RJ Series

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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 102mm (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.

- 102mm 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

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 51mm and 102mm print capability on label, AND receipt extend the capability of the RJ series enabling it to fullfil a number of requirements across a range 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.

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

USB, Serial and either Bluetooth or WiFi to handle applications on site or outdoors.

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

Versatile – print both labels AND receipts from 51mm to 102mm wide on one printer!

Over the shoulder straps and 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.

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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"(102mm) 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/127mm, 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.

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 1.8m 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 Model Comparison	RJ4030	RJ4040
203 x 200 dpi print resolution	✓	✓
IP54 Certification	✓	✓
1.8m drop protection	✓	✓
USB & serial interface	✓	✓
Bluetooth technology interface	✓	–
WiFi interface	–	✓
5 ips/127mm print speed	✓	✓

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	
Print Length	Maximum 3m	
Roll Width – Max/Min	118mm / 51mm	
Maximum Roll Diameter	58mm	
Dimensions (W x H x D)	162mm x 176mm x 77mm	
Weight	610g 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)	
Items included	RJ Printer (RJ-4030 or RJ-4040), Li-ion battery, Shoulder strap, 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.)

Contact :

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Earth

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