



The RJ Series Mobile Printers – The need for speed

This latest addition to the Brother Mobile print portfolio offers high quality thermal printing in the form of up to 118mm (or less) receipts or labels. The impressively fast print speed and rugged nature of the RJ series fits the requirement of a wide range of vertical market applications. Bluetooth, Wireless and USB connectivity options make it possible for busy mobile workers to print on site or in the field.



- Up to 118mm sized receipt and label printing in a rugged design (IP54 certification)
- Fast Print speed – 5 ips (inch per second)/127mm per second
- Direct Thermal – no ink or toner needed
- USB, serial, Bluetooth and wireless network connectivity options
- Wide range of accessories available – Optional magnetic card reader, vehicle mount, 4-bay battery charger and so much more





Vertical Markets & Applications

Field Service / Sales

The deployment of RJ as a mobile print solution can benefit field workforce operations in a number of ways including: improved customer satisfaction by on site printing of receipts and invoices; increased productivity – faster printing can lead to more completed transactions in a day; reduced errors – customers can be provided with proof of work performed; and on-site invoicing – to help reduce collection delays and invoicing errors.

Applications include:

- Receipts and Invoices
- Repair Estimates
- Statements of Work
- Work Orders
- Statement Estimates/Quotes
- Maintenance/Service Reports



Logistics / Direct Store Delivery

As food and beverage companies look for ways to increase revenue, improve profitability, and increase satisfaction, one area they focus on is the mobile workforce. Specialist software has helped automate many of the manual delivery tasks that are routinely performed every day. However, unless the software supports the ability to print important customer information on site, the full benefits of the system might not be realised. RJ enables field workers to confirm and complete transactions on site, and provide customers with professional looking documents.

Applications include:

- Sales Orders and Confirmations
- Returned Goods Receipts and Labels
- Customer Invoices
- Delivery Receipts



Public Safety / Emergency Services

Brother RJ mobile printers can help increase operational efficiency by allowing law enforcement officers and emergency staff to document and report incidents more accurately and efficiently, much closer to the point of activity. With its Rugged design, fast print speed & reliable operation, RJ mobile printers offer a competitive combination of performance and features that provide benefits to officers printing tickets, parking violations, and much more.

Applications include:

- Parking Violations
- Electronic Citations/Fines
- Accident/Crime Scene Information
- Warning Notices



Manufacturing / Warehousing

Efficient manufacturing and warehouse operations are critical to the success of many companies. Business processes and worker productivity are key components to achieving this efficiency. Using the wireless infrastructure, RJ mobile printers provide workers with the ability to print barcode labels almost anywhere, saving time from having to get them from a centralised printer and reducing potential errors caused by mislabelling.

Applications include:

- Work-in-process Labels
- Bin and Shelf Labels
- Shipping/Despatch Labels
- Inventory Pick and Return Tickets





RJ Series

The New RJ Series complements the existing Brother mobile print line up, which also includes the successful PJ600 Series (compact A4 thermal printer) and the stylish and sleek MW Series (A6 & A7 cut sheet thermal printers). With its growing commitment to mobility, Brother can now offer a full product range to address a wide range of mobile print applications requiring up to 118mm rolls, cut sheet output and full page A4 output in many different environments.

Again, like the other printers in the Brother mobile portfolio, the RJ range uses direct thermal printing technology, which provides several benefits including higher reliability & lower maintenance cost due to fewer moving parts and no ink toner/ribbon to replace.

With a staggering print speed of 5ips, the RJ series can provide the ultimate solution which not only meets but exceeds industry expectations where efficiency of field professionals is paramount. This impressive print output can mean less wasted time, higher productivity, and increased customer satisfaction.



