

The MCP1800 series thermal printers are from the latest range of Martel printers. They have a fixed head mechanism with "Easy open" paper loading and include a selection of standard options and customisable features.

Designed for maximum versatility, they are capable of many different modes of operation. Numerous international character sets and barcodes are selectable and the printers have RS232 and Bluetooth as standard, with USB, RS485, and TTL as factory fit options. With flash upgrade capability as standard, they provide a flexible method of remotely updating the printer firmware for new customer requirements or requests. They are powered from batteries or optionally from 5V dc, or 10-35Vdc.

In common with other devices from this manufacturer, these printers can be customised or branded to exactly match your requirements. Please contact us to discuss your specification.



Features & Benefits

- 58mm mobile thermal printer
- High Print Speed (10 lines/sec average text printing) - for receipting or ticketing applications
- Up to 48mm diameter paper - reduces down time for paper changes
- RS232 serial & *Bluetooth* with USB, RS485 & TTL options - compatible with most systems
- Data logging to optional storage card - keeps an electronic copy of what's printed
- Internal (removeable) AA NiMH rechargeable batteries - can be used with existing system power
- AA alkaline batteries - can be used as a backup power option
- Direct 5V DC or 10-35VDC non battery versions - for extra flexibility
- 'Easy Open' function - for fast, easy paper loading
- Compatible with linerless label roll - for rapid order picking, samples, or product labelling
- Full Windows driver support - compatible with most operating systems

Manufactured by...



Options

- Paper 57mm wide 46mm diameter - (available in boxes of 20 rolls)
- MaxStick linerless label roll
- Real Time Clock with battery backup
- Core product, base model for modification to suit bespoke design

Applications

Mobile printers offer the flexibility to provide portable receipting or ticketing. They can work with RS232 or USB based computers but Bluetooth adds wireless connectivity. The data card option (MCL1830 series) is ideal for industrial/scientific data logging or transaction audit copies at the point of sale.

- Mobile Point of Sale (POS) receipting
- Portable Test & Measurement Equipment
- Field sales and service
- Rent/subscription/entry fee collection/parking
- Field and track event timing
- Portable Health Care / Medical Test Equipment
- Mobile library, book reservation systems/overdue fines collection
- Utility billing
- Law enforcement

MCP1880/MCL1830 Printer Specifications

SPECIFICATION	MCP1880	MCP1880X	MCP1880V	MCL1830	MCL1830X	MCL1830V
Printing System	Direct Thermal, Clamshell Easy load					
Case Colour(s)	Charcoal Grey (custom colours available)					
Cutting System	Tear bar					
Media	Thermal paper roll, Thermal label roll					
Paper width	57/58mm					
Roll Diameter	48mm					
Roll Length	22m (Note *1)					
Characters per line	12, 16, 24(default), 32 & 48					
Resolution	203 dpi, 8 dots/mm					
Print width	2 inch (48mm), 384 dots					
Printing speed	10 lines/second (max)					
Dimensions (WxDxH)	86 x 149.8 x 56.5mm					
Weight (incl. paper)	.					
Interfaces	RS-232C & Bluetooth (std) USB, RS485, TTL (options)			RS-232C, USB & IrDA (std) RS485, TTL, WiFi, Bluetooth (options)		
Flow Control	Hardware or Software (XON/XOFF)					
Sensors	Head open, Paper out					
Data Logging	N/A			Internal MicroSD card (2GB)		
Power	NiMH battery supplied with AC charger	5 to 8.5V DC, 4A max	10 to 35V DC, 1A max(at 35V)	NiMH battery supplied with AC charger	5 to 8.5V DC, 4A max	10 to 35V DC, 1A max(at 35V)
MCBF: head	.					
Operating temp.	.°C					
Humidity	.%					

Notes...

- Paper roll length is approximate, based upon readily available UK sourced paper with 12.7mm core.

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