

Rugged Mobile Receipt and Label Printers



RJ Series



**Empower
mobile
workforce
with labels
printing on the go**

Brother's comprehensive range of RJ mobile printers can deliver impressive print speed with rugged design, robustness and superior quality that cater to a wide range of vertical market applications.

Equipped with Wireless, USB and Bluetooth® wireless connectivity options, busy mobile workers can print their receipts or labels on-site or in field which will help to achieve productivity.



RJ Series mobile printers



Rugged design

Due to the nature of many mobile applications, mobile printers may be exposed to a range of outdoor conditions which can affect the print operation, resulting in damage. For example, a Traffic warden printing in the field.

RJ mobile printers have been tested against IP54 protection standards which offer extra peace of mind for extreme outdoor applications expose to damp, moisture or indoor environments where dust is present. Selected RJ mobile printers were dropped and tested up to 2.5 metres which provide the additional credibility in terms of toughness and reliability.



RJ Series

Up to 3 inch



RJ-3235B



RJ-3255WB

Up to 4 inch



RJ-4235B



RJ-4255WB

Trust RJ Mobile Printers Series for every application

Retail

Increase efficiency for retailers with lightweight, durable and easy-to-use RJ mobile printers.

This mobile solution can provide staff with a simple and accurate label and receipt printing that is ideal for pricing, promotions and queue-busting situation which will help to increase customers' satisfaction.



Applications include:

- Shelf edge labels
- 'Queue busting' receipt printing
- Mark down or discount labels
- Price labels
- Food traceability labelling
- Click and collect labels

Direct Store Deliveries

Delivery drivers can be equipped with a seamless solution to help streamline their workflow and minimise downtime.

Mobility and integration are the keys for drivers to access their systems for pricing, invoicing, inventory control which will help to increase their customers' satisfaction.

This mobile solution can make producing invoices on-site easy.



Applications include:

- Sales orders and confirmations
- Returned goods receipts and labels
- Customers' receipts
- Delivery receipts

Field Services

Without a mobile printing solution, manually handwritten documents can be very time-consuming to produce and prone to error.

That is why most businesses are empowering their workforce with mobile technology to complete their tasks on the move, professionally and on schedule.



Applications include:

- Receipts and invoices
- Repair estimates
- Statements of work
- Work orders
- Estimates and quotations
- Maintenance and service reports



RJ Series

Public Safety

Increase operational efficiency by allowing law enforcement officers and emergency staff to document and report incidents accurately and efficiently at the point of interaction.

With RJ mobile printers' durable design, fast print speed and reliable operation, superior performance can be achieved which can help to increase productivity.



Applications include:

- Parking violations
- Recording of accidents and crime scenes
- Electronic citations and fines
- Warning Notices

Warehousing

Efficient warehousing operations and workers' productivity are critical to the success of many organisations.

With wireless connectivity, RJ mobile printers series can provide workers with the ability to print barcode labels on-demand at the point of application.

This will help to save time and reduces potential errors caused by mislabelling.



Applications include:

- Work-in-progress labels
- Bin and shelf labels
- Shipping and despatch labels
- Inventory pick and return tickets



RJ series range

	RJ-3235B	RJ-3255WB	RJ-4235B	RJ-4255WB
	3 inch		4 inch	

Printing

Print technology	Direct thermal			
Print speed	Maximum 127mm per second (5ips)			
Resolution	203dpi			
Maximum print width	72mm		104mm	

Media Types

Receipt	●	●	●	●
Labels	●	●	●	●

Connectivity

USB	●	●	●	●
Wireless LAN		●		●
Bluetooth® wireless connection	●	●	●	●
AirPrint®		●		●
Made for iPhone	●	●	●	●

General

IP rating	IP54			
Drop protection (metres)	2.0m		2.1m	
Weight (with battery)	810g		850g	
Dimensions (mm)	117mm (W) x 180mm (D) x 77mm (H)		153mm (W) x 159mm (D) x 68mm (H)	
Operating system support	Microsoft® Windows® Windows® Server®		Microsoft® Windows® RJ-4255WB also supports: Microsoft® Windows® Server®	
Mobile OS	Android™, iOS®			
Supported commands	P-touch Template, ESC/P, Raster, ZPL II emulation, CPCL emulation			

**Customise
RJ Mobile Printer
with a range of
accessories**



Accessories

Brother has designed and engineered a wide range of accessories to customise solution to suite customers' requirement. Brother accessories can help workers to be equipped with their device in-vehicle and on-body. Power options can help to cope up with any increase battery demands.

