brother
at your side



RJ series rugged mobile receipt and label printer range

Our comprehensive range of RJ mobile printers feature impressive print speeds and a rugged build quality to fit the requirements of a wide range of vertical market applications. Bluetooth, Wireless & USB connectivity options make it possible for busy mobile workers to print on site or in the field.



In the modern business climate, companies today are striving to differentiate themselves from the competition and are therefore investing in technologies which will increase worker productivity and improve customer satisfaction.

Mobile printers are now being recognised as an integral part of the overall mobile mix, due to the many benefits they offer to field workers and their overall Return On Investment (ROI).









The RJ range of rugged mobile printers from Brother offer the latest connectivity options, functionality and accessories which stand up to the rigours of even the most extreme environments.

RJ series range summary

RJ Series	RJ-2030	RJ-2050	RJ-2140	RJ-2150	RJ-3050	RJ-3150	RJ-4030	RJ-4040
	2 Inch (54mm)				3 Inch (76.2mm)		4 Inch (101.6mm)	
MEDIA TYPES								
Receipt	●	●	●	●	●	●	●	●
Labels			●	●		●	●	●
PRINTING								
Print speed	152mm/sec				127mm/sec		127mm/sec	
Resolution	203dpi				203dpi		203dpi	
Max. print width(s)	54mm				72mm		104mm	
CONNECTIVITY								
USB	●	●	●	●	●	●	●	●
Serial							●	●
Wireless LAN		●	●	●	●	●		●
Bluetooth	●	●		●	●	●	●	
AirPrint		●	●	●	●	●		●
MFi		●		●				
OTHERS								
IP Rating	IP54				IP54		IP54	
Drop protection	2.5 metres				1.2 metres	1.8 metres	1.8 metres	
Weight (with battery)	465g		545g		610g	680g	850g	
Dimensions (mm)	122(w) 57(h) 100(d)		151(w) 73(h) 100(d)		113(w) 80(h) 186(d)	116(w) 82(h) 189(d)	162(w) 176(h) 77(d)	

Retail

Improve workforce efficiency by printing receipts and labels on demand, whilst at the same time offer greater customer engagement and satisfaction.

Applications include:

- Shelf edge labels
- “Queue busting” receipt printing
- Mark down or discount labels

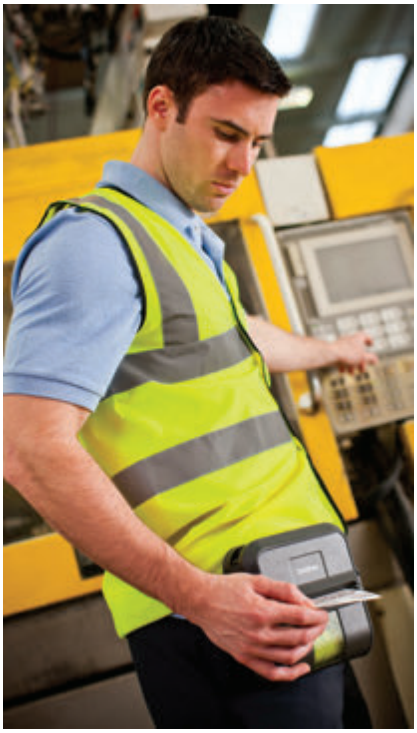


Field Service / Sales

The deployment of a mobile print solution offers increased productivity courtesy of reduced administrative duties, and enhanced customer satisfaction by providing immediate documentation of chargeable work carried out. Differentiate your brand from the competition by empowering field technicians with Brother mobile print solutions to deliver higher levels of customer service whilst at the same time increasing operational efficiencies.

