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QL-1100 / QL-1110NWB Professional Label printers

Professional wide format label printers

For warehouse, mail rooms and businesses who send parcels

With 4 inch or 103mm label width, several connectivity options and various ways of integrating into any existing IT systems, Brother's QL-1100 label printers series are ideal for mail rooms, warehouses and for anyone who need to print high-quality shipping labels containing barcodes, images and text.

With its built-in auto cutter, continuous length and signages can be printed up to three metres in length.

For developers and system integrators who are looking at incorporating label printing as a part of their solutions, Software development kits (SDK) for Windows®, iOS® and Android™ are available, which offers an easy way to add the interface support for QL-1100 label printers series.

QL-1100 / QL-1110NWB

Print from Computer and Mobile devices

Both models are PC or Mac OS® systems compatible. QL-1110NWB label printer offers greater flexibility as it can connect to smartphones and tablets using its built-in wireless connections.

Template printing through USB host connected devices

Create labels using the label templates in P-touch Editor software and upload to the memory of the label printer. Simple commands can then be issued from a connected device (such as a barcode scanner or measuring device) to select the required template, update the text or barcode and print.

Remote template update via FTP

QL-1110NWB label printer can links to a -network with internet connection that connect to a remote FTP server. If there are any new templates available to download, it will be updated automatically. This is an ideal solution for many remote sites with label printers, as it saves time of updating manually at each location.

Large print width

To ensure compatibility with the labelling specifications of logistics, shipping and courier companies, both models have a 4 inch or 101.6mm print head, which ensure essential information to be shown.

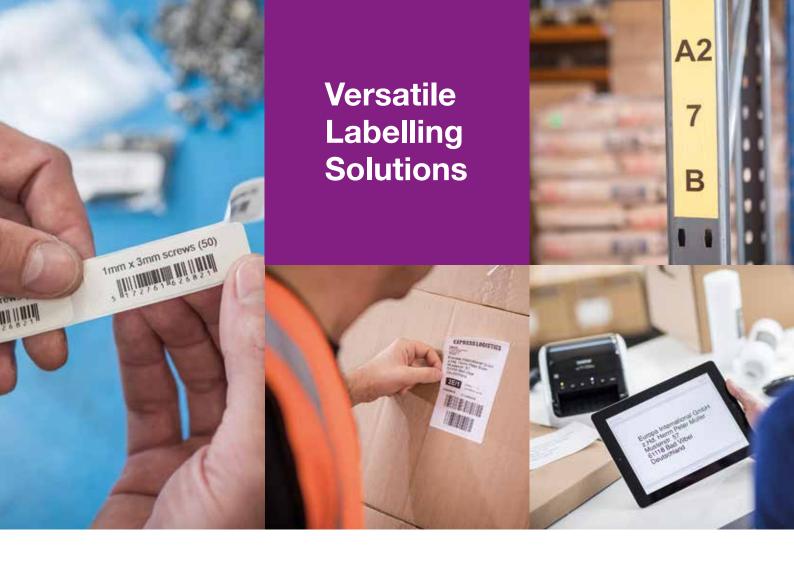## Wide variety of connectivity options

Both models allow easy connection to desktop computers using USB. QL-1110NWB label printer incorporates with Wi-Fi, Ethernet and Bluetooth connectivity to facilitate printing of labels from a wide variety of hardware.

Full support for Apple® products

QL-1110NWB label printer supports Apple® AirPrint from compatible apps on iOS® devices and Mac OS® systems. It is MFi certified (Made for iPod®, iPhone®, iPad®) and can print from these devices using Bluetooth connection.

Create a variety of label sizes

Available in a range of Die-cut (pre-sized) or Continuous length rolls, the built-in automatic cutter can trim labels to precise length and up to three metres in length.

Versatile Labelling Solutions

QL-1100 Professional label printers series can print of high-quality labels on-demand.

Features	QL-1100	QL-1110NWB
4 inch or 101.6mm print width	•	•
P-touch Editor Lite built-in label design software	•	
USB connectivity	•	•
USB host for directly connecting external accessories	•	•
IEEE 802.11b/g/n Wi-Fi	-	•
Wired Ethernet	-	•
Bluetooth (including iPhone®, iPad®, Android™ connectivity)	-	•
Built-in label template memory locations	99	255
Remote template update by FTP	-	•

Software Solutions

Barcode label Crop and Print function

Built into the driver, this useful function helps to take away the inconvenience of using A4 sheets of labels in standard printer to print multiple labels. When printing a document containing barcodes, select the 'Crop Print' option in the printer driver. This intelligent feature can scans the document, extracts each barcode one-at-a-time and print individual labels.

