

The mPLUS2 is Custom's smallest panel printer. Its compact dimensions make it ideal for fully mobile printing or for fixed installation where panel space is at a premium. It is powered from 5VDC making it suitable for battery power and the built in triple interface can communicate via USB, RS232C or serial TTL protocols.

The Custom range of panel printers can be operated at an industry leading temperature range of -20 to +70°C. This makes them ideal for demanding industrial and field use in extreme environments.

The mPLUS2 panel mount printer is fully compatible with MaxStick, a new repositionable, liner-free, thermal label by Max International.



Features & Benefits

- Panel Mounted Thermal Printer
- Compact dimensions - ideal for mobile & handheld test equipment
- Clamshell paper loading - for easy front paper loading
- 57mm paper width, 30mm diameter - popular, readily obtainable consumables
- EASYLOCK fixing system - simply clicks into panels (no tools required)
- 4MB internal FLASH memory - to store logos and fonts
- Any language font available - for global markets
- RS232 & TTL or USB triple interface - compatible with modern systems & legacy equipment
- Nominal 5V DC powered (4 to 7.5V) - ideal for battery powered portable equipment
- -20 to +70°C operating range - for use in demanding environments

Manufactured by...

CUSTOM

Options

- Cables starter kit (power & data cables)
- Universal AC power supply
- Paper 57mm wide by 30mm diameter (MTP057030TP12 - available in boxes of 20 rolls)
- MaxStick linerless adhesive paper rolls (MTP058030TLR12 - available in boxes of 10 rolls)

Applications

Industrial automation and instrumentation, control process, automotive diagnostics, sterilization equipment, autoclaves, incubators, medical measurement and analysis, etc..

- Portable Test & Measurement Equipment
- Mobile Health Care / Medical Test Equipment
- Data Recording or Data Logging Systems
- Mobile Scientific Analyzers

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 for which allowance must be given. Please order a printer for physical evaluation before committing to your final panel design.

mPLUS2 Specifications

SPECIFICATION	mPLUS2
Printing System	Direct Thermal Clamshell load
Case Colour(s)	Black or White
Cutting System	Integral Tear bar
Media	Thermal Rolls: Paper, Die cut/continuous Label, Linerless label
Paper width	57mm
Roll Diameter	30mm
Roll Length	9m (Note *1)
Paper weight	55 to 70gsm
Characters per line	24,32 & 40/42
Resolution	203 dpi, 8 dots/mm
Print width	48mm, 384 dots
Printing speed	40mm/sec
Dimensions (WxHxD)	87.2 x 61.2 x 63.9mm
Panel Cutout (WxH)	78.7 x 59mm
Depth behind 4mm panel (Note *2)	49mm
Weight	98g (without paper)
Interfaces	Serial: USB, RS-232C & TTL
Sensors	head temperature, paper end, cover open
Power Requirement	Printer: 4 to 7.5VDC
Print head life	50km
Operating temperature	-20~+70°C

Utilities

- CuPowerTool - Windows software to enable layout creation (Windows 7 & above). Also managing/printing API for created layouts (Windows, Android, iOS & Linux).
- CePrnStatusMonitor - Remote Status Monitor
- PrinterSet - Windows utility to update logos, edit characters, set operating parameters and update the printer firmware. It allows you to create a file including the different SW customizations and send them to the printer via the interface provided, for easy and fast setting.
- UpgCePrn - Windows Utility to update printer firmware
- CeLinuxUpg - Linux package to update printer firmware
- DriverManager - Windows utility to manage/remove Custom printer drivers

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