Printer specifications

	MW-140BT	MW-260
	A7	A6
General		
Printing method	Direct thermal, line head	Direct thermal, line head
Printing speed	15 seconds/page*	20 seconds/page*
Printing resolution	300 x 300dpi	300 x 300dpi
Paper feed method	Brother paper cassette with automatic feed	Brother paper cassette with automatic feed
Paper size	74mm x 105mm	105mm x 148mm
Maximum printable area	69mm x 100mm	97.5mm x 140.6mm
Interfaces	Bluetooth 1.1 Class 2 (SPP)	Bluetooth 1.1 Class 2 (SPP)
	USB 2.0 Full Speed (for Windows)	USB 2.0 Full Speed (for Windows)
		IrDA Ver 1.3
External dimensions (WxDxH)	100mm x 163mm x 17.5mm (including 3mm antenna)	130mm x 210mm x 18.5mm
Weight	Maximum 300g (including paper cassette and battery)	Maximum 520g (including paper cassette and battery)
Battery technology	Lithium Ion rechargeable (non-user replaceable)	Lithium Ion rechargeable (user replaceable)
AC adapter	Auto switching (100-240V)	Auto switching (100-240V)
Number of printable pages	100 or more during continuous printing with a fully charged battery*	50 or more during continuous printing with a fully charged battery*
Energy-saving options	Power-off (5 minutes) Bluetooth sleep mode(3 minutes)	Power-off (5 minutes) Bluetooth sleep mode (3 minutes)
Firmware		
Printer Commands	Brother Original	Brother Original
	ESC/P (Enhanced MPrint Command Set)	ESC/P (Enhanced MPrint Command Set)
Upload to printer memory	Images	Images
		Templates (print layout)
Built-in Fonts	5 x Bitmap (24,32,48 dot size)	5 x Bitmap (24,32,48 dot size)
		3 x Outline
Built-in Barcodes	8 x 1D Barcodes & 2 x 2D Barcodes	8 x 1D Barcodes & 3 x 2D Barcodes
Software		
Windows 2000/XP/Vista printer driver	Yes	Yes
Software Development Kit **	Pocket PC2002/2003, Windows Mobile 5	Pocket PC2003, Windows Mobile 5
availability	Blackberry, Windows 2000/XP/Vista	Blackberry, Windows 2000/XP

* Based on 7% coverage area using C11/C211 paper at 25 degrees C
** Check latest software support with your local Brother sales office

Printed on
Recycled Paper

ZLFTMPRINTBOOKU1

MPRINT

brother At your side.

Mobile Printing Solutions in A6 & A7

brother At your side.

Efficiency through mobile printing

Mobile technology is one of the most significant developments of recent years, and many innovative organisations are harnessing the benefits of technology to optimise workflow, cut costs, and give their customers the service they expect. The Brother MPrint is an integral part of this process for many global companies.

With a compact Brother MPrint in the palm of your hand, the printing and sharing of information is quick, convenient and above all, instant. Starting at a thickness of just 17.5mm including the rechargeable lithium-ion battery and paper cassette, the Brother mobile printer range is ultra-compact and designed for true portability, whatever the application or wherever the situation.

Its ultra-compact profile has been realised by using a unique slim line, cut-sheet paper cassette system that takes just seconds to install. As no cutter or tear-bar is used, each sheet is guaranteed to be the same size, print-after-print. And because the paper is not bound tightly on a roll, there is no issue of paper curl.

Improve your productivity

Integrated wireless Bluetooth technology allows printing directly from a mobile device or PC without the need for cumbersome cables or the inconvenience of infra-red ports. This wireless freedom gives you many ways of using the printer, such as inside your jacket pocket or attached to your belt.

A7 & A6 Paper Sizes

The MW-140BT is the smaller of the two printers, producing A7 size prints, making it ideal for handheld use. Where more text needs to be printed, the MW-260 prints on A6 size paper.

