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of your device

MARTEL
INSTRUMENTS

MPP4000

PANEL MOUNT PRINTER

The MPP40xx series is the latest range of Martel printers. Comprising of compact thermal panel mount printers, incorporating a fixed head mechanism and "fast-load" paper feature. These Martel printers are setting new performance standards for panel-mount units, and include a selection of standard options, and customisable features.



MPP4000 Series

MPP4000 5-8Vdc, 4A peak
 MPP4050 10-35Vdc



Features

- Fast-load paper loading feature
- High resolution thermal printing
- 5-8Vdc standard, 10-35Vdc / low power options
- Interfaces – RS232 & USB
- Panel screw mounting
- Panel screw mount or panel clamping bezel
- Quiet, non-impact system
- Maintenance-free
- Compact and light weight
- High reliability
- Versatile, for use with text or graphics
- 26, 34, 52(default), 69, 104 characters per line
- Suitable for paper and label printing
- Windows driver for Win 7 / Vista / XP and 2000
- Flash upgradeable firmware

Options

- Interface options - RS485, TTL
- Bezel—Black(default), Off White, Custom
- Real Time clock with backup battery
- Customised control membrane / keys / LED's

Specification

General

Printing system	Direct thermal line head
Max Characters per line	26, 34, 52 (default), 69, 104 characters per line
Character matrix	8x24, 12x24 or 16x24
Character size	3mm x 2mm, 3mm x 1.5mm or 3mm x 1mm (Approx. 13, 17 or 25cpi)
Horizontal dot pitch	0.125mm (Approx. 200dpi)
Vertical dot pitch	0.125mm
Text line composition	832x24 dots
Printing width	104mm
Power supply	
MPP4000	5-8 Vdc
MPP4050	10-35Vdc
Current consumption	
MPP4000	4A peak
MPP4050	2.7A @ 10V, 1.75A @ 15V, 1.5A @ 20V, 1.2A @ 25V, 1.1A @ 30V, 1A @ 35V peak

Paper and language support

Paper width	112mm Max, 104mm print width
Paper capacity	60mm diameter
Character set	UK/United States (437)
Country codes	USA, France, Germany, UK, Denmark I/II, Sweden, Italy, Japan, Norway, Spain I.

Data and interface

USB	USB v2.0
Serial	
Data format	RS232 (Default, 1 Start, 8 Data, 1 Stop, No Parity)
Baud rates	300, 600, 1200, 2400, 4800, 9600 & 19200, 38400, 57600 & 115200
Handshaking	Hardware (CTS line) or Software (XON/XOFF)

Buffer size 5 Kbytes

Panel cut out size 140 x 103mm

Operating temperature range 0°C to +50°

Storage temperature range -20°C to +60°C