mobile Deploy App																✓	✓	✓
Brother Font Manager													✓	✓	✓	✓	✓	✓
Printer Settings Tool													✓	✓	✓	✓	✓	✓
BarTender Lite Edition							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BarTender Ultra Lite Edition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
Brother Printer Management Tool	✓	✓	✓	✓	✓	✓												
Crop Function (Windows Driver)																✓	✓	✓
SDK's - Software Development Kits													✓	✓	✓	✓	✓	✓

For further details visit : <https://support.brother.com>



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at your side

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**Brother International Australia**

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