701

700 Series
Dot Matrix Printer

- 60 characters per second, bidirectional (25-120 lpm)
- 132 column format
- Elongated character feature
- Interfaces with most major micro and minicomputers
- Centronics' nationwide service & warranty

CENTRONICS 701

CENTRONICS MODEL 701

A MEMBER OF CENTRONICS
NEW 700 SERIES PRINTERS AND TELEPRINTERS

- LOW COST OF OWNERSHIP
- UNIQUE MODULAR DESIGN
- HIGH QUALITY PERFORMANCE
- MANY OPTIONS & FEATURES

THE CENTRONICS MODEL 701 FEATURES A NEW CONCEPT OF MODULAR CONSTRUCTION
ALLOWS THE CUSTOMER TO DEFINE HIS APPLICATION AND CENTRONICS
PRINTER TO MEET HIS SPECIFIC NEEDS.

STANDARD FEATURES

PRINTING FEATURES:
- 60 CPS   9X7 DOT MATRIX
- BIDIRECTIONAL & LOGIC SEEKING
- 10 CHAR PER INCH,6 LINES PER INCH
- SINGLE CHARACTER ELONGATION
- RIBBON CARTRIDGE

FORMS HANDLING:
- PINCH ROLL FEED 5.5 IPS SLEW
- READ PAPER FEED
- PAPER RUNAWAY INHIBIT

CONTROLS AND INDICATORS:
- ON/OFF POWER SWITCH
- OUT OF PAPER SENSOR
- SELECT/DESELECT

7 BIT ASCII PARALLEL DATA INPUT

STANDARD OPTIONAL FEATURES

- COMPRESSED PRINT (12 AND 16.5 CPT,FIXED)
- TRACTOR FEED
- 96,128 CHARACTER CHARACTER SETS

SELECT   OVER RIDE   TOF   LINE FEED   VFU   ALERT   POWER
SELECT

The Centronics Model 701 dot matrix printer is a 60 character-per-second bidirectional printer that offers increased throughput by intelligently seeking the nearest character of the next print line (logic-seeking), thus eliminating time consuming carriage returns.

It is ideally suited to applications in small business systems, banking/credit operations, medical laboratories, reservation systems, and forms handling.

Model 701 produces clear 5 x 7 dot matrix characters, printing on plain paper, fan fold paper, roll paper, or pre-printed forms. A tractor feed is standard. Data is printed at 60 cps bidirectional with logic seeking, allowing speeds of from 25 to 120 lines per minute in formats up to 132 columns. The cartridge is an enclosed continuous ribbon.

Model 701 also features an alert indicator to signal an operator-correctable error condition. The operator also can control the horizontal and vertical forms positioning for filling out intricate pre-printed forms. A forms thickness control enables the unit to be adjusted for multiple copies.

In addition, there are many electronic options available at extra cost to tailor the Model 701 to meet special operating requirements.

STANDARD FEATURES
60 characters/second
132 characters/line
25 to 120 lpm
5.5 ips slew rate
LSI electronics
5 x 7 dot matrix
10 cpi horizontal
6 lpi vertical
Tractor paper feed
Paper out indicator
Auto motor control
Column scale & tear bar
Elongated characters by line
Ribbon cartridge
Bidirectional logic seeking

RIBBON SYSTEM
Continuous ribbon 9/16" (14mm) wide, 20 yards (18.3 meters) long
Mobius loop allows printing on upper and lower portions on alternate passes

PANEL INDICATORS
Power ON: Indicates AC power is applied to printer
Select: Indicates printer can receive data
Alert: Indicates operator-correctable error condition

OPERATOR CONTROLS
Power ON/OFF
Select/Deselect
Forms thickness
Horizontal forms positioning
Vertical forms positioning

DATA INPUT
7 or 8 bit ASCII parallel, TTL levels with strobe, acknowledge pulse indicates that data was received

ELECTRICAL REQUIREMENTS
60 Hz; 115VAC, +10%/−15% of Nominal
50 Hz; 230VAC, +10%/−15% of Nominal

PHYSICAL DIMENSIONS
Weight: 60 lbs. (27 Kg)
Width: 24.5" (622mm)
Height: 8" (203mm)
Depth: 19.5" (495mm)

TEMPERATURE
Operating: 40° to 100°F (4.4° to 37.7°C)
Storage: −35° to 130°F (−37.2° to 54.4°C)

HUMIDITY
Operating: 20% to 90% (No Condensation)
Storage: 5% to 95% (No Condensation)

OPERATOR SWITCHES AND INDICATORS
Forms Override Switch: Allows printing to continue after paper empty is detected.
Manual Line Feed Switch: Advances paper one line when depressed.
Audio Alarm: Audible tone which is activated by software command or paper empty.

ELECTRONIC OPTIONS
Non-Gated Data Strobe: Allows printer to accept data before the previous character is acknowledged.
Auto CR on Paper Motion Command: Generates automatic carriage return upon receipt of LF, VT, FF causing the line of data to be printed.
Inhibit Prime on Select: Prevents buffer and logic from being reset when printer is selected.
Inhibit Delete: Prevents delete code (octal 177) from resetting printer and allows delete code to be used as a pad character.
Inverted Data Strobe: The negative-going data strobe pulse is inverted.
Auto Line Feed Enable: Allows printer to automatically perform a line feed upon receipt of CR.

CENTRONICS® PRINTERS