A total mobile printing solution

A printer is not a solution on it's own, it requires the correct hardware and software, working seamlessly together to create a total solution. This is why the Brother MPrint has been chosen by many companies and organisations and incorporated into many different solutions across the globe.

Brother has various software development kits available for the different mobile hardware in the market (such as Blackberry, Windows Mobile and Windows 2000/XP/Vista). The hardware also boasts many advanced functions, including built-in fonts and barcode generation, and the ability to upload a bitmap image to the printer's memory to include on printed sheets (reducing the time needed for data transmission).

Proven technology

The MPrint mobile printers have been used by many large organisations and companies in different sectors throughout the world, as part of a total solution.

Some examples include:

Commercial Services – After surveying and measuring for window blinds, the surveyor leaves a print-out with the customer detailing the order.

Logistics - Once delivery of new vehicles is complete, a receipt is printed.

Maintenance – A service engineer leaves a record of maintenance performed on commercial air-conditioning systems.

Medical/Healthcare - Doctors who require patient details to be printed when making home visits.

Public Sector – Due to its compact size, police officers wear the MW-140BT on their jackets. If someone is stopped and questioned, their details are logged and a record of the incident is printed and handed to the individual.

Retail – After an "on the road" salesperson has completed an order, a receipt is left with the customer showing details and value of the order.

Transportation – If a passenger does not pay the correct fare for their journey, the details are logged and a print-out is made detailing the fine.

MPRINT

brother®

SNCF French Railways

As part of the Accelio project, the French railway company SNCF chose to equip its 10,000 ticket inspectors with the Brother MPrint MW-140BT.

Working in conjunction with the Workabout Pro* from Psion Teklogix, the MPrint mobile printer is able to communicate with the PDA using wireless Bluetooth.

Both the PDA and printer fit perfectly in a specially designed shoulder bag, allowing the ticket inspectors to print price adjustment receipts, offer useful route and pricing information to the passengers, and issue on the spot written fines for non-payment of fares.

Brother also offered the advantage of pre-printing terms and conditions onto the back of each sheet of paper.

Both the PDA and the MPrint batteries are charged at the same time by using a specially designed charger, equipped with two outputs.

Mobility innovation is very important, and the SNCF Accelio project meets many key strategic aims:

- Improve efficiency and offer greater flexibility to help reduce fraud.

- Thanks to a complete database of all SNCF timetables and routes contained in the PDA, questions raised by travellers can be answered and printed immediately.

- Information given to the public by the ticket inspectors is both faster and more reliable, ensuring the commercial relationship with travellers is much improved.

Laurence Lefrancq, who is in charge of the Accelio project and responsible for the train information systems, found the MPrint perfect for the needs of SNCF. "The Brother MPrint has been chosen for its reliability, remarkably small size, its highly autonomous operation and print quality. This combination of performance and functionality perfectly matched the schedule of conditions of SNCF".

* Workabout Pro is a trademark of Psion Teklogix

Customer

SNCF,
the French national
Railway company

Challenge

To make the printing
of tickets, information
and fines to non
fare-paying passengers
as efficient as possible

Solution

Each ticket inspector has
been issued with a
Windows Mobile PDA
and MW-140BT
mobile printer to offer
immediate printing of
fines and information.

Benefit

Having the capability to
print various pieces of
information on-demand
offers improved efficiency
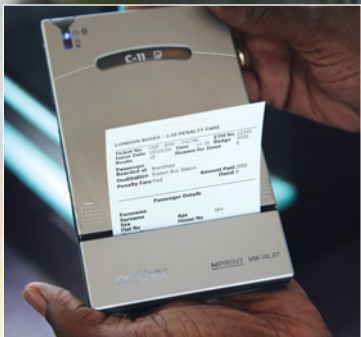and customer satisfaction.

Conclusion

The MW-140BT
offered SNCF the
perfect mobile printing
solution as part of a
larger project.

