

ND 475 Matrix Printer, GENICOM 3024



INTRODUCTION

The ND 475 is ideally suited to provide hard copy output for small business and personal computer systems. The printer emulates the most widely-used professional and personal computer printers and provides many other standard features and options. These include operator-selectable print styles, tractor-feed capability and five different print modes. In addition, high resolution, dot addressable graphics are a standard feature, providing added capabilities for professional system requirements.

FEATURES

- Up to Five Selectable Print Modes (*)
- Up to Four Character Styles (*)
- Five Character Pitches
- Fifteen National Character Sets (*)
- Dot-Addressable Graphics
- Flexible Paper Handling
- Operator Convenience
- Universal Power Supply

TECHNICAL SPECIFICATIONS

Data Transmission

Code:	USASCII/ISO 7 bits, plus optional parity
Interface:	Serial RS232C (ND 272)
Speed:	110/300/600/1200/1800/2400/4800/9600 baud
Data Connectors:	EIA 25 pin type female

Printing

Type:	Matrix Impact
Speed:	Draft printing: 200 cps NLQ printing: 40 cps
Print Modes (*):	Emphasized, double strike, underscore, bi-directional/uni-directional (*)
Character Sets:	96 ASCII/ISO, 15 national character sets (*), 96 user-definable downline loaded characters (*) and up to 64 graphics (*)
Character Styles:	Draft, draft italic (*), NLQ gothic (*), NLQ italic (*), NLQ OCR-B

Character Formation: Draft: 5 of 9 dots H x 9 dots V;
 NLQ gothic: 9 dots H x 18 dots V; NLQ italic: 11 dots H x 18 dots V; Emphasized mode doubles the dots horizontally; double strike mode doubles the dots vertically.

Print Head: Nine wire impact
 Head Slew: 22 in./sec (559 mm/sec)
 Line Feed Interval: 40 msec at 6 lpi
 Character Spacing: 10, 12, and 17 cpi
 Line Spacing: 6, 8, N/72, N/144 lpi
 Print Line: 13.2 in. (335 mm) (132 columns @ 10 cpi)

Graphics Mode (*): 6, 7 or 8 pin addressable
 H resolution: 60 to 204 dpi
 V resolution: 72 or 144 dpi
 Speed: 5760 dots/sec max

Buffer Size: 2K character
 Ribbon: Cartridge, black inked nylon, 4 x 10⁶ character nominal life (draft printing)

Test: Local self test

Print Control

Horizontal Tabs: 64
 Vertical Tabs: 54 (*)
 Top of Form: Form lengths to 22 in. (559 mm) (*)
 Perforation Skip: 0 or 1 in. (25.4 mm), 1 to 127 line (*)
 Automation: New Line, LF

* Emulation mode dependent

Paper Handling

Paper Drive: Adjustable push tractors at rear and upper pinch rollers for continuous forms
 Paper Slew: 7 in./sec (178 mm/sec)
 Paper Width: Continuous forms: 5.1 to 15.5 in. (130 to 394 mm)
 Copies: Original plus 3; max thickness: 0.018 in. (.46 mm)
 Paper Tear Dimension: 1.35 in. (34 mm)

Operator Controls

Program Mode Select On Line/Mode Select
 Line Feed/Font Select FF/Forms Length Select
 TOF Set/Character Self Test
 per inch

Power Requirements

Voltage: 105 to 129 and 198 to 264 VAC
 Frequency: 48/62 Hz
 Current: 1A max operating

Operating Environment

Temperature: + 40° to + 104° F
 (+ 4° to + 40° C)
 Humidity: 20% to 90% relative

Dimensions

Height: 5.0 inches (126 mm)
 Width: 24.7 inches (627 mm)
 Depth: 15.6 inches (296 mm)
 Weight: 34 lbs. (15.4 kg)



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NOTE: NORSK DATA reserves the right to change specifications without notice.



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