Applications include:

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



Logistics / Direct Store Delivery

As companies look for ways to increase revenue, increase profitability and improve their customer relations, rugged tablets and mobile handheld devices along with customised software help automate many of the manual delivery tasks that are routinely performed every day. Leaving a printed output at the point of delivery 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 receipts
- Delivery receipts



Public Safety / Emergency Services

Brother RJ mobile printers help increase operational efficiency by allowing law enforcement officers and emergency staff to document and report incidents more accurately and efficiently, at the point of interaction. With their rugged design, fast print speed and reliable operation, they offer a competitive combination of performance and features which provide benefits to officers printing tickets, parking violations, and much more.

Applications include:

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



Manufacturing / Warehousing

Efficient manufacturing, warehouse operations and worker productivity are critical to the success of many companies. Using wireless connectivity, the Brother RJ mobile printer range provides workers with the ability to print barcode labels on-demand, at the point of application. This saves 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





RJ2 Series



RJ3 Series



RJ4 Series

Software Support/Features

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 can be provided to support Windows Mobile*, Android and iOS operating systems.



AirPrint* and MFi* support

Easily connect to, and print from Apple devices thanks to AirPrint and MFi support.

Template Mode

Design the required document on your Windows PC, including logos and barcodes. Once transferred and stored in the printer's memory, the template can be recalled and any data replaced, before printing with just a few short commands.



Printer Commands*

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



Bluetooth Imaging Protocol*

Create jpeg files from within your application, then send directly to the printer using Bluetooth wireless connectivity.





* Check model compatibility


Parking Violation
No. 0001
This vehicle is improperly parked
Reason for Violation:
Vehicle has no valid Parking permit
Parked in No Parking area
Parked in Bus lane
Parked in Disabled space
Parked in Reserved Space
Blocking Access point
Blocking other vehicle
Parked in 2 spaces
Other:
Your license number has been recorded. Additional violations may result in towing of the vehicle at the owner's expense.
License Plate No.
Drivers name (if known)
Vehicle make & Model
Location:
Date
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Accessories and Print Supplies

	2 Inch (54mm)			
				
RJ Series	RJ-2030	RJ-2050	RJ-2140	
Li-ion rechargeable battery	PA-BT-003	PA-BT-003	PA-BT-003	
AC adapter	PA-AD-600	PA-AD-600	PA-AD-600	
12v car adapter (in-car socket)	PA-CD-600CG	PA-CD-600CG	PA-CD-600CG	
12v car adapter (permanently wired)	PA-CD-600WR	PA-CD-600WR	PA-CD-600WR	
Single battery charger	PA-BC-002	PA-BC-002	PA-BC-002	
Printer Mounting Kit	N/A	N/A	N/A	
Shoulder Strap	PA-SS-4000	PA-SS-4000	PA-SS-4000	

	3 Inch (76.2mm)		4 Inch (101.6mm)	
				
RJ-2150	**RJ-3050**	**RJ-3150**	**RJ-4030**	**RJ-4040**
PA-BT-003	PA-BT-001-B	PA-BT-001-A	PA-BT-4000LI	PA-BT-4000LI
PA-AD-600	PA-AD-600	PA-AD-600	PA-AD-600	PA-AD-600
PA-CD-600CG	PA-CD-600CG	PA-CD-600CG	PA-CD-600CG	PA-CD-600CG
PA-CD-600WR	PA-CD-600WR	PA-CD-600WR	PA-CD-600WR	PA-CD-600WR
PA-BC-002	PA-BC-001	PA-BC-001	N/A	N/A
N/A	N/A	N/A	PA-CM-4000	PA-CM-4000
PA-SS-4000	PA-SS-4000	PA-SS-4000	PA-SS-4000	PA-SS-4000

Features & Specifications - 2 Inch (54mm)

