



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 4" (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.

- 4" 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
- Wide range of connectivity options – USB, Serial, and either Bluetooth technology or WiFi wireless connectivity
- Wide range of accessories available – Optional magnetic card reader, vehicle mount, 4-bay battery charger and so much more



RJ Series



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
- Customer Invoices
- Returned Goods Receipts and Labels
- 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
- Accident/Crime Scene Information
- Electronic Citations/Fines
- 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
- Shipping/Despatch Labels
- Bin and Shelf 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 4" roll, 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	2" or 4" 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 a 2" and 4" print capability on label AND receipt extend the capability of the RJ series enabling it to fullfil 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 and either Bluetooth or WiFi to handle applications on site or outdoors.



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 from 2 inches to 4 inches wide on one printer!!



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



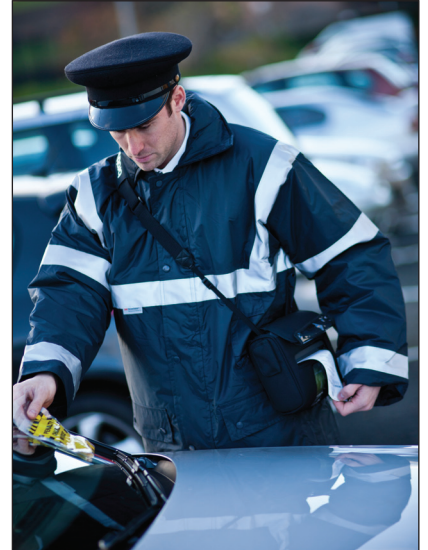
Highly reliable direct thermal technology uses fewer moving parts resulting in lower maintenance and running costs.

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 New 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 mobile printers are supplied only with a USB cable, CD-ROM, user guide and belt clip. 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.

Step 1 ‘Choose your printer’

RJ Model Comparison	RJ4030	RJ4040
203 x 200 dpi print resolution	✓	✓
IP54 Certification	✓	✓
6ft drop protection	✓	✓
USB & serial interface	✓	✓
Bluetooth technology interface	✓	
WiFi interface		✓
5 ips print speed	✓	✓

Step 2 ‘Choose your Accessories’



Power Options

PA-BT-4000LI	PA-AD-600EU	PA-AD-600UK	PA-CD-600CG 12V	PA-CD-600WR 12V	PA-4BC-4000
Li-ion Rechargeable Battery	AC Adapter (EU)	AC Adapter (UK)	12V Car Adapter (Cigarette Socket)	12V Car Adapter (Permanently Wired)	4 Bay Battery Charger
					

Carrying/Protection/Mounting Options

PA-MCR-4000	PA-CM-4000	PA-WC-4000	PA-SS-4000
Magnetic Card Reader	Car Mounting Kit	Weather Case	Shoulder Strap
			

Paper

RD-M01E5	RD-M03E1
4" Wide Paper Rolls	4" Wide Label Rolls
	

We also have the capability to customise our consumables to your requirement i.e size etc.

RJ Series Specification

Printing	RJ-4030	RJ-4040
Print resolution	203dpi	
Print technology	Direct thermal	
Printing speed	Maximum 5ips (inches per second) or 127mm/second (under Brother standard environment *1)	
Paper feed method	Roll feed	
Printable Width	Maximum 104mm (4.09 inches)	
Print Length	Maximum 3m (118.11 inches)	
Roll Width – Max/Min	118mm (4.64") / 51mm (2.0")	
Maximum Roll Diameter	58mm (2.28")	
General		
Dimensions (W x H x D)	6.38" x 6.93" x 3.03" (162mm x 176mm x 77mm)	
Weight	610g/1.35lb excluding Battery and paper	
Battery	Rechargeable, Li-ion 14.4V	
No. of pages per battery charge	Rechargeable Li-ion Battery: approximately 2000 labels - continuously printing. (under Brother standard environment *1)	
Interface		
USB	Standard	Standard
Serial	Standard	Standard
Bluetooth (Ver. 2.0 + EDR)	Standard	N/A
WiFi (802.11 b/g/n)	N/A	Standard
Software Support		
OS Driver Support	Windows XP, Windows Vista, Windows 7	Windows XP, Windows Vista, Windows 7, Windows Server 2003, Windows Server 2008/2008 R2
SDKs	Windows CE 5.0 & later, Windows Mobile 5 & later Android 2.2 & later	
Supported Command	P-touch Template 2.0, Raster, ESC/P	
Emulations	ZPL II® Compatible	
Barcode support	Yes	
Memory		
RAM	32MB	
Flash	16MB	
Environmental		
Temperature	0C to +40C (During Operation) -20C to +60C (During Storage)	
Relative Humidity	20%-80% (No Condensation)	
Sealing Certification	IP54	
Drop Protection	1.8m (6ft)	
Package contents		
Items included	RJ Printer (RJ4030 or RJ4040), Belt clip, Quick Set up Guide, CD-ROM (printer driver and user manual) includes Barcode & Label Design Software	

*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 4X6 inches.)

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