Power Options

PA-BT-006 Rechargeable Li-ion Smart Battery

RJ-3235B | RJ-3255WB
RJ-4235B | RJ-4255WB



PA-AD-600A UK AC Power Adapter

RJ-3235B | RJ-3255WB
RJ-4235B | RJ-4255WB



PA-AD-003 UK AC Power Adapter for USB Type-C

RJ-4235B | RJ-4255WB



PA-CD-600CG Car Adapter (cigarette)

RJ-3235B | RJ-3255WB
RJ-4235B | RJ-4255WB



PA-CD-600WR Car Adapter (wired)

RJ-3235B | RJ-3255WB
RJ-4235B | RJ-4255WB



Accessories may vary by country. Please contact your local Brother office for more information.

Accessories

PA-BC-003

Battery Charger
(Single unit)

RJ-3235B | RJ-3255WB
RJ-4235B | RJ-4255WB



PA-CR-005**

1-slot Charging Cradle
with Ethernet

RJ-3235B | RJ-3255WB



PA-CR-002A**

Car Mount /
Charging Cradle

RJ-4235B | RJ-4255WB



PA-SS-4000

Shoulder Strap

RJ-3235B | RJ-3255WB
RJ-4235B | RJ-4255WB



PA-4CR-003**

4-slot Charging Cradle
with Ethernet

RJ-3235B | RJ-3255WB



PA-LPR-001

Linerless
Platen Roller

RJ-4235B | RJ-4255WB



PA-LPR-004

Linerless
Platen Roller

RJ-3235B | RJ-3255WB



PA-LP-007

Peeler

RJ-3235B | RJ-3255WB



Accessories may vary by country. Please contact your local Brother office for more information.

** Requires the purchase of PA-AD-600A AC Power Adapter.

Brother provides all the necessary tools required for software developers to integrate printing into their mobile applications.

Printer drivers are available for Windows® OS and Software Development Kits (b-Pac SDK). RJ mobile printers support Windows® Mobile*, Android™ and iOS® operating system.

Software Support Features

Template mode

Design required document on Windows® PC with logos and barcodes. Stored in RJ mobile printer's memory after transferred.

Templates can be recalled and data replaced before printing in just a few short commands.

AirPrint®* and Made for iPhone

Easy to connect and print from Apple® devices via AirPrint® and Made for iPhone.



* Check model for compatibility.



Mobile Deploy*

Cloud-based app for mobile devices running on iOS® and Android™ platforms allows IT administrators to remotely update and configure multiple Brother RJ mobile printers.

Use Mobile Deploy to easily upload new update packages to an online location and share the URLs with the users.

<https://support.brother.com/g/s/es/dev/en/index.html>

Printer Commands*

With support for ZPL II emulation, CPCL emulation in addition to the ESC/POS commands, developers can easily integrate mobile printing into any existing legacy systems.



* Check model for compatibility.

Mobile Deploy



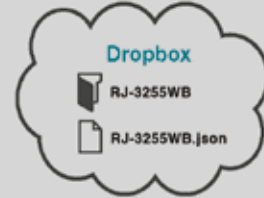
Work of an administrator

1. Prepare the files



Personal Computer

2. Put the files in Dropbox



Work of Operators

3. Introduce the procedure via e-mail.

4. Perform multiple settings via batch with Mobile Deploy (after downloading the files from Dropbox and transmit the bif files to the mobile printer).



bsr16act.bif

RJ-3255WB_80mm.bif

Label Printer

RJ-3255WB

RJ-3255WB.json

Mobile device



More information can be found here:



RJ series range

3 and 4 inch

RJ-3235B

RJ-3255WB

RJ-4235B

RJ-4255WB

3 inch

4 inch

Printing / Media

Print technology	Direct thermal	
Print resolution	203dpi	
Print speed	Maximum 127mm per second (5ips)	
Maximum print width on receipt	72mm	104mm
Maximum print length	3000mm	
Media sensor type	Transmissive, Reflective	
Cutter type	Double tear bar	
Media types	Receipt, Label, Tag label	
Receipt width	80mm	114mm
Receipt paper thickness	0.058mm to 0.090mm	
Label width	80mm	114mm
Label thickness	-	0.080mm to 0.170mm
Roll diameter	66mm maximum	58mm maximum
Core diameter	Standard: 25.4mm (Default) In-box: 12.7mm - 13.0mm or 19.0mm	12.7mm (receipt), 25.4mm (labels)

LCD

Type	Monochrome
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Connectivity

