



Palm-sized printers, perfect for printing on-the-move

RJ-2035B / RJ-2055WB / RJ-3035B / RJ-3055WB Data Sheet

Our lightest mobile printers yet

These RJ mobile printers are ideal for printing receipts, tickets and labels.

Lightweight and compact, the 2" and 3" receipt printers have a range of connectivity options and integrate easily into your existing systems thanks to the supported printer command languages and free of charge Software Development Kits.

Key Features:

- **Portable and compact design: 2.5m drop tested and IP54 rating with optional case**
- **Ready to integrate with iOS® and Android apps**
- **Compatible with Windows®**
- **Easy to use with USB, Bluetooth and wireless connectivity options**
- **Fast print speeds up to 4ips (101mm/sec)**
- **Battery indicator for LED charge status**



General

Carton contents	Belt Clip Power Adaptor Battery Documentation
Language support	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

Dimensions & Weights

Without carton (with battery)	RJ-2035B / RJ-2055WB: 79(w) x 116(d) x 36.5(h) 215g
	RJ-3035B / RJ-3055WB: 105(w) x 116(d) x 49.5(h) 375g

Built In Features

Printing Method	Direct Thermal
Print Speed	Maximum 4ips
Maximum print width	48mm – RJ-2035B/RJ-2055WB 72mm – RJ-3035B/RJ-3055WB
Maximum print length	2794mm
Print Resolution	203dpi
Maximum media width	58mm – RJ-2035B/RJ-2055WB 80mm – RJ-3035B/RJ-3055WB
Maximum roll diameter	30mm – RJ-2035B/RJ-2055WB 40mm – RJ-3035B/RJ-3055WB
Number of labels per battery charge	Approx. 36m or 510 labels - RJ-2035B Approx. 20m or 279 labels - RJ-2055WB Approx. 90m or 1260 labels - RJ-3035B Approx. 54m or 750 labels - RJ-3055WB (*Under Brother standard environment)
Interfaces	USB Ver.2.0 (Full Speed) (Micro) Bluetooth Version.4.2 – RJ-2055WB/RJ-3055WB Bluetooth Version.5.0 MFi – RJ-2035B/RJ-3035B Wireless LAN IEEE802.11a/b/g/n supporting 2.4GHz and 5GHz – RJ-2055WB/RJ-3055WB NFC (Passive)
Bluetooth Profile	RJ-2035B / RJ-3035B: Classic; SPP(Serial Port Profile), GATT (Low Energy)/ iAP supported RJ-2055WB / RJ-3055WB: Classic; SPP(Serial Port Profile), GATT (Low Energy)

WLAN Security	RJ-2055WB / RJ-3055WB: Authentic method (encryption scheme) Infrastructure mode: <ul style="list-style-type: none"> Open system (None/WEP64/WEP128) WPA/WPA2-PSK (TKIP+AES) EAP-FAST (TKIP/AES) PEAPv0 (TKIP/AES) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)
Printer commands	FBPL-EZC (EPL2/ZPL2/CPCL) FBPL-EZP (EPL2/ZPL2/ESC-POS) - download
Printer driver	Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10 Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019 MAC OS: v 10.11 – 10.15 Linux: Ubuntu V11.04-16.04, Fedora 24 SUSE Linux Enterprise Server 12, CentOS Linux 7.2 Red Hat Enterprise 7.3 OPOS driver support 32-bit and 64-bit
Windows SDK	Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10 Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019
Mobile SDK	Android v5 – v10 iOS v9 – v13.2 Requires 3rd party app development using Brother SDK, further information available at www.brother.co.jp/eng/dev/
Software	BarTender Ultra Lite Edition – Barcode label design software Brother Printer Management Tool – Software to centrally manage devices for updating settings, firmware and other configurations. (Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10 only), Microsoft® Windows® Server 2012 / Server 2016 / Server 2019)
Internal fonts & sizes	8 alpha-numeric bitmap fonts for FBPL2 Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font Downloadable font support via BPM software

Optional Accessories

Barcode Symbology

Linear:

Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Standard 2 of 5, Industrial 2 of 5, Code39, Code39 with check digit, Code93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, EAN14, Code11, TELEPEN, TELEPEN number, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS

2-dimensional:

CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF417, TLC39

Environmental

Drop Protection	1.8m (without IP54 case) 2.5m (with IP54 case - option) (Under Brother standard environment)
Sealing	IP42 without case IP54 with case (option)
Operating Temperature	-15°C to 50°C
Operating Humidity	10% to 90% non-condensing
Charging Temperature	0°C to 40°C
Storage Temperature	-30°C to 70° C

Supplies

Media roll type	RJ-2035B / RJ-2055WB: BDE-1J000-057-030 Receipt Roll: 57mm x 6.6m
	RJ-3035B / RJ-3055WB: BDE-1J000-079-040 Receipt Roll: 79mm x 14m
	RJ-3055WB: BDE-1J044-076-040 Die-Cut Labels: 76mm x 44mm, 70 labels

Cases	RJ-2035B / RJ-2055WB: PA-CC-002 IP54 Protective case with Shoulder strap
	RJ-3035B / RJ-3055WB: PA-CC-003 IP54 Protective case with Shoulder strap
	All models: PA-SS-001 Shoulder strap with adaptor
Power Options	RJ-2035B / RJ-2055WB: PA-4BC-001 4-Bay Battery Charger PA-CR-003 Single Bay Cradle/Charger** PA-4CR-001 4-Bay Cradle/Charger**
	RJ-3035B / RJ-3055WB: PA-BC-005 Single Bay Battery Charger PA-4BC-002 4-Bay Battery Charger PA-CR-004 Single Bay Cradle/Charger** PA-4CR-002 4-Bay Cradle/Charger**
	All models: PA-CD-001CG Cigarette lighter plug**
Battery	RJ-2035B / RJ-2055WB: PA-BT-008 Rechargeable Li-ion battery
	RJ-3035B / RJ-3055WB: PA-BT-009 Rechargeable Li-ion battery PA-BT-010 Rechargeable Li-ion Smart battery
Media Handling	RJ-2035B / RJ-2055WB: PA-LPR-002 Linerless Kit^^ PA-RS-001 Roll Spacer
	RJ-3035B / RJ-3055WB: PA-LPR-003 Linerless Kit^^ PA-RH-002 Roll Holder PA-RS-002 Roll Spacer

*Connected by Wi-Fi or Bluetooth communications with new battery and full charge. Printed by Brother specified data (12.5% coverage 72mm media length)

**Accessory coming soon

^RJ-2055WB and RJ-3055WB only

^^ Dealer option only

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