	RJ-2030	RJ-2050	RJ-2140	RJ-2150
Printing / Media				
Printing technology	Direct thermal			
Print resolution	203dpi			
Print speed*	Maximum 152mm/second (6ips)			
Maximum print width	54mm max for all models			
Maximum print length	1 metre			
Media sensor type	Reflective		Transmissive / Reflective	
Tear bar	Yes			
Media types	Receipt paper		Label rolls / Receipt paper	
Receipt width	58mm max			
Receipt paper thickness	2.3-3.5 mils (0.058-0.090mm)			
Label width	-		55mm	
Label thickness	-		3.1-6.7 mils (0.080-0.170mm)	
Roll diameter	40mm max		60mm max	
Core diameter	10.2mm			
LCD				
Type	Backlit monochrome LCD			
Connectivity				
USB	USB version 2.0 full-speed (mini-B connector)			
USB host capability	-	-	-	-
Bluetooth	Bluetooth 2.1+EDR			Bluetooth 2.1+EDR
Bluetooth profiles	SPP (Serial Port Profile) OPP (Object Push Profile) BIP (Basic Imaging Profile) HCRP (Hard Copy Cable Replacement Profile)	SPP (Serial Port Profile) OPP (Object Push Profile) BIP (Basic Imaging Profile) HCRP (Hard Copy Cable Replacement Profile) iAP supported	-	SPP (Serial Port Profile) OPP (Object Push Profile) BIP (Basic Imaging Profile) HCRP (Hard Copy Cable Replacement Profile) iAP supported
MFi support	-	Yes	-	Yes
Wireless LAN	-		IEEE802.11b/g/n Infrastructure mode: [b/g/n] Adhoc mode: [b/g/n] Wireless direct mode: [g/n]	
Wireless LAN security (AdHoc mode)		None/WEP		
Wireless LAN security (Infrastructure mode)	-	None/WEP64/WEP128 Common key authentication (WEP) WPA/WPA2-PSK (TKIP+AES) LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) *3 EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)		
Wireless LAN security (Wireless direct mode)	-	WPA2-PSK (AES)		

	RJ-2030	RJ-2050	RJ-2140	RJ-2150
Software / Firmware				
Operating system support	Microsoft® Windows Vista®/ Windows® 7 / Windows® 8 Windows® 8.1 / Windows® 10 Android 4.0.3 or higher (SDK) iOS 6 or higher (SDK) (visit http://support.brother.com for latest OS support)			
Microsoft® WHQL certified drivers	Yes			
SDK availability (visit brother.com.au/service-and-support/software-development-kit.html)	b-PAC (for Windows) Android 4.0.3 or higher (SDK) iOS 6 or higher (SDK)			
Supported printer commands	ZPLII emulation CPCL emulation ESC/P P-touch Template Raster			
Barcode symbologies	CODE39 / ITF (I-2/5) / EAN-13 /EAN-8 / UPC-A / UPC-E / CODABAR / CODE128 / GS1-128(UCC/EAN-128) RSS symbols / CODE93 / POSTNET / UPC/EAN EXTENSION / MSI / QR Code (model 1, model 2, micro QR) PDF417 (Standard, Truncate, MicroPDF417) / Data Matrix (ECC200 Square, ECC200 Rectangular) / MaxiCode / Aztec			
Internal fonts	<ESC/P commands> Bitmap fonts: Gothic, Letter Gothic Bold, Helsinki Font sizes: 16, 24, 32 dots Outline fonts: Gothic, Letter Gothic Bold, Helsinki Font sizes: 400 dots (maximum) <P-touch Template commands> Outline fonts: Gothic, Letter Gothic Bold, Helsinki Font sizes: 400dots (maximum)			
Memory				
RAM	32MB			
Flash	32MB (12MB available for template upload)			
Environmental				
Drop protection	2.5 metres - multiple drops (under Brother standard environment)			
Sealing	IP54			
Operating temperature	Operating: -10C to +50C / Charging: 0C to +40C			
Operating humidity	10%-90% / Maximum web bulb: +27C (no condensation)			
Storage temperature	-20C to +60C for 120 hours maximum			
Storage humidity	+45C @ 95% for 120 hours maximum			
Power				
Battery	Rechargeable Li-ion (7.2V)			
AC adapter (optional accessory)	100-240V AC (50/60Hz) to 15V DC (only for charging)			
Car adapter (optional accessory)	12V DC (only for charging)			
Weights/Dimensions				
Dimensions	122(w) x 57(h) x 100(d) mm		151(w) x 73(h) x 100(d) mm	
Weight (including battery)	465g		545g	
Included items				
Included items	Printer Li-ion battery Belt clip Documentation			

