



Rugged, compact and portable 2" receipt printer

RJ-2030 / RJ-2050 / RJ-2140 / RJ-2150 Data Sheet

2" portable receipt and label printer

With its advanced connectivity options, RJ-2 printers are the ideal mobile printer for printing labels, receipts, tickets and other documentation.

The RJ mobile printer integrates into your existing system thanks to Wi-Fi, Bluetooth and USB connectivity.

Key features:

- Durable with IP54 rating and drop tested up to 2.5m
- Compatible with a wide range of devices and operating systems, including iOS and Android
- Easy to use with mono LCD and three flat membrane keys
- Simple integration into existing applications with free Software Development Kits (SDKs)
- Customisable with power options including rechargeable batteries, AC adaptor, vehicle power kits and linkable battery chargers



General

Carton contents	Belt Clip Li-ion battery Documentation
Language support	English, French, Dutch, German, Italian, Spanish

Dimensions and weights

Without carton	RJ-2030 / RJ-2050: 122(w) x 100(d) x 57(h) 465g
	RJ-2140 / RJ-2150: 151(w) x 100(d) x 73(h) 545g

Built in features

Printing Method	Direct Thermal
Print Resolution	203dpi
Print Speed	Maximum 6ips (152mm/sec) (Under Brother standard environment)
Maximum Print Width	54mm RJ-2140 / RJ-2150: 51mm (labels)
Minimum print length	12.7mm
Maximum print length	1m
LCD	Backlit monochrome LCD
Interfaces	RJ-2030 / RJ-2050 / RJ-2150: USB Ver.2.0 (Full Speed) (Type B) Bluetooth Version.2.1 RJ-2050 / RJ-2140 / RJ-2150: Wireless LAN 802.11 b/g/n supporting (supporting AirPrint® from iOS® devices)
Bluetooth Profile	RJ-2030: Classic; SPP, OPP, BIP, HCRP RJ-2050 / RJ-2150: Classic; SPP, OPP, BIP, HCRP, iAP supported
WLAN Security	RJ-2050 / RJ-2140 / RJ-2150: Authentic method (encryption scheme) AdHoc mode -Open system(None/WEP) Authentic method (encryption scheme) Infrastructure mode -Open system(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) Wireless direct mode -WPA2-PSK (AES)

Operating system support	Microsoft® Windows Vista® / Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 Microsoft® Windows Server® 2008 / 2008 R2 / 2012 / 2012 R2 / 2016 / 2019 Linux
Mobile OS Support	Android 4.0.3 or later iOS® 6 or later Requires 3 rd party app development using Brother SDK, further information available at www.brother.co.jp/eng/dev/
Printer commands	ZPLII emulation CPCL emulation ESC/P P-touch Template Raster
RAM	32MB
Flash	32MB (12MB available for template upload)
Internal fonts & sizes	<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)

Environmental

Drop protection	2.5 metres
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
Storage humidity	10% to 90% (+45C)

Supplies

	RD-R03E5 (Receipt – 58mm x 12m)
RD roll type	RJ-2140 / RJ-2150: RD-Q04E1 (450 Labels – 51mm x 26mm)

Optional accessories

Battery	PA-BT-003 Rechargeable Li-ion (7.2V)
Battery Charger	PA-BC-002 (up to 4 can be connected using one AC adaptor)
AC adaptor	PA-AD-600A 100/240V AC (50/60Hz) to 15V DC (only for charging)
Car adaptor	PA-CD-600CG Cigar lighter plug PA-CD-600WR Permanently wired 12V DC (only for charging)
Shoulder strap	PA-SS-4000

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B/E Product Planning: Last updated 17/12/2020