

# Mylox MLX-2220 / MLX-2240 Impact Panel Printers

The MLX-2220 and MLX-2240 from Mylox Technologies incorporate the popular Epson M190 and M192 impact dot matrix printer mechanisms and a highly customisable interface board.

Paper loading and ribbon changing is from the panel front for easy maintenance. The panel also incorporates a status LED and paper feed/self test button (customisable function).

Industry standard panel cutout dimensions and multiple software emulation modes make it an ideal choice as a second source device or as an upgrade to your existing panel printer.



## Features & Benefits

- 57mm paper width panel mounted printer
- Impact dot matrix mechanism - less prone to fading for archive print copy
- Multi-ply paper capability - for audit copy printing
- High Speed Impact (60chr/sec) - the fastest available impact miniprinter
- Industry standard panel mount configuration - for ease of installation/upgrade from existing printer
- RS-232C interface (USB option) - compatible with most legacy equipment
- 5V DC power or variable direct 9V - 35V DC - suits a wide range of portable or fully mobile systems
- Simple paper loading, ink ribbon replacement - for easy maintenance through front opening doors
- Alternative emulation modes - like for like replacement for existing printer installations
- Full size diameter roll (up to 50mm) - reduces maintenance
- 24 or 40 column versions - offers larger vs additional characters per line

## Manufactured by...



## Options

- 9 to 35V DC powered version (add -V to part number)
- USB interface available (ASCII version)
- Supplied with power and data cable set - custom cable length and connectors available
- Paper 57mm wide by 50mm diameter - MTP057050PR12 (available in boxes of 20 rolls)
- Genuine Epson ink ribbon cartridges available - ERC-09

## Applications

The printout from impact dot matrix printers is less prone to fading over prolonged periods. This means they are preferred by many for applications requiring long term data archiving.

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
- Data Recording or Data Logging Systems
- Mobile Scientific Analyzers

## MLX-2220 / MLX-2240 Specifications

SPECIFICATION	MLX-2220	MLX-2240
Printing System	Shuttle Head Impact Dot Matrix Panel Mounting	
Case Colour(s)	Black	
Cutting System	Tear bar	
Media	Ordinary paper roll, single or multi-ply	
Paper width	57mm	
Roll Diameter	50mm	
Roll Length	19m (Note *1)	
Characters per line	12 or 24	20 or 40
Character size	5 x 7 dot matrix	
Resolution	144 dots/line	240 dots/line
Print width	2 inch (48mm)	
Printing speed	2.6 lines/sec	1.6 lines/sec
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	300g (inc. full paper roll) (Note *3)	
Interfaces	Serial RS-232C, USB (option)	
Power	Direct 5V DC	
	Optional 9V - 35V DC variable voltage input	
Print head life	1.5 x 10 <sup>6</sup> lines	0.9 x10 <sup>6</sup> lines
Operating temperature	0~50°C	
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.

© M-Tech Printers 2013

This data sheet is for information purposes only. M-Tech Printers make no warranties, expressed or implied in this summary. Specifications are subject to change without notice. All trademarks are the property of their respective owners. For more information contact: M-Tech Printers, Telephone: +44(0)330 330 3164, email: sales@mttechprinters.co.uk, web: www.mtechprinters.co.uk