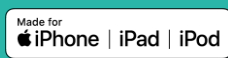




# Palm-sized printers, perfect for printing on-the-move

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

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

## Dimensions & Weights

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

## Built In Features

<b>Printing Method</b>	Direct Thermal
<b>Print Speed</b>	Maximum 4ips
<b>Maximum print width</b>	48mm – RJ-2035B/RJ-2055WB 72mm – RJ-3035B/RJ-3055WB
<b>Maximum print length</b>	2794mm
<b>Print Resolution</b>	203dpi
<b>Number of labels per battery charge</b>	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)
<b>Interfaces</b>	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)
<b>Bluetooth Profile</b>	<b>RJ-2035B / RJ-3035B:</b> Classic; SPP(Serial Port Profile), GATT (Low Energy)/ iAP supported
	<b>RJ-2055WB / RJ-3055WB:</b> Classic; SPP(Serial Port Profile)
<b>WLAN Security</b>	<b>RJ-2055WB / RJ-3055WB:</b> Authentic method (encryption scheme) Infrastructure mode: <ul style="list-style-type: none"> <li>• Open system (None/WEP64/WEP128)</li> <li>• WPA/WPA2-PSK (TKIP+AES)</li> <li>• EAP-FAST (TKIP/AES)</li> <li>• PEAPv0 (TKIP/AES)</li> <li>• EAP-TLS (TKIP/AES)</li> <li>• EAP-TTLS (TKIP/AES)</li> </ul>

<b>Printer commands</b>	FBPL-EZC (EPL2/ZPL2/CPCL) FBPL-EZP (EPL2/ZPL2/ESC-POS) - download
<b>Printer driver</b>	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
<b>Windows SDK</b>	Microsoft® Windows® 7 / Windows® 8.1 / Windows® 10  Microsoft® Windows® Server 2012 / Server 2012R2 / Server 2016 / Server 2019
<b>Mobile SDK</b>	Android v5 – v10 iOS v9 – v13.2 Requires 3rd party app development using Brother SDK, further information available at <a href="http://www.brother.eu/developer">www.brother.eu/developer</a>
<b>Software</b>	<b>BarTender Ultra Lite Edition</b> – Barcode label design software  <b>Brother Printer Management Tool</b> – 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)
<b>Internal fonts &amp; sizes</b>	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

**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, 80 labels

**RJ-2035B / RJ-2055WB:**  
PA-CC-002 IP54 Protective case with  
Shoulder strap

**Cases** **RJ-3035B / RJ-3055WB:**  
PA-CC-003 IP54 Protective case with  
Shoulder strap

**All models:**  
PA-SS-001 Shoulder strap with adaptor

**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\*\*

**Power Options** **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\*\*

**RJ-2035B / RJ-2055WB:**  
PA-BT-008 Rechargeable Li-ion battery

**Battery** **RJ-3035B / RJ-3055WB:**  
PA-BT-009 Rechargeable Li-ion battery  
PA-BT-010 Rechargeable Li-ion Smart  
battery

**RJ-2035B / RJ-2055WB:**  
PA-LPR-002 Linerless Kit^^  
PA-RS-001 Roll Spacer

**Media Handling** **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

Specifications are subject to  
change without notice.

BIE Product Planning:  
Last updated 08/06/2020