USB	Yes (USB Type-C)			
USB host capability	No			
Bluetooth® wireless connection	Bluetooth® Dual-Mode (Classic + Low Energy)			
Bluetooth® Profile	SPP (Serial Port Profile) OPP (Object Push Profile) HCRP (Hard Copy Cable Replacement Profile) GATT			
Made for iPhone	Yes			
Wireless LAN	-	Wireless LAN - ((5 GHz) Infrastructure Mode): IEEE802.11 a/n, WPS2.0 Wireless LAN - ((2.4 GHz) Infrastructure Mode): IEEE802.11 b/g/n, WPS2.0 Wireless LAN - ((2.4 GHz) Wi-Fi® Direct Mode): IEEE802.11g/n	-	Wireless LAN - ((5 GHz) Infrastructure Mode): IEEE802.11a/n, WPS2.0 Wireless LAN - ((2.4 GHz) Infrastructure Mode): IEEE802.11 b/g/n, WPS2.0 Wireless LAN - ((2.4 GHz) Wi-Fi® Direct Mode): IEEE802.11g/n
Wireless LAN security (Infrastructure mode)	-	Infrastructure Mode (Personal Mode): Open System (None, WEP 64-bit / 128-bit), Common Key Authentication (WEP 64-bit / 128-bit), WPA / WPA2-PSK / WPA3-SAE (TKIP + AES, AES), WPA3-SAE (AES) Enterprise Mode: EAP-FAST (TKIP + AES, AES), PEAP (TKIP + AES, AES), EAP-TLS (TKIP + AES, AES), EAP-TTLS (TKIP + AES, AES)	-	Infrastructure Mode (Personal Mode): Open System (None, WEP 64-bit / 128-bit), Common Key Authentication (WEP 64-bit / 128-bit), WPA / WPA2-PSK / WPA3-SAE (TKIP + AES, AES), WPA3-SAE (AES) Enterprise Mode: EAP-FAST (TKIP + AES, AES), PEAP (TKIP + AES, AES), EAP-TLS (TKIP + AES, AES), EAP-TTLS (TKIP + AES, AES)
Wireless LAN security (Wi-Fi® Direct mode)	-	WPA2-PSK (AES)	-	WPA2-PSK (AES)
NFC	Yes (Passive only)			

* Black mark only.

RJ series range

3 and 4 inch

RJ-3235B

RJ-3255WB

RJ-4235B

RJ-4255WB

3 inch

4 inch

Software / Firmware

Operating system support

Microsoft® Windows®, Windows® Server®

Microsoft® Window®

Microsoft® Windows®
Microsoft® Windows® Server®

For latest OS system Visit:
<https://support.brother.com>

b-Pac SDK availability

<https://support.brother.com/g/s/es/dev/en/index.html>

Android™, iOS®

Supported printer commands

Raster, ESC/P, P-touch Template, ZPL II emulation, CPCL emulation (CPCL page print mode, CPCL line print mode)

Barcode symbologies

CODE 39, CODE 93, ITF (I-2/5), EAN-8 (JAN 8), EAN-13 (JAN 13), UPC and EAN 2 digit or 5 digit extensions, UPC-A, UPC-E, CODABAR (NW-7), CODE 128, GS1-128 (UCC/EAN-128), GS1 DataBar (Standard, Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked), POSTNET, UPC/EAN EXTENSION, MSI, Intelligent Mail Barcode, QR Code, Micro QR Code, PDF417, MicroPDF417, MaxiCode, Data Matrix, Aztec

CODE 39, CODE 93, ITF (I-2/5), EAN-8 (JAN 8), EAN-13 (JAN 13), UPC and EAN 2 digit or 5 digit extensions, UPC-A, UPC-E, CODABAR (NW-7), CODE 128, GS1-128 (UCC/EAN-128), GS1 DataBar (Standard, Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked), POSTNET, MSI, Intelligent Mail Barcode, Micro QR Code, PDF417 (Standard, Truncate, MicroPDF417), QR Code (model 1, model 2, micro QR), MaxiCode, Data Matrix (ECC200 Square, ECC200 Rectangular), Aztec

Supported barcodes depend on printer commands.
Please refer to the command reference for details.

Memory

RAM

256MB

Flash

106MB

64MB

Environmental

Drop protection

2m

2.1m

Sealing

IP54

Operating temperature

Operate: -15°C to 50°C
Charging: 0°C to 40°C

Battery: -15°C to 50°C
AC Power adapter: -10°C to 40°C.
Car adapter: -10°C to 50°C

Operating humidity

10% to 90% (No condensation)

10% - 90%, Maximum wet bulb: 27°C (No condensation)

Storage temperature

-20°C to 60°C

Storage humidity

10% - 95% (No condensation)

10% - 95% (None-condensation,
Maximum wet bulb temperature: 27°C)

Power

Battery

Rechargeable Li-ion smart battery

AC Power adapter

AC Power adapter (15 V) only for charging (optional)

AC Power adapter (15 V) only for charging (50Hz / 60Hz) (optional)

Car adapter (optional accessory)

Cigarette car adapter or Wired type (12 V (DC)) only for charging

Weights / Dimensions

Dimensions (mm)

117mm (W) x 180mm (D) x 77mm (H)

153mm (W) x 159mm (D) x 68mm (H)

Weight (including battery)

810g

850g

Package content

Included in the box

Mobile Printer
Rechargeable Li-ion battery
USB 2.0 Full Speed Type C cable
Belt Clip
Roll Holder
Documentation

Mobile Printer
Rechargeable Li-ion battery
USB 2.0 Full Speed Type C cable
Belt clip
Adjuster guide locks

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at your side