> " The Brother MPrint has been chosen for its reliability, remarkably small size, its highly autonomous operation and print quality. This combination of performance and functionality perfectly matched the schedule of conditions of SNCF."

Laurence Lefrancq
Accelio Project Manager
SNCF

MPRINT

Transport for London Buses

Transport for London (TFL) is the governing body for all bus companies running routes across the city. A team of 300 Revenue Protection Inspectors (RPI's) issue penalty fare notices for the non-payment of fares.

The inspectors issue around 60,000 penalty tickets a year, which had to be written out by hand straight onto a pad. This was a time-consuming task, with a team of people working behind the scenes to keep the information up-to-date.

A system was put together to create an electronic penalty fare form on the PDA's for issuing the standard £20 fine. Penalty fare notices could then be input directly and sent back to the office as an electronic file, using real time GPRS wireless communications.

By coupling a mobile printer with the PDAs, a copy of the notice could be printed on the spot and handed to the passenger. After field trials of various combinations of PDAs and mobile printing devices, the XDA* II PDA and Brother MPrint MW-140BT mobile printer were chosen.

Says Chris Nommik, Business Systems and Development Manager at TFL, "We chose the MW-140BT because it offers Bluetooth, so inspectors can wear the printer on a holster on their hip and print from there while holding the PDA in their hands. In addition, we use pre-printed A7 paper and have found that it is easy to load paper into the machine. The MW-140BT has a good battery life. Inspectors will tend to charge the battery overnight but if they forget, we've found that it lasts for at least 18 hours – and that's more than enough for two shifts."

Within the first two months of use, 10,000 notices were successfully processed and printed. Chris Nommik added: "Because we don't have to input penalty notices manually anymore, the time saving at the 'back end' has been phenomenal. Combining PDAs and Brother's MW-140BT has been an extremely worthwhile exercise."

* XDA is a registered trademark of O2

Customer	Transport For London Buses Revenue Protection
Challenge	To produce penalty fare notices electronically and issue a printed penalty notice
Solution	Brother's Mprint MW-140BT mobile printer coupled with an XDA II PDA
Benefit	Due to its compact size, the MW-140BT can easily be worn and used on the move, Bluetooth wireless communication gives total freedom
Conclusion	The MW-140BT is lightweight, easy-to-use and reliable

"Combining PDA's and Brother's mobile print solution has been an extremely worthwhile exercise."

Chris Nommik
Business Systems and Development Manager
Transport for London Buses

MPRINT

British Transport Police

> " Officers on the London Underground are successfully using Brother's handheld mobile printer, MW-140BT, in conjunction with the O2 XDA II PDA and Northgate software solution, in order to print receipts as part of the 'stop-and-search' process. Results from officers so far show reduction in time spent completing paperwork by up to an hour a day."

> " Brother worked closely with all partners and developed extra security measures, including a software upgrade, to offer an eight digit Alpha-Numeric password between the PDA and Brother MW-140BT ."

Andrew Watson
Chief Information Officer
British Transport Police

Walon UK Vehicle Logistics

Walon is the leading supplier of finished vehicle logistics services to the UK automotive industry, and in the last few years has been trying to move away from the traditional hand-written, paper-based system to record proof-of-delivery to customers. When cars are delivered to dealers, they now sign for them on an Xda* PDA screen, instead of on the traditional three-part proof of delivery paper document.

However, many customers still like to have a printed confirmation of their receipt, so a mobile printing solution was needed to allow this. Brother recommended the MPrint MW-140BT for use in conjunction with the Xda PDA's. Compact and lightweight, the Brother machines offer the perfect 'on-the-road' solution for Walon's fleet of drivers.

During the course of a two-year partnership with Brother, Walon has customized the MPrint solution to its own needs – devising a protective case and an in-vehicle carrying case for the product. In addition, an in-truck cradle has been developed to keep the device charged and connected to the O2 network.

