

This range includes the 3 and 4 inch versions of the low profile panel printer series. The Porti P340 prints on 80mm wide rolls whilst the P440 prints on 112mm paper.

The advantage of the wider format printers is to enable a larger number of dots to be printed on each line. This means you can print much larger characters, more standard characters, or improved graphics.

Despite the wide format capability, these devices still have an impressively shallow depth behind the panel making them ideal for slimline panels or very small enclosures.



## Features & Benefits

- Ultra slimline - fits easily into compact equipment
- 3 or 4 inch print width - 80 or 112mm wide paper
- Wider format - allows more data per line, ideal for printing charts
- 50mm/second print speed - ideal for reporting
- High resolution (203 dpi: 8 dots/mm) - up to 92 characters per line
- Supports text and graphic printing - for charts or logos
- CLAMSHELL design - for easy, front access paper loading
- RS232C interface - compatible with most equipment
- 9V DC powered - suits most data recording/test equipment systems

## Manufactured by...



## Options

- Various firmware configurations (to order)
- Paper 80mm wide 40mm diameter for P340 - MTP080040TP12 (available in boxes of 20 rolls)
- Paper 112mm wide 40mm diameter for P440 - MTP112040TP12 (available in boxes of 20 rolls)
- Combined (unterminated) power/data cable included - custom connector fitted to special order

## Applications

These compact, wide format panel mounted printers are ideal for applications requiring immediate printing of large amounts of data onto paper.

- 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

## Porti P340/P440 Specifications

SPECIFICATION	P340	P440
Printing System	Direct Thermal, Clamshell Easy load	
Case Colour(s)	Black	
Cutting System	Tear bar	
Media	Thermal paper roll, Thermal label roll	
Paper width	80mm	112mm
Roll Diameter	40mm	
Roll Length	17m (Note *1)	
Characters per line	64 (max)	92 (max)
Character size	9x24, 12x24 dots	
Resolution	203 dpi, 8 dots/mm	
Print width	3 inch (72mm), 576 dots	4 inch (104mm), 832 dots
Printing speed	50mm/second	
Dimensions (WxHxD)	110 x 77.7 x 48mm	143 x 77.7 x 46.7mm
Panel Cutout (WxH)	106.6 x 74.3mm	139.6 x 74.3mm
Depth behind 2mm panel (Note *2)	38.7mm	
Weight (with paper)	300g	340g
Interfaces	RS-232C or TTL	
Data Buffer	1M bytes	
Flow Control	Software - XON/XOFF (Hardware flow control not supported)	
Barcodes supported	Code39, Code93, Code128, I2/5, UPC, EAN, KAN, JAN, CODABAR	
	2D: PDF417, QR Code, DATA Matrix	
Power	9VDC, 3.0A	
Standby Current	60 mA	
MCBF: head	50 km	
MCBF: mechanism	37,000,000 lines	
Operating temp.	0 to 45°C	

### Notes...

- Paper roll length is approximate, based upon readily available UK sourced paper with 12.7mm core.
- 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.

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