



# MB400i

## Portable printer

Small footprint

Light weight

Compatible with PDA

Antimicrobial casing

Suitable for Linerless Media

### Industrial Version Mobile Printer

MB400i is equipped with factory-installable sturdy rubber housing. The ruggedized design makes these printers ideal for high-usage, high-impact applications.



Carry belt supplied



Wireless connectivity



Impact resistant: extra protection against shock, drops and mishandling



Easy operation: printer control via only three buttons



Drop in media loading

# MB400i / MB410i

## General Specifications



PRINTING SPECIFICATION		MB400i	MB410i
Printing Method		Direct Thermal	
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)	12 dots/mm (305 dpi)
Max. Print Area	Width, mm (inch)	104 mm (4.09")	
	Pitch, mm (inch)	297 mm (11.69")	
Print Speed, mm/sec (ips)		Up to 103 mm/sec (75 mm/sec in dispenser mode)	
<b>CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)</b>			
Sensor Type		Reflective I-mark, Transmissive gap, Label-taken sensor	
Media Type		Roll (face-out wound), Coreless Linerless media Linerless Media supported as Standard	
Media Size (with backing paper size)	Width, mm	Label: 50 ~ 111 mm (with backing paper 53-114mm)	
	Length, mm	Label: 5 ~ 297 mm (with backing paper 28-300mm)	
	Thickness, mm	0.064 ~ 0.19 mm	
Media Roll Size	Max. External Diameter, mm*	Ø 67 mm	
	Inner Diameter, mm*	25 mm (1"); or coreless media	
<b>FONT / SYMBOLOGIES</b>			
Font	Internal	XU, XS, XM, XB, XL, POP, OCR-A/B, CG fonts, Kanji	
Barcode symbologies	1-Dimension	JAN 8/13, UPC-E/UPC-A, NW -7, Inter-leaved 2 of 5, CODE 39, CODE 93, CODE 128, POST-NET, RSS-14	
	2-Dimension	QR Ver. 8.1 (incl. Micro-QR), PDF417 Ver. 24, MAXI Code Ver. 3.0, Datamatrix code (ECC200) Ver. 2.0, Multi-row symbol (UPC-1/E, JAN/EAN, UCC/EAN-128, RSS-14 is compatible with CC-A/B/C)	
<b>INTERFACE CHARACTERISTICS</b>			
Processor		32-bit RISC CPU	
Interface choices		Standard: RS232C, USB, Infrared IrDA (Ver.1.2); Optional Interfaces: Bluetooth (Ver.1.1) or WLAN (IEEE802.11b/g)	
<b>OPERATING CHARACTERISTICS</b>			
Power Requirements		14.8 V (1700mAh) Lithium ion	
Environment	Operating	-15 ~ 50°C / 20 ~ 80% RH (w/out condensation) Only the Wireless LAN Model: 0 ~ 50°C	
	Storage	-25 ~ 60°C / 20 ~ 80% RH (w/out condensation)	
Dimension (W x D x H), weight		Standard version: 170 x 76 x 134mm / 750g with battery installed Industrial version: W202 x D99 x H165 mm / 910g with battery installed	
Printer Operation		2 operational buttons; LED and buzzer status indication; backlit LCD Display (WLAN version only)	
<b>ACCESSORIES</b>			
Battery Charger (single), AC Adapter, Quick guide, Shoulder strap, Shoulder bag with raintight cover, Belt bag			
<b>OTHERS</b>			
Function	Useful Features	Auto power saving, printer goes to sleep mode when idle for 5 seconds and automatic power off with operation interval longer than 5 minutes. Programmable automatic power off interval. Auto power-off is disabled by default for Wireless LAN, Bluetooth configuration.	
	Self Diagnosis Checking	Print head check, Battery check, Paper End detection, Cover Open detection, Test Print: status identified with different color signals	
Approvals		CE; Printer complies to European Directive 2002/95/EC (RoHS)	

## Recommended applications



### Price Marking & Markdown Labelling

Maximizing performance requires slow-moving stock to be sold quickly by offering sales promotions that meet sudden changes in shoppers' expectations.

- Adapt quickly to changing customer
- Benefit from the **Linerless Media**: there is no waste thanks to the larger size and capacity of media



### Picking Label for Shipping & Distribution Solutions

Your warehouse processes can now be a lot simpler. By printing picking labels at the time the product is picked, it ensures that the product to be shipped is the product on the label. Mobile printing also allows for real time, "on the spot", updating of inventory database records.

- Batch collection method to update items within a box/case of the same type at the time of addition or removal



### Ticketing Labelling

Illegible hand written tickets are a thing of the past. Issuance of manual tickets may also lead to congestion and precludes reservation system. In addition, there is also no security in place.

- Speed up issuing that contain passenger particulars and travel destination process
- Print baggage tag labels



### POS Labelling (Point of Sale and Point of Service)

Increase productivity by enabling staffs to input information from a PDA or handy terminal and then send data for "real time" printing. No need to shuttle to and from between the aisles and the back office to print labels and no need to pre-print labels either.