Colin Williams, IT Manager at Walon, said:

" With the MPrint, drivers can now give customers the receipt they want with the minimum of hassle – while still retaining the convenience of the PDA solution."

He continued:

" We are now considering expanding use of the MPrint into our car inspections when collecting used cars. This is where we check the vehicles' condition before returning them to a technical centre for refurbishment. We think the MPrint would be ideal for recording what has been done in the inspection process – replacing the current paper-based system."

Colin Williams, IT Manager, Walon UK

*Xda is a registered trademark of O2

MPRINT

Maintenance Solution

Hitachi Consumer Marketing Inc, Japan

Hitachi Consumer Marketing sell electronic home appliances and also provide maintenance service for these. The Divisional Head of Consumer Marketing, Mr Toyota explained that the previous mobile terminal printer their engineers used, was both bulky and heavy, so a new solution was developed using the Brother MPrint.

"It has always been our goal to improve Customer Satisfaction. Therefore, upon restructuring our in-house infrastructure we focused on making the 'Maintenance/Repair Request' and 'Maintenance/Repair Report' real-time to bring our system up to par. We also reviewed our existing mobile system consisting of a PDA and A6 printer that tended to burden the servicing personnel, and often resulted in user dissatisfaction of being heavy, bulky and with a short battery-life".

"As a result, we discussed the choice between PDA or mobile phone for the mobile terminal, and several printer models, to pinpoint the ideal mobile printer for the system. After a thorough review we finally decided upon the MPrint, since it would allow printing directly from the mobile phone, featured good battery life and was extremely portable. Another good characteristic is the cut paper system it uses. This was an advantage since paper from paper rolls tended to curl and therefore, was inconvenient when the customer signed the printouts".

"By implementing this system, we not only alleviated the burden on the servicing personnel, but also improved our customer service quality, as well".

Mr Toyota, Divisional Head
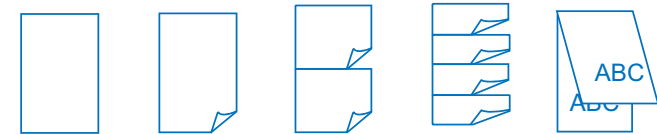Hitachi Consumer Marketing Inc
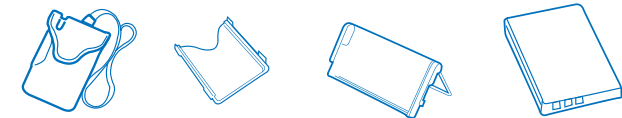
This system works only in Japan

MPRINT

Consumables & Accessories

All our MPrint range of mobile printers use a unique paper cassette system. This makes changing and loading the paper quick and easy. Various different types of paper cassettes are available in A7 or A6 sizes, such as standard and fade-resistant paper, self-adhesive labels and a unique 2-ply carbon copy paper – ideal for receipt printing, and keeping copies of signatures.

A7	Thermal Paper (50 Sheets)	Single (30 Sheets)	2 Labels (30 Sheets)	4 Labels (30 Sheets)	2-ply Paper (30 Sheets)
Standard	C11	-	-	-	-
Fade-resistant	C12	-	-	-	-
Self-adhesive	-	C21	C41	C42	-
Carbon Copy	-	-	-	-	C51
A6					
Standard	C211	-	-	-	-
Fade-resistant	C212	-	-	-	-
Carbon Copy	-	-	-	-	C251

Various Brother accessories are available to complement your mobile printer and enhance its usability. From printer cases and associated paper guide (to allow printing directly within the case) to rechargeable batteries, each one has been custom designed for each model of MPrint.

A7	Printer Case	Paper Guide	Printer Stand for Desktop & Laptop Screen	Rechargeable Battery
MW-140BT	PCS-100	PG-100	SD-100	-
MW-260	-	PG-200	-	BT-200