

QL-800 Series Datasheet

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at your side

| | QL-800 | QL-810W | QL-820NWB |
|---------------------------------|--|--|---|
| Included items | | | |
| In the box | Printer Standard address die-cut labels (100 labels) 2-colour print continuous roll (62mm x 5 metres) USB cable AC power cord Documentation | Printer Standard address die-cut labels (100 labels) 2-colour print continuous roll (62mm x 5 metres) USB cable AC adapter and power cord Documentation | |
| Printing / Media | | | |
| Printing technology | Direct thermal with 2 colour print capability | | |
| Print resolution | 300x300dpi (standard) / 300x600dpi (high resolution mode) | | |
| Print speed (single colour)* | Max 148mm/sec (93 labels/minute) | Max 176mm/sec (110 labels/minute) | |
| Print speed (two-colour)* | Max 24mm/sec (equivalent to 15 labels/minute) | | |
| Label widths | 12mm - 62mm | | |
| Maximum print width | 60.96mm | | |
| Maximum print length | 1 metre | | |
| Media sensor type | Reflective | | |
| Cutter | Yes (full cut / guillotine type) | | |
| Media types | DK Rolls (DK die-cut labels / DK continuous tape) | | |
| LCD | | | |
| Type | - | - | 320x120 dot graphic LCD with backlight |
| Connectivity | | | |
| USB | USB version 2.0 full-speed (type mini-B connector) | | |
| USB host capability | - | - | Yes (HID class) |
| Bluetooth | - | - | Bluetooth 2.1+EDR |
| Bluetooth profiles | - | - | SPP(Serial Port Profile) OPP(Object Push Profile) BIP(Basic Imaging Profile) HCRP(Hard Copy Cable Replacement Profile) |
| iOS and Android compatibility | - | - | Yes |
| Wireless LAN | - | IEEE802.11b/g/n | |
| Wireless LAN security | - | WEP, WPA-PSK/WPA2-PSK (TKIP/AES), LEAP (CKIP), EAP-FAST (TKIP/AES), PEAP (TKIP/AES), EAP-TLS (TKIP/AES), EAP-TLS (TKIP/AES) | |
| Airprint | - | Yes | |
| Memory | | | |
| Flash (for label templates) | - | 6MB | |
| Locations (for label templates) | - | 99 | 255 |
| Power | | | |
| Power | 220-240V AC internal power supply | 100-240V AC external adapter (auto switching) | |
| Battery (optional accessory) | - | Li-ion battery including base | |
| Battery print yield | - | 4,300 labels (mono) / 1,400 labels (2 colour) | |
| Battery Charging time | - | Less than 2 hours 30 minutes | |
| Weights/Dimensions | | | |
| Dimensions | 125(w) x 213(h) x 142(d) mm | 125(w) x 234(h) x 145(d) mm | |
| Weight | 1.15kg | 1.12kg | 1.16kg |

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| Software / Firmware | | | |
| Operating system support (visit http://support.brother.com for latest downloads and support) | Microsoft® Windows Vista®/ Windows® 7 / Windows® 8 Windows® 8.1 / Windows® 10 OS X v 10.10 / 10.11 / 10.12 Android 4.1 or higher | Microsoft® Windows Vista®/ Windows® 7 / Windows® 8 Windows® 8.1 / Windows® 10 Windows Server® 2008 / 2008 R2 / Windows® Server 2012 / 2012 R2 Android 4.1 or higher (SDK) iOS 6, 7 or higher (SDK only) iOS 8, 9, 10 or higher (iPrint & Label) | |
| SDK availability (visit http://www.brother.eu/developer) | b-PAC (for Windows) | b-PAC (for Windows) Brother Print SDK for Android™ Brother Print SDK for iPhone/iPad (for iOS) | |
| Supported printer commands | Raster | ESC/P P-touch Template Raster | ZPLII emulation (upon request) ESC/P P-touch Template Raster |
| Barcode symbologies (using P-touch Editor) | CODE39, CODE128, UCC/EAN128(GS1-128), ITF(I-2/5), CODABAR(NW-7), UPC-A, UPC-E, EAN13, EAN8, ISBN-2(EAN13 AddOn2), ISBN-5(EAN13 AddOn5), Laser Barcode, POSTNET, RSS(RSS14 Standard, RSS14 Truncated, RSS14 Stacked, RSS14 Stacked Omni, RSS Limited, RSS Expanded, RSS Expanded Stacked), PDF417(Standard, Truncate, Micro), QR code(Model1, Model2, Micro), Data Matrix(ECC Square, ECC Rectangular), MaxiCode(Model2, Model3, Model4, Model5) RSS symbols / CODE93 / POSTNET / UPC/EAN EXTENSION / MSI / QR Code (model 1, model 2, micro QR) PDF417 (Standard, Truncate, MicroPDF417) / Data Matrix(ECC200 Square, ECC200 Rectangular) / MaxiCode / Aztec | | |
| Barcode symbologies (Built-in printer firmware) | - | CODE39, CODE128, UCC/EAN-128(GS1-128), ITF(I-2/5), CODABAR(NW-7), UPC-A, UPC-E, EAN13(JAN13), EAN8, GS1 DataBar(RSS)(GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked), PDF417(Standard, Truncate, Micro), QR Code(Model 1, Model 2, Micro), Data Matrix (ECC200 Square, ECC200 Rectangular), MaxiCode, CODE93, POSTNET, UPC-E EXTENTION | |
| Internal fonts | - | Bitmap fonts: Letter Gothic Bold, Helsinki, Brussels, San Diego, Brougham Font sizes: 24, 32, 49 dots Outline fonts: Letter Gothic Bold, Helsinki, Brussels Font sizes: 33-400 dots (22 sizes)) | |