Sellers using Amazon's 'Fulfillment by Amazon' service, who need to print labels and attach to products to be stocked in Amazon warehouses, can use this function to extract each label contained in the PDF generated by Amazon.

Software Development Kits (SDK) for Windows®, iOS® and Android™

System integrators and software developers can now take advantage of the various Brother's Software development kit (SDK) to easy integrate the label printing function to their own apps and software.

For more information, please visit
https://www.brother.co.jp/eng/dev/index.aspx

P-touch Editor with Microsoft® Office plugin

Design professional labels that include images and logos, barcodes and frames. Link to text stored in Microsoft® Excel or .csv files,and print many labels with different information quickly and efficiently. Microsoft® Office plugin allows the high light, click and printing from Word, Excel or Outlook. This software is available free and can be downloaded from:
https://support.brother.com.

P-touch Editor Lite, P-touch Editor Lite LAN

Built inside QL-1100 and QL-1100NWB label printers, this easy-to-use label design software works without the need to install software or printer drivers. Work like a USB flash drive, simply connect to PC or Mac OS® systems using USB and launch the software from the drive. Any images, frames and other fonts in software can be printed.

With the network capability in QL-1110NWB label printer, simply run the software to allow many computers in the office to print labels to one label printer with no software or printer driver installation required.

Brother's iPrint&Label app for iOS®, Android™ smartphones and tablets

Print labels on QL-1110NWB label printer with the complimentary Brother's iPrint&Label mobile app. Connects via Wi-Fi or Bluetooth and choose from one of the pre-defined templates or quickly design the label from scratch. This free mobile app is available from mobile device's app store.

Brother
DK Labels

A wide variety of label sizes are available in die-cut (pre-sizes) and continuous length rolls and of paper and film materials and available in White, Yellow and Clear colours.

Die-Cut Labels

Continuous Length Labels

Continuous Length Film Labels

DK Die-cut Paper Labels

DK Die-cut labels	Material	Colour	Size	Part Number
Standard address label (400pc per roll)	Paper	White	29mm x 90mm	DK-11201
Large address label (400pc per roll)	Paper	White	38mm x 90mm	DK-11208
Small address label (800pc per roll)	Paper	White	29mm x 62mm	DK-11209
Shipping label (300pc per roll)	Paper	White	62mm x 100mm	DK-11202
Large shipping label (180pc per roll)	Paper	White	103mm x 164mm	DK-11247
Barcode label (600pc per roll)	Paper	White	102mm x 51mm	DK-11240
File folder label (300pc per roll)	Paper	White	17mm x 87mm	DK-11203
Multi-purpose label (400pc per roll)	Paper	White	17mm x 54mm	DK-11204
Square label (1000pc per roll)	Paper	White	23mm x 23mm	DK-11221
CD/DVD label (100pc per roll)	Film	White	58mm Ø	DK-11207
Round label (1200pc per roll)	Paper	White	12mm Ø	DK-11219
Round label (1000pc per roll)	Paper	White	24mm Ø	DK-11218

DK Continuous Length Paper Labels

DK Continuous length tapes - 30.48m	Material	Colour	Size	Part Number
Continuous length	Paper	White	12mm	DK-22214
Continuous length	Paper	White	29mm	DK-22210
Continuous length	Paper	White	38mm	DK-22225
Continuous length	Paper	White	50mm	DK-22223
Continuous length	Paper, Non-adhesive	White	54mm	DK-N55224
Continuous length	Paper	White	62mm	DK-22205
Continuous length	Paper, Removable	White	62mm	DK-44205
Continuous length	Paper, Removable	Yellow	62mm	DK-44605
Continuous length	Paper	White	103mm	DK-22246

DK Continuous Length Film Labels

DK Continuous length tapes - 15.24m	Material	Colour	Size	Part Number
Continuous length	Film	White	29mm	DK-22211
Continuous length	Film	White	62mm	DK-22212
Continuous length	Film	Yellow	62mm	DK-22606
Continuous length	Film	Clear	62mm	DK-22113

