MP Series
Desktop Industrial
Label Printers

The MP Series printers are a unique series of small-size industrial printers. The MP Compact 4 Mark III and MP Nova Mark II printers provide label-printing solutions that offer great customer benefits despite their small size. The MP Series printers are manufactured to the highest standards and feature a die-cast frame and metal cover for protection, making them durable and reliable in demanding industrial environments.

For tight spaces and limited workspaces, the small footprint of the MP Series printers takes up little room in smaller, crowded areas and can be conveniently mounted on walls, manufacturing lines and mobile trolleys. A special "Mobile" version of the MP Compact can also be mounted directly onto forklifts, which allows for a substantial increase in labour efficiency, reduced errors and faster workflows. In comparison, they occupy less than half the space of traditional industrial label printers, allowing operators to retain valuable workspace.

The MP Series printers can be used in almost any orientation, including upside down. Their large, easy-to-manage levers, single-handed media removal and open covers make the MP Series printers the next generation in ergonomic printer engineering and save time, money and space.

The optional 802.11 a/b/g/n wireless LAN makes it easy to connect to networks and to use mobile printing operations such as a forklift.

MP Compact is a small industrial label printer with mobile and wireless capabilities, ideal for work environments where space is an issue.

MP Nova is a high-speed, 102 mm (4 inch) or 152 mm (6 inch) tabletop printer with large label roll capacity and either direct thermal or thermal transfer print capability.

The MP Series Printers are easy to use, rugged and do as much as large industrial printers, yet need only a fraction of the space. The all-metal casing makes the printers ideal for harsh industrial environments but quiet and small enough to operate in low-noise environments such as an office or hospital.

FEATURES & BENEFITS

Label retrieval time is reduced when the MP Compact is mounted on a forklift.	Large media capacity allows for maximum productivity.	The MP Nova is available in 102 mm (4 inch) and 152 mm (6 inch) sizes as well as Direct Thermal (DT) and Thermal Transfer (TT).	The printers support DPL, Labelpoint, and PL-Z languages, allowing them to easily replace competing printers.	MP Compact 4 Mark III and MP Compact 4 Mobile Mark III offer a wireless connection option in addition to the standard Ethernet.

Technical Specifications

PHYSICAL CHARACTERISTICS

Dimensions (H x W x D):
Compact 4 Mark III: 105 x 230 x 260 mm (4.1 x 9.1 x 10.2 inches)+
Compact 4 Mobile Mark III: 125 x 230 x 260 mm (4.9 x 9.1 x 10.2 inches)+
Nova 4 Mark II DT: 150 x 232 x 360 mm (6 x 9.1 x 14.1 inches)
Nova 4 Mark II TT: 210 x 250 x 360 mm (8.2 x 9.5 x 14.1 inches)
Nova 6 Mark II DT: 150 x 292 x 360 mm (6 x 11.5 x 14.1 inches)
Nova 6 Mark II TT: 210 x 310 x 360 mm (8.2 x 11.9 x 14.1 inches)
Weight:
Compact 4 Mark III: 3.5 kg (7.7 lbs)
Compact 4 Mobile Mark III: 4.5 kg (9.9 lbs)
Nova 4 Mark II DT: 5.8 kg (12 lbs)
Nova 4 Mark II TT: 7.2 kg (16 lbs)
Nova 6 Mark II DT: 6.8 kg (15 lbs)
Nova 6 Mark II TT: 8.2 kg (16.5 lbs)
Construction: Compact 4 Mark III, Compact 4 Mobile Mark III, Nova Mark II DT, Nova Mark II TT: Metal die-cast frame.
Clock: Real time

USER ENVIRONMENT

Operating Temperature:
Compact 4 Mark III, Compact 4 Mobile Mark III, Nova Mark II DT & TT: 5°C to 40°C
Relative Humidity: 20% to 85% non-condensing

PRINT TECHNOLOGY

Printer Type:
Compact 4 Mark III, Compact 4 Mobile Mark III: Direct Thermal
Nova Mark II: Direct Thermal (DT) & Thermal Transfer (TT)
Print Head: 8 dots per mm (200 dpi) or 12 dots per mm (300 dpi)
Max Print Width:
Compact 4 Mark III, Compact 4 Mobile Mark III: 104 mm (4.1 inches)
Nova 4 Mark II DT &TT: 104 mm (4.1 inches)
Nova 6 Mark II DT & TT: 168 mm (6.6 inches)
Max Print Speed:
Compact 4 Mark III, Compact 4 Mobile Mark III: 125 mm/s (5 ips)
Nova 4 Mark II DT & TT: 254 mm/s (10 ips)
Nova 6 Mark II DT & TT: 203 mm/s (8 ips)
Memory:
Compact 4 Mark III, Compact 4 Mobile Mark III: 128 Flash/64 DRAM
Nova 4 Mark II DT & TT, Nova 6 Mark II DT & TT: 128 Flash/64 DRAM

