

QL-800 Series

QL-800
QL-810W
QL-820NWB

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QL-800 Series

The QL-800 series professional label printers offer unrivalled versatility not only in the office, but also retail, food, postal, facilities management and other industries. Create labels with black and red* print up to one metre in length, from PC, Mac, iOS** or Android** devices. Several wired and wireless connectivity options are available, and even the ability to directly print labels stored in

the printer's memory using the integrated LCD/ control panel on the QL-820NWB, or external devices connected to the printer. For developers and systems integrators looking to incorporate label printing as part of their solutions, software development kits for Windows, iOS and Android offer an easy way to add support for the Brother QL-800 series label printers.



Versatile Labelling Options

Boasting the highest print speeds and the most connectivity options in their class, the QL-800 series label printers are the ideal solution for many types of business.

Key Features:



Print in black and red to highlight important information



Wide range of connectivity options.



PC, Mac, iOS and Android compatibility



High speed printing of up to 110 labels per minute



Use continuous rolls and cutter to print labels up to one metre in length



Stand-alone printing function where no PC required – ideal for food and retail applications

Packed with features

Software Solutions

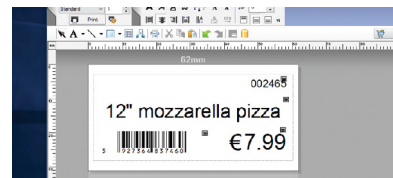
P-touch Editor Lite* / P-touch Editor Lite LAN*

Built inside the QL-800 and QL-810W, this easy to use label design software works without the need to install software or drivers. Working like a USB flash drive, simply connect to your PC/Mac using USB, and launch the software from the drive that appears. Include images, frames and any of your fonts on your label design and print! A version for network connected models is also available - simply run the software to allow many PC's in an office to print labels to the one printer. Again, no installation needed.



P-touch Editor with Microsoft Office add-in

Design professional labels including images and logos, barcodes and frames. Link to data contained in Excel or .csv files, to print many labels quickly and efficiently. The Microsoft Office add-in lets you highlight, click and print right from within Word, Excel or Outlook.



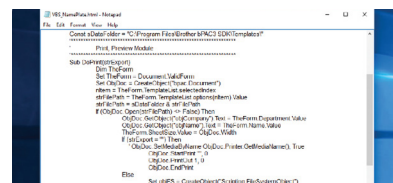
Brother iPrint & Label app** for iOS and Android smartphones/tablets

Print labels on the QL-810W and QL-820NWB using the free iPrint&Label app. Connect via Wi-Fi or Bluetooth (on QL-820NWB), and choose one of the pre-defined templates or quickly design your label from scratch. This free app is available from your mobile device's app store by searching "Brother iPrint&Label"



Software Development Kits for Windows, iOS and Android

System integrators and software developers can now take advantage of various Brother SDK's that allow easy integration of label printing directly within their own apps and software. For more information please visit: <http://www.brother.eu/developer>



* Black print capability only. Use P-touch Editor for black and red printing

** Red print capability from iPrint&Label app available summer 2017

Advanced Functionality

Stand-alone label printing

The QL-820NWB has a large memory to store label templates designed in P-touch Editor. Label templates can be uploaded to the printer's memory, and accessed using the integrated control panel and backlit graphic LCD display. Ideal for printing current or future date/time on labels in the food and retail industries.



Remote template update via FTP

Where the QL-820NWB is deployed at multiple locations, updating the templates in all printers would normally be a time intensive operation. However the printer can automatically connect using FTP to a remote server, and if new templates are found, update these automatically. This helps companies save time and money, and ensures consistent operation at all remote sites. All this directly from the printer via the internet, without needing a PC connection.



AirPrint* and Bluetooth with MFi (Made for iPod/iPhone/iPad) compatibility

The QL-810W and QL-820NWB both support Apple AirPrint* to enable printing from compatible apps on iOS devices and Mac. Additionally, the QL-820NWB offers Bluetooth connectivity to easily connect iOS and Android devices to the printer.



