

## Thermal Panel Printer

# PNP-64SMB

2" Thermal Panel Mount Printing Unit



Industrial  
Instruments



Analytical  
Instruments



Weighing  
Scales



Petrol  
Dispensers



Maxim PNP-64SMB, upgraded version of PNP-64 model, is loaded from the front and is well suited for manned applications where trained staff use a device or instrument. It is regularly used in building control panels, diagnostic equipment, medical devices, measuring instruments and much more. PNP-64SMB features a robust Renesas IC powering multiple baud rate and high input buffer. It also features an extremely rugged and high speed printer mechanism with a tough body.

Simply cut the instructed fascia of your product and slide the printer from the front. Secure it on the product panel with twin pinch lock system, then plug in 5V power and data from serial port on your product. Using Maxim's easy paper loading functionality just drop the paper roll, close the cover, and tear off the loose end against the serrated edge to be ready to print.

# Thermal Panel Printer PNP-64SMB



**Easily programmable control board quickly integrates with your device firmware.**



**Global temperature and character support helps you sell your equipment internationally.**



**Best in class precision printing technology ensures clarity of even the tiniest characters.**



**Twin Pinch Locks help you remove and refit the printer easily during device servicing.**



**Body colour designed to match perfectly with most healthcare equipment.**



Print Characteristics	Print Method	Direct thermal printing
	Print Width	48 mm (2 inch)
	Print Speed	70 mm/s
	Print Resolution	203 dpi (8dot/mm)
	Paper Supply Method	Easy Paper Loading
	Characters Per Line	42
	Character Structure	Font A (12x24), Font B (9x17), Font C (9x24)
	Character Support	English, Canadian, French, Portuguese, Korean, Chinese, Japanese, Nordic, Cyrillic, Latin, Euro, Hebrew, Arabic, Thai, Greek, Turkish, Baltic, Farsi, Vietnam, Cambodia, Czech.
	Emulation	ESC / POS
	Paper Type	Thermal Paper
Sensors	Paper End Sensor	
Paper Roll	Paper Width	58 mm
	Diameter	Max. 40 mm
Barcodes	Barcode Symbologies	EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A
Reliability	Thermal Print Head	50 km
	Unit MCBF	30 Million Lines
Connectivity	Interface	Serial (RS232)
Electrical	Input Power	Max 5V DC
	Current Consumption	2.4A (Peak), 1.5A (Mean)
Environmental Conditions	Temperature	0°C - 45°C
	Humidity	30% - 85% RH
Physical	Printer Dimensions	80 mm x 76 mm x 43 mm
	Panel Cutout Dimensions	76.1 mm x 71.7 mm
	Weight	104 gm (0.22 lbs)
Other	Cutter Type	Manual Cutter
	Custom Baud Rate	4800 / 9600 / 19200 / 38400 / 57600 / 115200