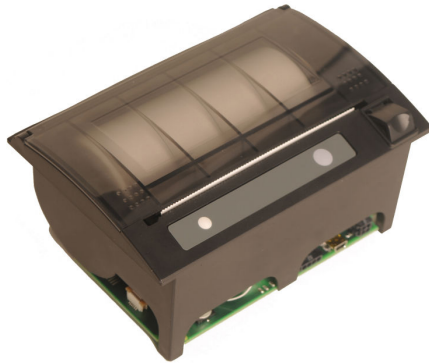


The MPP4000 Series is the 4 inch print width model from the latest range of Martel printers, comprising 58, 80 & 112mm thermal panel mount printers with a fixed head "Easy open" paper feature.

Designed for maximum versatility, the MPP4000 Series are capable of many different modes of operation. Numerous international character sets and barcodes are selectable and the printers have RS232 serial as standard, with USB, RS485, TTL interfaces as factory options. They have flash upgrade capability as standard, providing a flexible method of remotely updating the printer firmware for new customer requirements. The unique, integrated MARTEL-Drive technology firmware can also be updated without the need of any PC or controller by simply transferring the required update file to the memory card, inserting into the printer, and rebooting to update. Power supply options include 5-8Vdc as standard or an optional 10-35Vdc supply giving fast, high resolution printing whilst a low current options also available for both.

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

- 112mm thermal panel printer
- High Print Speed (13 lines/sec average text printing) - for receipting or ticketing applications
- Up to 60mm diameter paper - reduces maintenance 'downtime' for paper changing
- RS232, RS485, TTL or USB serial interface options - compatible with most systems
- Data logging to optional storage card - keeps an electronic copy of what's printed
- Direct 5-8V DC or optional 10-35VDC and low current versions - for extra flexibility
- 'Easy Open' function - for fast, easy paper loading
- Customisable control membrane / keys / LED's - allows bespoke features to be incorporated
- Full Windows driver support - compatible with most operating systems

## Manufactured by...



## Options

- Paper 112mm wide 48mm diameter - (available in boxes of 20 rolls)
- Real Time Clock with battery backup
- Core product, base model for modification to suit bespoke design

## Applications

These 4 inch panel mounted printers are ideal for portable graphics printing. The data card option (MPL4000 series) is ideal for industrial/scientific data logging or security applications.

- Industrial Instrumentation / Process Control
- Portable Test & Measurement Equipment
- Transportation ticketing
- Health Care / Medical Test Equipment
- Data Recording or Data Logging Systems
- Scientific Analyzers
- Fire & Security Panels

# MPP4000 Printer Specifications

SPECIFICATION	MPP4000	MPP4010	MPP4050	MPL4000	MPL4010	MPL4050
Printing System	Direct Thermal, Clamshell Easy load					
Bezel Colour(s)	Black or Off-White (plus custom colours available)					
Cutting System	Tear bar					
Media	Thermal paper roll					
Paper width	112mm					
Roll Diameter	60mm					
Roll Length	43m (Note *1)					
Characters per line	26, 34, 52(default), 69 & 104					
Resolution	203 dpi, 8 dots/mm					
Print width	4 inch (104mm), 832 dots					
Printing speed lines/second	.	.	.	.	.	.
Dimensions (WxDxH)	158 x 75 x 110mm					
Panel Cutout (WxH)	140 x 103mm					
Depth behind panel	59.7mm (Note *2)					
Weight (incl. paper)	.					
Interfaces	RS-232C (std), USB, RS485, TTL (options)					
Flow Control	Hardware or Software (XON/XOFF)					
Sensors	Head/door open					
Data Logging	N/A			Internal MicroSD card (2GB)		
Power	5 to 8.5V DC, 4A max	5 to 8.5V DC, 2A max	10 to 35V DC, 1A max(at 35V)	5 to 8.5V DC, 4A max	5 to 8.5V DC, 2A max	10 to 35V DC, 1A max(at 35V)
MCBF: head	.					
Operating temp.	.°C					
Humidity	.%					

## Notes...

1. Paper roll length is approximate, based upon readily available UK sourced paper with 12.7mm core.
2. Depth behind panel does not account for electrical connectors. Please order a printer for physical evaluation before committing to your final panel design.

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