* iOS and macOS only supports black print when using the default AirPrint function, however red print capability is available from iOS devices when using AirPrint with apps developed using the Brother Software Development Kit.



For the Office

There are so many uses for labels around the office. In addition to address labels for envelopes and parcels, identify the contents of files and storage boxes. Label shelves so items are returned to the correct place. The black/red* printing capability enables essential information to be highly visible, such as valid-on dates on visitor badges. The continuous film rolls are also ideal for indoor signage, helping facilities managers create bespoke signs on demand.

* Requires DK-22251 roll

For Warehousing and Logistics

In busy warehouses and post rooms, accurate and timely labelling of parcels, envelopes and product cartons is essential to ensure the smooth running of all logistics operations. Using red* print on handling labels ensures this crucial information is noticed, while barcodes can be quickly generated as-and-when required.

* Requires DK-22251 roll



For Retail and Hospitality

Conveying product pricing and any special offers to shoppers quickly is crucial for the retail sector. Print pricing labels for product tags, that can also include barcodes. And use red* print on to highlight special offers or promotions by creating eye-catching indoor signage.

On-demand label printing is a critical part of the food industry, such as highlighting allergen information to consumers, show use-by/best before dates, and product pricing including EAN-8 / EAN-13 barcodes. The QL-820NWB with its stand-alone label printing function is ideal for counter-top use, and printing labels on-demand. Takeaway outlets can print details of orders, including address information where delivery is required.

* Requires DK-22251 roll

Summary of Features

	QL-800	QL-810W	QL-820NB
Fast print speed – number of labels per minute	93	110	110
Print labels with both black and red* print	•	•	•
Advanced label design software for PC/Mac (P-touch Editor)	•	•	•
Built-in label design software for PC/Mac that requires no software or driver installation (P-touch Editor Lite)	•	•	
USB	•	•	•
Wi-Fi with AirPrint		•	•
Wired Ethernet			•
Bluetooth for easy connection to iOS/Android devices			•
Stand-alone printing of labels stored in printer memory			•
Optional li-ion battery for printing away from power sources		•	•
Software Development Kits available for Microsoft Windows***, iOS and Android devices to add label printing to your own solutions	•	•	•

DK Rolls for the QL-800 label printer series

Wide range of labels available in paper and plastic film material, pre-sized labels or continuous rolls.

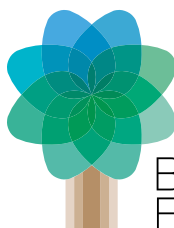
DK Die-Cut Labels	Material	Colour	Size	Item No.
Standard address label (400/roll)	Paper	White	29 x 90 mm	DK-11201
Large address label (400/roll)	Paper	White	38 x 90 mm	DK-11208
Small address label (800 roll)	Paper	White	29 x 62 mm	DK-11209
Shipping label (300/roll)	Paper	White	62 x 100 mm	DK-11202
File folder label (300/roll)	Paper	White	17 x 87 mm	DK-11203
Multi-purpose label (400/roll)	Paper	White	17 x 54 mm	DK-11204
Square label (1000/roll)	Paper	White	23 x 23 mm	DK-11221
CD/DVD label (100/roll)	Film	White	58 mm	DK-11207
Round label (1200/roll)	Paper	White	12 mm	DK-11219
Round label (1000/roll)	Paper	White	24 mm	DK-11218
DK Continuous-Length Tapes - 30.48m	Material	Colour	Size	Item No.
Continuous-length	Paper	White	12 mm	DK-22214
Continuous-length	Paper	White	29 mm	DK-22210
Continuous-length	Paper	White	38 mm	DK-22225
Continuous-length	Paper	White	50 mm	DK-22223
Continuous-length	Paper, non-adhesive	White	54 mm	DK-N55224
Continuous-length	Paper	White	62 mm	DK-22205
Continuous-length	Paper, removable	White	62 mm	DK-44205
Continuous-length	Paper, removable	Yellow	62 mm	DK-44605
DK Continuous-Length Tapes - 15.24m	Material	Colour	Size	Item No.
Continuous-length	Film	White	29 mm	DK-22211
Continuous-length	Film	White	62 mm	DK-22212
Continuous-length	Film	Yellow	62 mm	DK-22606
Continuous-length	Film	Clear	62 mm	DK-22113
Continuous-length - Black/Red print	Paper	White	62 mm	DK-22251

