

The PLUS2 is Custom's standard 2 inch thermal panel printer. It's small enough for most mobile printing applications but large enough to take a 50mm diameter (almost 30m) paper roll. It is powered from 5VDC making it suitable for battery power. A plugin module is available to power the printer from 9 to 48VDC to aid integration into a wide range of panels. The built in triple interface communicates 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 PLUS2 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, 50mm diameter - popular, readily obtainable consumables
- EASYLOCK fixing system - simply clicks into panels (no tools required)
- or Screw fixing - screws onto a back plate or bracket if preferred
- 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
- Extended range power module (9 to 48VDC)
- Real Time Clock
- Paper 57mm wide by 46mm diameter - MTP057046TP12 (available in boxes of 20 rolls)
- MaxStick linerless adhesive paper rolls - MTP058046TLR12 (available in boxes of 6 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.

PLUS2 Specifications

SPECIFICATION	PLUS2
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	50mm
Roll Length	30m (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	50mm/sec
Dimensions (WxHxD)	85 x 85 x 56.9mm 85 x 85 x 69.5 (with 9/48V module)
Panel Cutout (WxH)	82 x 82mm
Depth behind 8mm panel (Note *2)	35.2mm
Weight (without paper)	141g 146g (with 9/48V module)
Interfaces	Serial: USB, RS-232C & TTL
Sensors	head temperature, paper presence, cover open (optional)
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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