*Brother standard test environment

Features & Specifications - 3 & 4 Inch (76.2mm & 101.6mm)

	RJ-3050	RJ-3150	RJ-4030	RJ-4040
Printing / Media				
Printing technology	Direct thermal			
Print resolution	203dpi			
Print speed*	Maximum 127mm/second (5ips)			
Maximum print width	72mm		104mm	
Maximum print length	1 metre		3 metres	
Media sensor type	Reflective	Transmissive / Reflective	Transmissive / Reflective	
Tear bar	Yes			
Media types	Receipt paper	Label rolls / Receipt paper		
Receipt width	80mm		51-118mm	
Receipt paper thickness	2.3-3.5 mils (0.058-0.090mm)		2.01-3.5 mils (0.051-0.090mm)	
Label width	-	76mm	51-118mm	
Label thickness	-	3.2-6.7 mils (0.080-0.170 mm)	3.1-6.7 mils (0.080-0.170mm)	
Roll diameter	66mm max		58mm max	
Core diameter	10.2mm (receipt)	10.2mm (receipt) / 25.4mm (labels)	12.7mm (receipt) / 25.4mm (labels)	
LCD				
Type	-	Colour	-	
Connectivity				
USB	USB version 2.0 full-speed (mini-B connector)			
USB host capability	-	Yes (type A connector)	-	
Bluetooth	Bluetooth 2.1 + EDR (Class 1)		Bluetooth 2.0	-
Bluetooth profiles	SPP (Serial Port Profile) OPP (Object Push Profile)		SPP (Serial Port Profile) OPP (Object Push Profile) BIP (Basic Imaging Profile)	-
MFi support	-			
Wireless LAN	IEEE802.11b/g/n Infrastructure mode / Wireless direct mode: [b/g/n] Adhoc mode: [b] Wireless direct mode: [b/g/n]		-	IEEE802.11b/g/n Infrastructure mode: [b/g/n] Adhoc mode: [b]
Wireless LAN security (AdHoc mode)	None/WEP		-	None/WEP
Wireless LAN security (Infrastructure mode)	None/WEP64/WEP128 Common key authentication (WEP) WPA/WPA2-PSK (TKIP+AES) LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)		-	Personal mode None/WEP64/WEP128 Enterprise mode LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)
Wireless LAN security (Wireless direct mode)	WPA2-PSK (AES)		-	
Serial	-		RS-232C * Using original serial cable	

