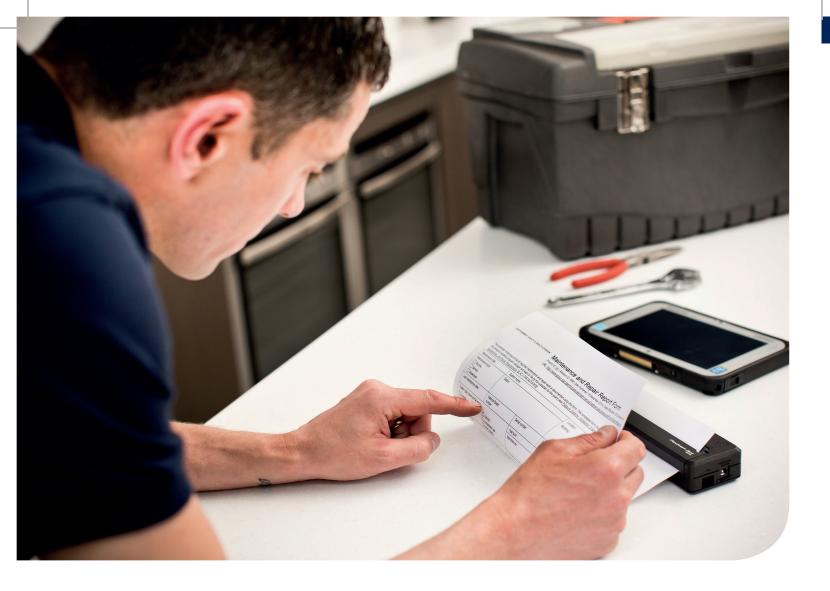# PJ-700 Series

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PJ-700 Series
A4 Mobile
Printer Range

These compact mobile printers offer a durable 'in the field' mobile printing solution for sales/service, logistics and public safety/emergency services officials. Bluetooth, Wi-Fi and USB connections conveniently link to smartphones, tablets, PDA's and laptops.

- A4 sized printing in a compact design
- Fast print speed - 8ppm
- High quality print resolution up to 300 dpi
- Direct thermal - no ink or toner needed
- Powered by rechargeable batteries or AC adapter/vehicle power adapters
- Multiple connection methods available including Bluetooth, Wireless Direct, Wi-Fi and USB

Why choose a mobile printer from Brother?

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 benefits of printing on the move...

- Increased efficiency, freedom and mobility
- Reduced office administration costs
- Increased customer confidence with on-site printouts
- Greater accuracy reducing human error
- Valuable business tool for closing deals instantly

Vertical markets & applications

Field Sales

Exceed customer expectations by using the PJ-700 series printer while on the move or on site. Busy field sales professionals are able to print whatever is required at the their customers' premises without having to communicate back to the office, giving them more time to visit other customers.

Applications:

- Invoices
- Reports
- Quotations
- Contracts
- Terms & conditions
- Financial planning

Field Service

Mobile engineers are able to increase efficiency and accuracy by leaving hard copies of documents while on the move, and reduce the risk of any future queries.

Applications:

- Invoices
- Service reports
- Quotations
- Parts & labour
- Diagnostics

Logistics & Deliveries

Print a wide range of documents while on the road, in the truck or at your customer's premises. The fast print speed is ideal for busy delivery drivers with hectic schedules.

Applications:

- Invoices
- Order forms
- Delivery notes
- Stock data
- Guarantees

Emergency Services

The PJ-700 series printers have become increasingly popular in the emergency services for a variety of applications. When used together with the vehicle mount & car charger, they have proved to be the perfect in-vehicle solution for the Police, Ambulance and Fire Services on a global scale. By printing medical documents and penalty fines on demand they can reduce the risk of clerical errors saving officers and medical staff valuable time.

Applications:

- Citations & fines
- Patient reports
- Incident reports
- Warning notices

PJ-700 series In detail

Thermal print technology

When investigating the options for mobile technology, key decision makers are increasingly considering thermal printers as the only true and reliable solution for field professionals. Printers using advanced direct thermal technology produce an image by heating specially coated thermal paper. When the paper passes over the thermal print head, the coating turns black in the areas where it is heated, producing an image. Thermal printing is increasingly considered by many as the only realistic solution for mobile applications for a number of reasons:

- Lets busy mobile workers to be able to focus on the job at hand without the inconvenience, or the added cost of purchasing ink, toner or ribbons.
- No downtime due to ink, toner or ribbons running out, and being unable to source replacements quickly.
- Enables the machine to be mounted however required, in any orientation, and can also be carried around without the risk of spillages, leaks and smudges.
- Less susceptibility to fluctuating seasonal temperatures and humidity extremes compared to other mobile technologies.

Software support and features

Brother can provide the necessary tools required for software developers to integrate the print function into their mobile app. Printer drivers are available for Windows® OS, and Software Development Kits can be provided to support Apple iOS, Android and Windows® Mobile applications. To see more information visit: **www.brother.eu/developers**

Direct thermal printing offers the most reliable technology for mobile printing solutions

Seamless connections with Bluetooth, Wi-Fi, USB and communications to other devices

At just 26 cm wide and weighing approximately 480g (excluding battery), the PJ-700 series offers a true A4 mobile solution that fits easily into a briefcase or computer bag, and can be mounted in vehicles or other work areas. A4 size is considered ideal for printing documents where more detailed information is required, such as invoices, service reports and delivery notes. There is also a full range of accessories available, allowing the PJ-700 series to be fully customised as needed.