Machine	RJ Series	PJ Series	MW Series
Media	Up to 118mm receipts or labels	Full page A4 page	A6 or A7 Cut sheet
Feed	Continuous Roll	Roll or cut sheet	Auto cut sheet
Bluetooth	YES	YES	YES
Wifi	YES	NO	NO
IP54	YES	NO	NO
Print Speed	5ips	6ppm	3ppm (A6) 4ppm (A7)
General Print Application	On body, in vehicle	On-site, in vehicle	On body, on-site, in vehicle



Designed With Versatility In Mind

The new RJ Series was designed after listening closely to the needs of our customers while building new innovative features into the product that would help achieve their emerging application requirements. A comprehensive accessory offering together with up to 118mm print capability on label AND receipt extend the capability of the RJ series enabling it to fulfill a number of requirements across a number of vertical markets... One machine fits all!!

The compact, ergonomic and lightweight design of the RJ series allows the printer to fit in places where space is limited, and accessories are available for in-vehicle mounting or carrying in the field.



USB, serial, Bluetooth or wireless network connectivity options.



Add the optional magnetic card reader for processing credit card transactions.



Choice of power options including rechargeable batteries, AC adapters or vehicle power kits.



Versatile - print both labels and receipts up to 118mm wide.



Over the shoulder straps or belt clips available for ease of movement while printing in the field.



Highly reliable direct thermal technology uses fewer moving parts resulting in lower maintenance and running costs.

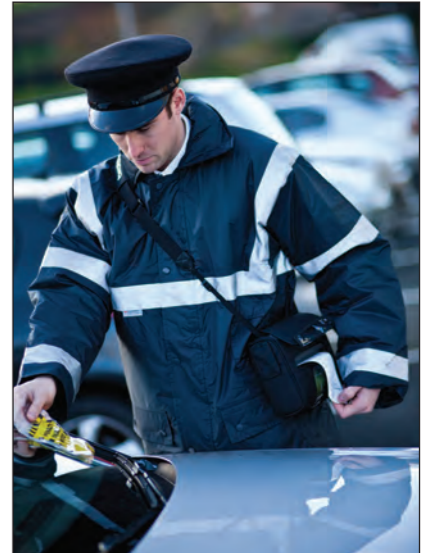


Truly Rugged Solution

Mobile IT equipment is rated according to international standards for ingress protection (IP). IP Codes classify the degrees of protection provided by electrical enclosures from dust, water and impact. IP54 means that the equipment will operate in dusty conditions, and will resist splashing water. In addition to the above, the machine has also undergone 6ft drop tests to provide extra credibility in terms of toughness and reliability.

Due to the nature of many mobile applications, printers may be exposed to a range of outdoor conditions which can affect the print operation or cause damage e.g. traffic warden printing in the field. However, RJ carries IP54 certification offering that extra piece of mind for such outdoor applications subject to damp/moisture or maybe indoor environments where dust is present i.e. warehouse applications. The Brother RJ accessory options can also offer further protection.

The very nature of thermal print technology also adds value to the general reliability of the RJ series. Customer feedback would suggest that thermal print technology is the only feasible solution for mobile workers because it is less susceptible to fluctuating seasonal temperatures and humidity extremes than inkjet technologies.



RJ Series Software Support & Features

Brother can provide the necessary tools required for software developers to integrate the print function into their mobile application. Printer drivers are available for Windows OS, and Software Development Kits can be provided to support Windows Mobile applications.

- Template mode – easy for developers to design a document on a PC including logos and barcodes then store inside the printer
- Simple template commands can call up stored templates and add variable information to the print out – saves time for development
- Bluetooth Imaging Protocol support for downloading and printing .jpeg files
- Brother ESC/P command support offers compatibility with a variety of different systems and platforms
- BPL (ZPL emulation) allows existing applications written for label/receipt printers to work with the RJ device without extra development costs



Customise Your Print Requirement

The RJ range of mobile printers have a range of optional accessories available. As each printing application is different, this enables customers to order only the accessories required to fulfil their specific requirement whilst keeping the overall cost to a minimum.