	RJ-3050	RJ-3150	RJ-4030	RJ-4040
Software / Firmware				
Operating system support	Microsoft® Windows Vista®/ Windows® 7 / Windows® 8 Windows® 8.1 / Windows® 10 Windows® Server 2008/2008 R2 / Windows® Server 2012/2012 R2 Android 2.3 or higher (SDK) iOS 5 or higher (SDK) (visit http://support.brother.com for latest OS support)		Microsoft® Windows Vista®/ Windows® 7 / Windows® 8 Windows® 8.1 / Windows® 10 Windows CE 5.0 / 6.0 (SDK) Windows Mobile 5 / 6x (SDK) Android 2.3 or higher (SDK) (visit http://support.brother.com for latest OS support)	Microsoft® Windows Vista®/ Windows® 7 Windows® 8 Windows® 8.1 / Windows® 10 / Microsoft® Windows Server®2003/2008/2008R2/2012/2012R2 Windows CE 5.0 / 6.0 (SDK) Windows Mobile 5 / 6x (SDK) Android 2.3 or higher (SDK) iOS 5 or higher (SDK) (visit http://support.brother.com for latest OS support)
Microsoft® WHQL certified drivers	Yes			
SDK availability (visit brother.com.au/service-and-support/software-development-kit.html)	b-PAC (for Windows) Brother Print SDK for Android™ (forAndroid) Brother Print SDK for iPhone/iPad (for iOS)		b-PAC (for Windows) MPrint&PocketJetSDK for Windows Mobile® (for Windows CE 5.0 / 6.0, Windows Mobile 5.0 / 6.x) MPrint&PocketJetSDK for .NET Compact Framework (for Windows CE 5.0 / 6.0, Windows Mobile 5.0 / 6.x) Brother Print SDK for Android™ (for Android) Brother Print SDK for iPhone/iPad (for iOS)	
Supported printer commands	ZPLII emulation, CPCL emulation, ESC/P, P-touch Template, Raster			
Barcode symbologies	Using ESC/P with P-touch Template CODE39, ITF(I-2/5), EAN-13 (JAN13), EAN-8(JAN8), UPC-A, UPC-E, CODABAR (NW-7), CODE128, GS1-128 (UCC/EAN-128), QR Code (model 1, model 2, micro QR), PDF417 (Standard, Truncate, MicroPDF417), DataMatrix (ECC200 Square, ECC200 Rectangular), MaxiCode, GS1 DataBar (Standard, Truncated, Stacked, Stacked Omnidirectional), GS1 DataBar Limited, GS1 DataBar Expanded (Standard, Stacked) Using only ESC/P UPC/EAN EXTENSION, CODE93, POSTNET		CODE39 / ITF(I-2/5) / EAN-13 /EAN-8 / UPC-A / UPC-E / CODABAR / CODE128 / GS1-128(UCC/EAN-128) / Postnet QR Code (model 1, model 2, micro QR) PDF417 (Standard, Truncated, MicroPDF417) / Data Matrix (ECC200 Square, ECC200 Rectangular) / MaxiCode / GS1 Databar (Standard, Truncate, Stacked, Stacked Omnidirectional) / GS1 Databar Limited / GS1 Databar Expanded (Standard / Stacked)	
Memory				
RAM	32MB			
Flash	32MB		16MB (6MB usable for template transfer)	
Environmental				
Drop protection*	1.2 metres	1.8 metres		
Sealing	IP54			
Operating temperature	Operating: -10C to +50C / Charging: 0C to +40C		Operating: 0C to 40C / Charging: 0C to +40C	
Operating humidity	10%-90% / Maximum web bulb: +27C (no condensation)		20%-80% (no condensation)	
Storage temperature	-20C to +60C			
Storage humidity	10-90% (no condensation)		20%-80% (no condensation)	
Power				
Battery	Rechargeable Li-ion (7.2V)		Rechargeable Li-ion (14.4V)	
AC adapter (optional accessory)	110/220V AC (50/60Hz) to 15V DC (only for charging)		110/220V AC (50/60Hz) to 15V DC	
Car adapter (optional accessory)	12V DC (only for charging)		12V DC	
Weights/Dimensions				
Dimensions	113(w) x 80(h) x 186(d) mm	116(w) x 82(h) x 189(d) mm	162(w) x 176(h) x 77(d) mm	
Weight (including battery)	610g	680g	610g (without battery) / 850g (with battery)	
Included items				
Included items	Printer Li-ion battery (PA-BT-001-B) Belt clip Documentation	Printer Li-ion battery (PA-BT-001-A) Button type battery Belt clip Documentation	Printer Belt clip Documentation	

*Brother standard test environment

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Made for iPod iPhone iPad

AirPrint

Compatible with Windows 7

Windows 8 Compatible

Windows 10 Compatible

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

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www.brother.com.au

Contact:

Brother Earth

ENERGY STAR

Brother International (Aust) Pty Ltd

Suite 1, Level 3, Building A, 11 Talavera Road
Macquarie Park NSW 2113
Phone: 02 9887 4344

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