POWER SOURCE

Electrical: Compact 4 Mark III: 100–230 V AC ±15%, 50–60 Hz, 120 VA
Compact 4 Mobile Mark III: 24–48 V DC ±15%, 120 VA
Nova 4 Mark II DT & TT, Nova 6 Mark II DT & TT: 100/240V AC 50–60 Hz, 325 VA

COMMUNICATION

Communication Ports (Standard):
Compact 4 Mark III, Compact 4 Mobile Mark III, Nova 4 Mark II DT & TT, Nova 6 Mark II DT & TT: Serial, Ethernet, USB
Communication Ports (Optional):
Compact 4 Mark III: 802.11 a/b/g/n Wireless
Compact 4 Mobile Mark III: 802.11 a/b/g/n Wireless
Security Protocols:
Compact 4 Mark III, Compact 4 Mobile Mark III: WPA2 security protocol

MEDIA

Media Types: Die-cut labels, continuous roll, fanfold tickets and tags.
Core Diameter: Minimum 40 mm (1.57 inch)
Core Diameter: Minimum 37 mm (1.5 inch)+++
Maximum Roll Diameter: 100 mm (4 inch) +
Maximum Roll Diameter: 150 mm (5.9 inch)++
Maximum Roll Diameter: 215 mm (8.5 inch)+++
Media Width Range: 40–115 mm (1.6–4.5 inch)
Media Width Range: 40–175 mm (1.6– 6.9 inch)++++
Minimum Media Length: 10 mm (0.39 inch)
Media Thickness Range: 0.058–0.18mm (0.0023–0.0071 inch)
Media Sensing: Three-way top of form sensor for gap, notch, and black mark.
Label Back Feed: For use with optional cutter or present sensor.
For optimum print quality and printer performance, use certified Honeywell media supplies.

AGENCY APPROVAL

Contact your Honeywell sales representatives for the most recent list of agency approvals

BARCODES/FONTS/GRAPHICS

Barcodes: QR code, PDF 417, Datamatrix, Maxicode EAN 13, etc.
Barcodes: EAN125, Inleaved 2 of 5, Code 39 and PDF417+
Fonts:
Labelpoint Version: Ten scalable fonts as standard: Universe Medium, Universe Bold, Universe Condensed, Universe Condensed Bold, CG Times, CG Times Italic, CG Times Bold, CG Times Bold Italic, Letter Gothic Bold, Coronet. Supports English and all European languages, including Greek and Cyrillic characters.
DPL Version: Nine expandable alphanumeric bitmapped fonts from 2 mm (0.08 inch) to 6 mm (0.25 inch) including OCR-A, OCR-B and six scalable fonts as standard: CG Triumvirate TM, CG Triumvirate Bold Condensed TM, CG Times, CG Times Italic, CG Times Bold, CG Times Bold Italic.+MP Nova Mark II DT & TT

SOFTWARE/FIRMWARE

NETira™ Configuration Tool is a Windows-based printer setup utility used to set up one or more printers.

ACCESSORIES

Compact 4 Mark III: Power cables, parallel to serial cable, USB cable
Compact 4 Mobile Mark III: Parallel to serial cable, USB cable

OPTIONS

Compact 4 Mark II: DPL version available with Labelpoint or PL-Z capabilities; Tower Mount Kit; Wall Mounting Kit; Label Taken Sensor Kit; Peeler Kit; Large Roll Kit; W-LAN 802.11 A/B/G/N with WPA2 security protocol, cutter.
MP Compact 4 Mobile Mark III: DPL version available with Labelpoint or PL-Z, emulation capabilities; Label Taken Sensor Kit; Peeler Kit, W-LAN 802.11 A/B/G/N with WPA2 security protocol, cutter, forklift mounting kit.
MP Nova Mark II: Cable mains, USB-cable, Daisy chain cable, RJ45 serial cable.

WARRANTY

Printer: 1 year*
Printhead: 1 year* or 25,400,000 mm (1,000,000 inches), whichever comes first
Extended Warranty: Contact your Honeywell representative regarding an extended warranty
When used with approved supplies

+ MP Compact 4 Mark III Mobile version only
++ MP Compact 4 Mark III
+++ MP Nova Mark II DT & TT
++++ MP Nova 6 Mark II DT & TT

MP Series Industrial Label Printer-DS Rev A 11/15

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