

TD-4D Series (Direct Thermal)

4" Professional Label Printer Solution



Top Features:

Compatible with Windows[®]

- Print from Windows PC's through the USB interface, LAN, Bluetooth or Wi-Fi^
- Seagull BarTender driver support
- SAP integration supported

Auto Media Configuration

- Media calibration function - Easy setup for pre-populating media size information
- Media detection function^^ - Detection of pre-calibrated media to avoid errors, up to 10 different sizes
- Media selection function^^ - Pre-calibrated media selection list for up to 10 different sizes
- Media odometer - Label usage counter

LCD Display^^

- Mono Backlit LCD display
- Intuitive, easy to use

Fast Print Speeds

- Maximum 8ips (203mm/sec): TD-4410D / TD-4420DN
- Maximum 6ips (152mm/sec): TD-4520DN / TD-4550DNWB
- Maximum print length up to 3000mm

Ready to Integrate with iOS[®] & Android apps

- Using Brother SDK (3rd party development required) www.brother.eu/developer
- Mobile Deploy App for remote configuration^^ (Download from Google play store or iOS app store)
- AirPrint support^^

Connectivity

- USB, USB Host^^ and Serial as standard
- Wired LAN^
- Bluetooth V4.2 supporting MFi certified^^
- Wireless LAN 802.11 a/b/g/n supporting 2.4GHz and 5GHz bands^^

Professional Label Printer Datasheet

TD-4410D/TD-4420DN/TD-4520DN/TD-4550DNWB



General

Carton contents	AC adaptor USB cable Documentation
Language support	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

Dimensions & Weights

Without carton	180(w) x 155(d) x 224(h) 2.08Kg
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Built In Features

Printing Method	Direct Thermal
Minimum print length	Continuous :6.4mm, Peeler: 17mm, Cutter: 20mm, Tear: 18mm
Maximum print length	3000mm
Minimum media width	19mm
Maximum media width	118mm
Maximum roll diameter	127mm
Minimum core diameter	12.7mm

Interfaces^	USB Ver.2.0 Full Speed (Type B), USB Host Serial RS232C (DB9 male) Bluetooth Version.4.2 /MFi / SPP, OPP, HCRP (Bluetooth Classic), GATT (Bluetooth Low Energy) Wireless LAN 802.11a/b/g/n supporting 2.4GHz & 5GHz (supporting AirPrint® from iOS® devices) Wired LAN 10/100BASE-TX
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Operating system support	Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 Microsoft® Windows® Server 2008 / Server 2008R2 / Server 2012 / Server 2012R2 / Server 2016 (TD-4420DN, TD-4520DN, TD-4550DNWB) Linux
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Mobile OS support	Android 4.0.3 or later iOS® 8 or later (TD-4420DN, TD-4520DN, TD- 4550DNWB) Requires 3 rd party app development using Brother SDK, further information available at www.brother.eu/developer
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Software	P-touch Editor – Barcode label design software Mobile Deploy App – remote printer configuration^^ Brother Font Manager – font download tool (Windows® only via USB) Printer Settings Tool – device configuration software (Windows® only via USB)
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Printer commands

Raster, ESC/P, P-touch Template, ZPL emulation,
CPCL emulation
(for additional command support contact your
local Brother office)

Internal fonts & sizes

<ESC/P>
Bitmap font: LetterGothicBold (16,24,32,48dot),
Helsinki (16,24,32,48dot), Brussels (24,32,48dot),
Brougham (24,32,48dot), San Diego
(24,32,48dot), Gothic (16,24,32dot)
Outline font: LetterGothic, Helsinki, Brussels,
Gothic (1 – 400dots)
<P-touch Template>
Outline font: LetterGothic, Helsinki, Brussels,
Gothic (1 – 400dots)

Downloadable font support* via Font Manager
software

Environmental

Operating Temperature	5°C to 40°C
Operating Humidity	20% to 85% non-condensing
Storage Temperature	-20°C to 60° C
Storage Humidity	10% to 90% non-condensing

Supplies

RD roll type	RD-M01E5 (Receipt - 102mm x 27.7m) RD-P08E5 (Receipt - 76mm x 35.3m) RD-S07E5 (Receipt - 58mm x 86m) RD-R03E5 (Receipt - 58mm x 12m) RD-M03E1 (72 Labels - 102mm x 152mm) RD-S01E2 (Labels - 102mm x 44.7m continuous) RD-S03E1 (843 Labels - 102mm x 50mm) RD-S02E1 (281 Labels - 102mm x 152mm) RD-S04E1 (1564 Labels - 76mm x 26mm) RD-P09E1 (335 Labels - 76mm x 44mm) RD-S05E1 (1564 Labels - 51mm x 26mm) RD-Q04E1 (450 Labels - 51mm x 26mm)
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Optional Accessories (User replaceable)

Label Peeler	PA-LP-002
Cutter	PA-CU-001
Thermal Print Head	203dpi: PA-HU2-001 300dpi: PA-HU3-001
Platen Roller	203dpi: PA-PR2-001 300dpi: PA-PR3-001

^ See table below for individual model specification ^^TD-4550DNWB only
*Font Licensee permissions are required.

Model comparison	TD-4410D	TD-4420DN	TD-4520DN	TD-4550DNWB
Maximum print width	104mm	104mm	108mm	108mm
Print resolution	203dpi	203dpi	300dpi	300dpi
Printing speed	8ips (203mm/sec)	8ips (203mm/sec)	6ips (152mm/sec)	6ips (152mm/sec)
USB / USB Host	Yes / No	Yes / No	Yes / No	Yes / Yes
Serial	Yes	Yes	Yes	Yes
Wired LAN	-	Yes	Yes	Yes
Bluetooth	-	-	-	Yes
Wi-Fi	-	-	-	Yes
LCD (incl. Real Time Clock)	-	-	-	Yes

Specifications are subject to change without notice.