Mylox MLX-2280 Thermal Panel Printer

80mm (3 inch) wide paper version of panel mounted printer using the same, industry standard cutout dimensions as the 60mm (2 inch) model. This means easy upgrade from MLX-2260 or many other popular 57mm panel printers from other manufacturers.

The extra paper width and higher number of dots per line lends itself to graphical applications, especially; medical equipment, data logging and fault recording.

Features & Benefits

- 3 inch Thermal Panel Mounted Printer
- Industry standard panel mount configuration - for ease of installation/upgrade from existing printer
- High Speed Thermal (50mm/sec @ 5V) - perfect for most logging applications
- RS-232C interface, optional USB or Parallel - compatible with modern systems as well as legacy equipment
- 5 to 8.5V DC power or variable direct 9V to 35V DC - suits a wide range of portable or fully mobile systems
- CLAMSHELL door design - for easy front paper loading
- Optional alternative emulation modes - directly replaces many other models
- Full size diameter roll (up to 50mm) - longer roll minimises maintenance requirements
- Customisable startup functions - simplifies programming

Manufactured by...

MYLOX TECHNOLOGIES

Options

- 9 to 35V DC powered version (add -V to part number)
- USB interface available (ASCII or Windows versions)
- Parallel (Centronics) interface available
- Supplied with power and data cable set - custom cable length and connectors available
- Paper 80mm wide by 46mm diameter - MTP080046TP12 (available in boxes of 20 rolls)
- MaxStick linerless adhesive paper rolls - MTP080046TLR12 (available in boxes of 6 rolls)

Applications

Industrial Data Logging, Remote Fault Recording, Temperature monitoring, Weighing, Fire & Security Systems. Also used in vehicles for monitoring; load weights, temperatures, position tracking and radio messaging etc..

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

MLX-2280 Specifications

SPECIFICATION	MLX-2280	MLX-2280-U	MLX-2280-AEV	MLX-2280-P
Printing System	Direct Thermal Easy Load Panel Mounted			
Case Colour(s)	Black			
Cutting System	Tear bar			
Media	Thermal paper roll, Thermal label roll			
Paper width	80mm			
Roll Diameter	50mm			
Roll Length	24m (Note *1)			
Characters per line	64 (max)		24, 32 or 40	20 or 40
Character size	9x24 dots		9x24, 12x24 dots	12x24 dots
Resolution	203 dpi, 8 dots/mm			
Print width	3 inch (72mm, 576 dots)			
Printing speed	Up to 60mm/sec			35mm/sec Low current
Dimensions (WxHxD)	117 x 98 x 66mm (Note *3)			
Panel Cutout (WxH)	107 x 61mm			
Depth behind 2mm panel	91mm (Note *2) & (Note *3)			
Weight	295g (inc. full paper roll) (Note *3)			
Interfaces	RS-232C	USB (ASCII or Windows version)	RS-232C	Parallel - Centronics
Data Buffer	2K bytes (4K available to order)			
Power	5V DC	4.5V to 8.5V DC		5V DC
	Optional 9V - 35V DC variable voltage input			
Print head life	50km			
Operating temperature	0~45ºC			
Relative humidity	10 to 80% (non condensing)			

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.
3. This value does not include the 9-35V DC optional power board which can (but doesn't need to) mount on the back of the panel clamp adding approx. 29mm to the overall depth.