MPP2000 Panel Printer

M-Tech Printers

The MPP2000 Series is from the latest range of Martel printers having the smallest form factor size, comprising compact thermal panel mount printers with fixed head mechanism and "Easy Open" paper feature.

Designed for maximum versatility, the MPP2000 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 interface as a factory option. They have a flash upgrade capability as standard providing a flexible method of remotely updating the printer firmware for new customer requirements or requests. Power supply options include a single 5-8Vdc (standard) or 10-35Vdc supply giving fast, high resolution printing whilst a low current version is also available. Paper changing is simplified by the use of a hinged front to the robust moulded enclosure incorporating a detachable roller facilitating the "Easy Open" functionality.

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.

Manufactured by...

MARTEL INSTRUMENTS

Options

- Paper 57mm wide 30mm diameter (coreless) - (available in boxes of 20 rolls)
- Real Time Clock with battery backup
- Core product, base model for modification to suit bespoke design

Applications

These ultra compact panel mounted printers are ideal for portable applications requiring immediate printing of data onto paper. The data card option (MPL2000 series) is ideal for idustrial/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

Features & Benefits

- 58mm thermal panel printer
- High Print Speed (13 lines/sec average text printing) - for receipting or ticketing applications
- Up to 32mm diameter paper - allows highly compact design
- 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
- Compatible with linerless label roll - for rapid order picking, samples, or product labelling
- Full Windows driver support - compatible with most operating systems

MPP2000 Printer Specifications

SPECIFICATION	MPP2000	MPP2010	MPP2020	MPL2000	MPL2010	MPL2020
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, Thermal label roll					
Paper width	57/58mm					
Roll Diameter	32mm					
Roll Length	11m (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 lines/second	13	2	13		2	13
Dimensions (WxDxH)	83 x 49.9 x 66.6mm					
Panel Cutout (WxH)	78.8 x 59mm					
Depth behind panel	33.6mm (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 coreless rolls.
2. Depth behind panel does not account for electrical connectors. Please order a printer for physical evaluation before committing to your final panel design.