

# 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 (3<sup>rd</sup> party development required) [www.brother.eu/developer](http://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

brother  
at your side

| General                                 |  |
|---|--|
| <b>Carton contents</b>                  | AC adaptor<br>USB cable<br>Documentation   |
| <b>Language support</b>                 | Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska  |
| Dimensions & Weights                    |  |
| <b>Without carton</b>                   | 180(w) x 155(d) x 224(h)   2.08Kg  |
| Built In Features                       |  |
| <b>Printing Method</b>                  | Direct Thermal   |
| <b>Minimum print length</b>             | Continuous :6.4mm, Peeler: 17mm, Cutter: 20mm, Tear: 18mm  |
| <b>Maximum print length</b>             | 3000mm   |
| <b>Minimum media width</b>              | 19mm   |
| <b>Maximum media width</b>              | 118mm  |
| <b>Maximum roll diameter</b>            | 127mm  |
| <b>Minimum core diameter</b>            | 12.7mm   |
| <b>Interfaces<sup>^</sup></b>           | USB Ver.2.0 Full Speed (Type B), USB Host Serial RS232C (DB9 male)<br>Bluetooth Version.4.2 /MFi / SPP, OPP, HCRP (Bluetooth Classic), GATT (Bluetooth Low Energy)<br>Wireless LAN 802.11a/b/g/n supporting 2.4GHz & 5GHz (supporting AirPrint <sup>®</sup> from iOS <sup>®</sup> devices)<br>Wired LAN 10/100BASE-TX  |
| <b>Operating system support</b>         | Microsoft <sup>®</sup> Windows <sup>®</sup> 7 / Windows <sup>®</sup> 8 / Windows <sup>®</sup> 8.1 / Windows <sup>®</sup> 10<br>Microsoft <sup>®</sup> Windows <sup>®</sup> Server 2008 / Server 2008R2 / Server 2012 / Server 2012R2 / Server 2016 (TD-4420DN, TD-4520DN, TD-4550DNWB)<br>Linux  |
| <b>Mobile OS support</b>                | Android 4.0.3 or later<br>iOS <sup>®</sup> 8 or later (TD-4420DN, TD-4520DN, TD-4550DNWB)<br>Requires 3 <sup>rd</sup> party app development using Brother SDK, further information available at <a href="http://www.brother.eu/developer">www.brother.eu/developer</a>   |
| <b>Software</b>                         | <b>P-touch Editor</b> – Barcode label design software<br><b>Mobile Deploy App</b> – remote printer configuration <sup>^^</sup><br><b>Brother Font Manager</b> – font download tool (Windows <sup>®</sup> only via USB)<br><b>Printer Settings Tool</b> – device configuration software (Windows <sup>®</sup> only via USB)   |
| <b>Printer commands</b>                 | Raster, ESC/P, P-touch Template, ZPL emulation, CPCL emulation<br>(for additional command support contact your local Brother office)   |
| <b>Internal fonts &amp; sizes</b>       | <ESC/P><br>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)<br>Outline font: LetterGothic, Helsinki, Brussels, Gothic (1 – 400dots)<br><P-touch Template><br>Outline font: LetterGothic, Helsinki, Brussels, Gothic (1 – 400dots)<br><br>Downloadable font support* via Font Manager software  |
| Environmental                           |  |
| <b>Operating Temperature</b>            | 5°C to 40°C  |
| <b>Operating Humidity</b>               | 20% to 85% non-condensing  |
| <b>Storage Temperature</b>              | -20°C to 60° C   |
| <b>Storage Humidity</b>                 | 10% to 90% non-condensing  |
| Supplies                                |  |
| <b>RD roll type</b>                     | RD-M01E5 (Receipt - 102mm x 27.7m)<br>RD-P08E5 (Receipt - 76mm x 35.3m)<br>RD-S07E5 (Receipt - 58mm x 86m)<br>RD-R03E5 (Receipt - 58mm x 12m)<br>RD-M03E1 (72 Labels - 102mm x 152mm)<br>RD-S01E2 (Labels - 102mm x 44.7m continuous)<br>RD-S03E1 (843 Labels - 102mm x 50mm)<br>RD-S02E1 (281 Labels - 102mm x 152mm)<br>RD-S04E1 (1564 Labels - 76mm x 26mm)<br>RD-P09E1 (335 Labels - 76mm x 44mm)<br>RD-S05E1 (1564 Labels - 51mm x 26mm)<br>RD-Q04E1 (450 Labels - 51mm x 26mm) |
| Optional Accessories (User replaceable) |  |
| <b>Label Peeler</b>                     | PA-LP-002  |
| <b>Cutter</b>                           | PA-CU-001  |
| <b>Thermal Print Head</b>               | 203dpi: PA-HU2-001<br>300dpi: PA-HU3-001   |
| <b>Platen Roller</b>                    | 203dpi: PA-PR2-001<br>300dpi: PA-PR3-001   |

<sup>^</sup> See table below for individual model specification <sup>^^</sup>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.