Technical Specifications for the QL-800 Series

	QL-800	QL-810W	QL-820NWB
Media/ Printing			
Printing Technology	Direct thermal with 2 colour print capability		
Print Resolution	300 x 300dpi (standard) / 300 x 600dpi (high resolution mode)		
Print Speed (Single Colour)	Maximum 148mm/sec (93 labels/minute)	Maximum 176mm/sec (110 labels/minute)	
Print Speed (Two Colour)	Maximum 24mm/sec (equivalent to 15 labels/minute)		
Label Widths	12mm - 62mm		
Maximum Print Width	58mm		
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	No		320 x120 dot graphic LCD with backlight
Connectivity			
USB	USB version 2.0 full-speed		
USB Host Capability	No		Yes (HID class)
Bluetooth	No		Bluetooth 2.1+EDR
Bluetooth Profiles	No		SPP(Serial Port Profile) OPP(Object Push Profile) BIP(Basic Imaging Profile) HCRP(Hard Copy Cable Replacement Profile) iAP profile
iOS and Android Compatibility	No	Yes (Wi-Fi)	Yes (Wi-Fi / Wired LAN / Bluetooth)
Wireless LAN	No		IEEE802.11b/g/n
Wireless LAN Security (Infrastructure mode)	No	WEP, WPA-PSK/WPA2-PSK (TKIP/AES), LEAP (CKIP), EAP-FAST (TKIP/AES), PEAP (TKIP/AES), EAP-TTLS (TKIP/AES), EAP-TLS (TKIP/AES)	
AirPrint	No		Yes
Wired LAN	No		10/100 Base-TX
Memory			
Flash (for Label Templates)	No		6MB
Locations (for Label Templates)	No	99	255
Power			
Power	220-240V AC internal power supply	100-240V AC external adapter (auto switching)	
Battery (Optional Accessory)	No	Li-ion battery including base	
Battery Print Yield	No	4,300 labels (mono) / 1,400 labels (2 colour)	
Battery Charging Time	No	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
Carton Contents			
Includes	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	
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 macOS 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 macOS X v 10.10 / 10.11 / 10.12 Android 4.1 or higher (SDK) iOS 6, 7, 8, 9, 10 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	Raster, ESC/P, P-touch Template	ZPLII emulation (upon request), ESC/P, P-touch Template, Raster
Barcode Symbolologies (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 Symbolologies (Built-in printer firmware)	No	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 EXTENSION	
Internal Fonts	No	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)	
System Requirements PC / Mac			
Operating System	Windows Vista® / Windows® 7 - 8 - 8.1 - 10 Mac OS X v10.9.x - 10.10.x - 10.11.x - 10.12.x Windows Server® 2008 / 2008 R2 / Windows® Server 2012 / 2012 R2		
Interface	Windows®: USB Port (USB Spec. 1.1, 2.0, or 3.0 protocol) IEEE802.11b/g/n Wireless LAN - 10/100 BASE-TX Wired LAN - Bluetooth 2.1 + EDR Mac: USB Port (USB Spec. 1.1 or 2.0 protocol) IEEE802.11b/g/n Wireless LAN - 10/100 BASE-TX Wired LAN - Bluetooth 2.1 + EDR - MFi		
Hard Disk Requirements	Windows®: 600MB or more / Mac: 500MB or more		
Microsoft Office Support	Microsoft® Word / Excel / Outlook: 2007 - 2010 - 2013 - 2016		

Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth.



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