Honeywell
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MP Nova

Desktop Industrial Label Printers

The MP Nova printers are a unique series of industrial label printers that offer big customer benefits despite their small size. The MP Nova 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 Nova printers takes up little room, enabling a substantial increase in labor efficiency, reduced errors and faster workflows. The printers occupy less than half the space of traditional industrial label printers, allowing operators to retain valuable workspace.

The MP Nova 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 Nova printers the next generation in ergonomic printer engineering that saves time, money and space.

The MP Nova 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.



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

FEATURES & BENEFITS

Increased operational uptime with easy media loading.

Large media capacity allows for maximum productivity.

Available in 102 mm (4 in) and 152 mm (6 in) sizes as well as Direct Thermal (DT) and Thermal Transfer (TT) models.

The printers support IPL, DPL, Labelpoint and PL-Z languages, allowing them to easily replace competitive printers.

MP Nova Technical Specifications

PHYSICAL CHARACTERISTICS

Dimensions (H x W x D):

- **Nova 4 Mark II DT:** 150 mm x 232 mm x 360 mm (6 in x 9.1 in x 14.1 in)
- **Nova 4 Mark II TT:** 210 mm x 250 mm x 360 mm (8.2 in x 9.5 in x 14.1 in)
- **Nova 6 Mark II DT:** 150 mm x 292 mm x 360 mm (6 in x 11.5 in x 14.1 in)
- **Nova 6 Mark II TT:** 210 mm x 310 mm x 360 mm (8.2 in x 11.9 in x 14.1 in)

Weight:

- **Nova 4 Mark II DT:** 5.8 kg (12 lb)
- **Nova 4 Mark II TT:** 7.2 kg (16 lb)
- **Nova 6 Mark II DT:** 6.8 kg (15 lb)
- **Nova 6 Mark II TT:** 8.2 kg (16.5 lb)

Construction: Metal die-cast frame

Clock: Real-time

USER ENVIRONMENT

Operating Temperature: 5°C to 40°C (41°F to 104°F)

Relative Humidity: 20% to 85% non-condensing

PRINT TECHNOLOGY

Printer Type: Direct Thermal (DT) or Thermal Transfer (TT)

Printhead: 8 dots per mm (200 dpi) or 12 dots per mm (300 dpi)

Max. Print Width:

- **Nova 4 Mark II DT & TT:** 104 mm (4.1 in)
- **Nova 6 Mark II DT & TT:** 168 mm (6.6 in)

Max. Print Speed:

- **Nova 4 Mark II DT & TT:** 254 mm/s (10 ips)
- **Nova 6 Mark II DT & TT:** 203 mm/s (8 ips)

Memory: 128 Flash/64 DRAM

POWER SOURCE

Electrical: 100/240V AC 50–60 Hz, 325V A

COMMUNICATION

Communication Ports (Standard): Serial, Ethernet, USB

MEDIA

Media Types: Die-cut labels, continuous roll, fan fold tickets and tags

Core Diameter: Minimum 37 mm (1.5 in)

Maximum Roll Diameter: 215 mm (8.5 in)

Media Width Range: 40–115 mm (1.6–4.5 in)

Media Width Range: 40–175 mm (1.6– 6.9 in)+

Minimum Media Length: 10 mm (0.39 in)

Media Thickness Range: 0.058–0.18 mm (0.0023–0.0071 in)

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 representative for the most recent list of agency approvals.

BARCODES/FONTS/GRAPHICS

Barcodes: QR code, PDF 417, Datamatrix, Maxicode EAN 13, EAN125, Interleaved 2 of 5, Code 39

Fonts:

- **Labelpoint Version:** 10 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 in) to 6 mm (0.25 in) 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.

SOFTWARE/FIRMWARE

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

OPTIONS

Cable Mains, USB Cable, Daisy Chain Cable, RJ45 Serial Cable

IPL/PLI language, Fan Fold Kit, Label Taken Sensor Complete, Peel Off Kit Complete

OPTIONAL PART NUMBERS

Fan Fold Kit: ENM533757

Label Taken Sensor Nova Complete: ENM533625

Peel Off Kit Complete Nova 4: ENM533541

Peel Off Kit Complete Nova 6: ENM533542

WARRANTY

Printer: 1 year*

Printhead: 1 year* or 25,400,000 mm (1,000,000 in), whichever comes first

Extended Warranty: Contact your Honeywell representative regarding an extended warranty.

* When used with approved supplies

+ MP Nova 6 Mark II DT & TT

Some approvals and features may vary by country and may change without notice.

Specs may vary based upon the specific configuration or features selected. Please check with your local Honeywell sales office for further information.

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For more information

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