	RJ-3050	RJ-3150	RJ-4030	RJ-4040
127mm/sec print speed	✓	✓	✓	✓
203 x 200 dpi print resolution	✓	✓	✓	✓
Integrated automatic label peeler		✓		
LED status indicators	✓		✓	✓
Full colour LCD display		✓		
Maximum roll width	80mm	80mm	118mm	118mm
IP54 Certification	✓	✓	✓	✓
1.8 metre Drop Protection	1.2m	1.8m	1.8m	1.8m
USB interface	✓	✓	✓	✓
Serial interface			✓	✓
Bluetooth interface	✓	✓	✓	
WiFi interface	✓	✓		✓

Accessories			
Li-ion rechargeable battery	PA-BT-001-B	PA-BT-001-A	PA-BT-4000LI
AC adapter (EU)	PA-AD-600EU		
AC adapter (UK)	PA-AD-600UK		
12v car adapter (in-car socket)	PA-CD-600CG		
12v car adapter (permanently wired)	PA-CD-600WR		
4 bay battery charger cradle			PA-4BC-4000
Single battery charger cradle	PA-BC-001		
Printer mounting kit	PA-CR-001		PA-CM-4000
Protective case			PA-WC-4000
Shoulder strap	PA-SS-4000		
Magnetic card reader			PA-MCR-4000

Rolls (media)		
Receipt paper roll	RD-P08E5 (76mm width)	RD-M01E5 (102mm width)
Label roll	RD-P09E1 (76mm width)	RD-M03E1 (102mm width)

RJ Series Specification

	RJ-3050	RJ-3150	RJ-4030	RJ-4040
Printing				
Print resolution	203 x 200 dpi			
Print technology	Direct thermal			
Printing speed	Maximum 127mm/second (under Brother standard environment *1)			
Paper feed method	Roll feed			
Maximum print width	72mm		104mm	
Maximum print length	1 metre		3 metres	
Roll width – max/min	80mm / 25mm		118mm / 51mm	
Maximum roll diameter	66mm		58mm	

General				
Dimensions (w x h x d)	113mm x 80mm x 186mm	118mm x 82mm x 189mm	162mm x 77mm x 176mm	
Weight	610g	680g	610g	
Battery	Rechargeable Li-ion battery			

Interface				
USB	Standard	Standard	Standard	Standard
Serial	n/a	n/a	Standard	Standard
Bluetooth (Ver. 2.0 + EDR)	Standard	Standard	Standard	n/a
WiFi (802.11 b/g/n)	Standard	Standard	n/a	Standard

Software Support		
Windows OS driver support	See http://support.brother.com for latest information	
SDKs	Android 2.3 or later IOS 5 or later	Windows CE 5.0 or later Windows Mobile 5 or later Android 2.2 or later
Supported commands	P-touch Template 2.0, Raster, ESC/P	
Emulation compatibility	ZPL II® / CPCL	ZPL II®

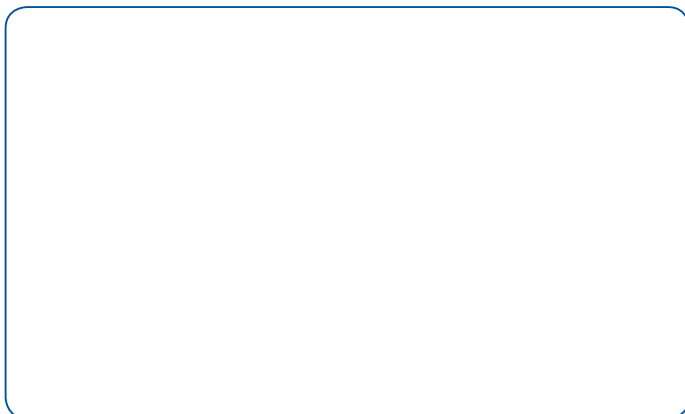
Memory		
RAM	32MB	
Flash	32MB	16MB

Environmental				
Sealing certification	IP54			
Drop protection	1.2m	1.8m	1.8m	1.8m

Package contents		
Items included	Printer Belt clip Li-ion battery	Printer Belt clip

*1 Figures quoted depend on operating environment. *Brother standard environment* is based on connectivity via USB with fully charged new battery at 23 degrees C. (7% coverage - 100mm X 150mm)

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at your side



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