Further features include...

- Basic Imaging Protocol (BIP) support for downloading and printing JPEG files
- The ability to store document overlays in the printer to minimise data transfers
- Fully featured design software for creating & downloading the document overlays
- PJ ESC/P printer language offers compatibility with a variety of embedded systems

Choice of power options including Li-ion rechargeable battery, AC adapters or vehicle power kits

Durable, and dependable. The PJ-700 series has been designed for reliable printing in many environments

Compact, lightweight design for ultimate portability

Use A4 cut sheet paper or continuous paper rolls. Simply tear the paper once printed

PJ-700 series. Build your own customised print solution

Step 1: Choose your printer

Model Comparison	PJ-722	PJ-723	PJ-762	PJ-763	PJ-763MFi	PJ-773
USB	✓	✓	✓	✓	✓	✓
Bluetooth interface			✓	✓	✓	
Wi-Fi (Adhoc/Infrastructure/Wireless Direct)						✓
203 x 200 dpi print resolution	✓		✓			
300 x 300 dpi print resolution		✓		✓	✓	✓
Template download/printing mode	✓	✓	✓	✓	✓	✓
ESC/P and Brother command modes	✓	✓	✓	✓	✓	✓
MFi					✓	

Step 2: Choose your power options

PA-BT-002	PA-AD-600EU	PA-AD-600UK	PA-CD-600CG	PA-CD-600WR
Li-ion rechargeable battery	AC adapter (EU)	AC adapter (UK)	12V car adapter (cigarette socket)	12V car adapter (permanently wired)

Step 3: Choose your case and mounting option

PA-RH-600	PA-RB-001	PA-RC-001	PA-CC-500	PA-CM-500
Paper roll holder	Protective cover	Roll printer case	Carry case	Car mounting kit

Step 4: Choose your paper

PA-R-410	PA-C-411
A4 paper roll	A4 cut sheet paper

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Specifications

PRINTING	PJ-722	PJ-723	PJ-762	PJ-763	PJ-763MFi	PJ-773
Print resolution	203 x 200dpi	300 x 300dpi	203 x 200dpi	300 x 300dpi	300 x 300dpi	300 x 300dpi
Print technology	Direct thermal					
Printing speed	Ave.: 8ppm (under Brother standard environment) [1]					
Paper feed method	Manual paper feed					
Print width	204.2mm	208.8mm	204.2mm	208.8mm	208.8mm	208.8mm
No. of pages per battery charge	Rechargeable Li-ion Battery: approximately 600 sheets (1.9% printing duty and using a fully charged new battery)					

INTERFACES						
USB	USB Ver.2.0 (full speed) type A to mini type B (printer)					
Bluetooth	N/A	N/A	Ver.2.1+EDR Class 2 SPP, BIP, OPP and HCRP supported		Ver.2.1+EDR Class 2 SPP, BIP, OPP, HCRP and iAP(MFi) supported	N/A
Wireless-LAN	N/A	N/A	N/A	N/A	N/A	IEEE802.11b/g/n (Infrastructure mode) IEEE802.11b/g/n (Adhoc mode) IEEE802.11g/n (Wireless direct)
Wireless-LAN Security	N/A	N/A	N/A	N/A	N/A	**INFRASTRUCTURE MODE** < Personal mode > Open System (None/WEP) Public Key Authentication (WEP) WPA-PSK/WPA2-PSK (TKIP/AES) < Enterprise mode > LEAP (CKIP) EAP-FAST (TKIP/AES) PEAP (TKIP/AES) EAP-TTLS (TKIP/AES) EAP-TLS (TKIP/AES) **ADHOC MODE** Open System (None/WEP) **WIRELESS DIRECT** WPA2-PSK (AES)

PJ ESC/P LANGUAGE	
Built-in fonts	Bitmap font: Helsinki, Brussel, Letter Gothic Bold Outline font: Helsinki, Brussel, Letter Gothic
Font sizes	10 cpi, 12 cpi, 15 cpi and proportional sizes
Barcode support	Yes

TEMPLATE/FORM STORAGE	
Memory size (RAM/Flash/User)	32MB / 32MB / 6MB

GENERAL	
Dimensions	255(W) x 55(D) x 30(H) mm
Weight excl battery & paper	480g (approx)
Battery	Rechargeable Li-ion Battery 10.8V (optional accessory)
AC adapter	AC adapter 15 V (optional accessory)
Car adapter	Cigarette lighter plug or permanently wired (optional accessories)
Operating system support	Windows® Vista/7/8/8.1/10 Windows® Server 2008/2008 R2; Windows® Server 2012/2012 R2 - Mac OS X v 10.8/10.9/10.10 - Linux
Mobile OS	Android - USB / Android / Android/iOS

ENVIRONMENTAL	
Temperature	-10°C to +50°C (during operation) / -20°C to +60°C (during storage)
Humidity	20% to 80% (no condensation - during operation and storage)
Auto power off	Yes: 15 settings

CONTENTS	
	(PJ-722 / PJ-723 / PJ-762 / PJ-763 / PJ-763MFi / PJ-773), Quick setup guide, CD-ROM (Printer driver and user guide), USB cable, Head cleaning sheet

[1] Brother standard environment is based on using A4 size with JAITA J1 pattern at 23 degrees C via USB using AC adaptor or Li-ion battery

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