Specification   QL-1100   QL-1110NWB

Printing / Media

Printing technology	Direct thermal	
Print resolution	300 x 300dpi	
Maximum print speed*	110mm per second | 69 Standard address label per minute	
Label width	12mm - 103.6mm	
Maximum print width	101.6mm	
Minimum label length	25.4mm	
Maximum label length	3m (Windows® / Mac OS® systems) | 1m (P-touch Editor Lite or iPrint&Label mobile app)	
Media sensor type	Reflective	
Cutter	Yes, (full cut, guillotine type)	
Media type	DK Rolls (DK Die-cut labels, DK Continuous length tape)	

Control Panel

Buttons	Power, Feed, Cut, P-touch Editor Lite	Power, Feed, Cut, Bluetooth, Wi-Fi, WPS Setup

Connectivity

USB	USB version 2.0 full-speed (type B)	
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, (including MFi)
Wired LAN	-	10/100 BASE-TX Wired LAN
Wired LAN authentication	-	EAP-FAST, PEAP, EAP-TTLS, EAP-TLS, EAP-MD5
Wireless LAN	-	IEEE 802.11b/g/n
Wireless LAN security	–	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	–	Yes

Memory

Flash (for label templates)	7.8MB	
Locations (for label templates)	99	255

Power

Power	220V - 240V AC Internal Power adapter	

Dimension and Weight

Dimension	170mm (W) x 222mm (H) x 151mm (D)	
Weight	1.7kg	1.73kg

Package content

Label Printer
DK-11247 103mm x 164mm x 41 pcs Large Shipping label, Die-cut
DK-22205 62mm x 8.1m Continuous length Paper tape
USB cable
AC Power adapter
User guide

* Brother standard test environment using DK-11201 Standard address label and USB connection.

Specification QL-1100 QL-1110NWB

Software / Firmware

	QL-1100	QL-1110NWB
Operating system support*	Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 Mac OS v10.11/10.12/10.13 Android 4.4 or greater (iPrint&Label app) Android 4.0.3 or greater (Android SDK)	Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 Microsoft® Windows Server® 2008/2008 R2 / 2012 / 2012 R2 / 2016 Mac® OS v10.11/10.12/10.13 iOS® 10/11 (iPrint&Label App) iOS® 7/8/9/10/11 (iOS® SDK) Android™ 4.4 or greater (iPrint&Label mobile app), Android™ 4.0.3 or greater (Android™ SDK)
Label editor support	P-touch Editor (Windows® or Mac®) Add-In for Microsoft® Word, Excel, Outlook P-touch Editor Lite (Windows®) iPrint&Label (Android only using USB cable)	P-touch Editor (Windows®, Mac®) Add-In for Microsoft® Word, Excel, Outlook, iPrint&Label (iOS®, Android™)
SDK availability**	b-PAC (for Windows®) Android™ (using USB cable only)	b-PAC (for Windows®) iOS® and Android™
Supported printer commands	P-touch Template ESC/P Raster ZPL II emulation (upon request)	
Template update by FTP transfer	No	Yes
Label Crop and Print (convert A4 sheets of labels to individual labels automatically)	Yes, (Windows® only)	
Barcode symbologies (using P-touch Editor)	CODE 39, CODE 128, UCC/EAN-128(GS1-128), ITF(I-2/5), CODABAR(NW-7), UPC-A, UPC-E, EAN-13, EAN-8, 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), IMB, AztecCode (Windows only)	
Barcode symbologies (Built-in printer firmware)	CODE-39, CODE-128, UCC/EAN-128(GS1-128), ITF(I-2/5), CODABAR(NW-7), UPC-A, UPC-E, EAN-13(JAN13), EAN-8, 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, CODE-93, POSTNET, UPC-E EXTENTION, MSI, Aztec	
Internal font	Bitmap fonts: Helsinki, Brussels, Letter Gothic Bold, San Diego, Brougham (font sizes: 24 dots, 32 dots, 48 dots) Outline fonts: Helsinki, Brussels, Letter Gothic (font sizes: 33 dots - 400 dots (22 sizes))	

* For latest OS support, please visit https://support.brother.com