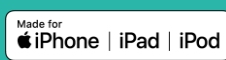




Palm-sized printers, perfect for printing on-the-move

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
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)
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.eu/developer
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

All specifications are correct at the time of printing and are subject to change without notice. Brother and the brother logo are both trademarks of Brother Industries, Ltd., registered in Japan and certain other countries. Any trade names, logos and product names of other companies appearing are trade names or trademarks of those respective companies.

BIE Product Planning: Last updated 26/06/2020