

## MLX8220 / MLX8240 Impact Dot Matrix Printers

The MLX-8220 and MLX-8240 from Mylox Technologies incorporate the popular Epson M190 and M192 impact dot matrix printer mechanisms and a highly customisable interface board.

Internal, high capacity, Li-ion rechargeable batteries are accessible for user maintenance via a hatch on the underside. The printer can be operated direct from a 12V DC source such as a vehicle or from the universal AC adapter (included) with or without the batteries fitted. Paper and ink ribbon are easily changed by opening the hinged top cover. The simple and effective LED illuminated push button functions as a status indicator, paper advance and self test feature (customisable).

The standard interface is RS-232C serial but USB and Bluetooth versions are also available. This printer is highly adaptable and customised firmware, fontsets and functionality can be supplied. Please contact us to discuss your unique requirements.



### Features & Benefits

- 57mm paper width, portable impact printer
- Impact dot matrix mechanism - less prone to fading for archive print copy
- Multi-ply paper capability - for audit copy printing
- 24 or 40 column versions - offers larger vs additional characters per line
- High Speed Impact (60chr/sec) - the fastest available impact miniprinter
- RS232 serial, USB, & *Bluetooth* options - compatible with most systems
- Internal (removeable) 2000mA Li-ion rechargeable battery - can be used with existing system power
- Direct 12V DC charger for uninterrupted operation - can be used with or without battery pack
- Up to 50mm diameter paper - reduces down time for paper changes
- Alternative emulation modes - like for like replacement for existing printer installations

### Manufactured by...



### Options

- Paper 57mm wide 50mm diameter - (available in boxes of 20 rolls)
- Multi-ply paper rolls - 1 original plus 1 or 2 copies
- Genuine Epsin ERC-09 ink ribbon cartridges)
- Optional data and power cable configurations available
- Legacy firmware emulation versions

### Applications

Mobile printers offer the flexibility to provide portable receipting or ticketing. They can work with RS232 or USB based computers but Bluetooth adds wireless connectivity. The range is compatible with many PDA's, Smartphones and Laptop PC's.

- Mobile Point of Sale (POS) receipting
- Portable Test & Measurement Equipment
- Field sales and service
- Rent/subscription/entry fee collection/parking
- Field and track event timing
- Utility billing
- Law enforcement

# MLX8200 Series Impact Printer Specifications

SPECIFICATION	MLX82x0	MLX82x0-USB	MLX82x0-BT	MLX82x0-12V	MLX82x0-DC
(where x=2 for 24 columns or x=4 for 40 columns)					
Printing System	Impact dot matrix				
Ink System	Ink cartridge (genuine Epson ERC-09)				
Case Colour(s)	Charcoal Grey				
Cutting System	Tear bar				
Media	Ordinary paper roll, Multi-ply paper roll (up to 1 original + 2 copies)				
Paper width	57mm				
Roll Diameter	50mm				
Roll Length	19m (Note *1)				
Characters per line	24 (MLX8220), 40 (MLX8240)				
Resolution	240 dots/line (MLX8220), 144 dots/line (MLX8240)				
Print width	2 inch (48mm)				
Printing speed	60 characters/second 2.6 lines/sec (MLX8220), 1.6 lines/sec (MLX8240)				
Dimensions (WxDxH)	104 x 149 x 69mm				
Weight (incl. paper)	385g			290g	
Interfaces	RS-232C	USB	Bluetooth	RS-232C	
Flow Control	Hardware or Software (XON/XOFF)				
Sensors	n/a				
Power	2000mAh Li-ion battery supplied with AC charger			12V DC, 3.3A	5 to 8.5V DC
Print head life	1.5 x 10 <sup>6</sup> lines (MLX8220) 0.9 x 10 <sup>6</sup> lines (MLX8240)				
Operating temp.	0 to 50°C				
Humidity	10 to 80%				

## Notes...

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

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