



35 CPS Character Printer

9611

1.0

GENERAL DESCRIPTION

The Datapoint® Model 9611 35 CPS Character Printer is designed for word processing and other applications requiring high-quality fully formed character printing. Using daisy-wheel technology, the Model 9611 produces crisp, clear printing on many types of paper and on forms of up to six parts. An advanced microprocessor-based design enables the 35 CPS Printer to perform a variety of sophisticated functions; the printer is also available with several paper-handling options that permit completely unattended operation.

The 35 CPS Character Printer uses a bidirectionally rotating print wheel to print 35 characters per second (Shannon test text at 132 columns per line, using a 10-pitch plastic print wheel). Internal sensors detect fault conditions (such as a depleted ribbon, a lack of paper, and so on) and interrupt printing; after clearing the fault, the operator can resume the print job where it was interrupted. This feature permits continuous printing and prevents the loss of data.

The use of advanced microprocessors enables the 35 CPS Printer to accept commands from another source for margin placement, line and character spacing, length of form, line width, hammer pressures, and initialization procedures. The Model 9611 can thus accommodate custom forms as well as perform a variety of advanced functions including completely unattended operation. The Model 9611's integral microprocessors also perform a comprehensive self-test routine and control the printer's buffer memory.

The printer's controls are designed for ease of operation and are conveniently located. A cartridge ribbon design makes for quick, clean ribbon changes; a simplified paper path reduces the likelihood of paper jams and makes clearing them easier.

The 35 CPS Printer can serve as a terminal printer when connected to a Datapoint Model 8200-series Workstation or as a local printer when connected to any Datapoint processor with a serial interface. The Model 9611 is fully compatible with all Datapoint software.

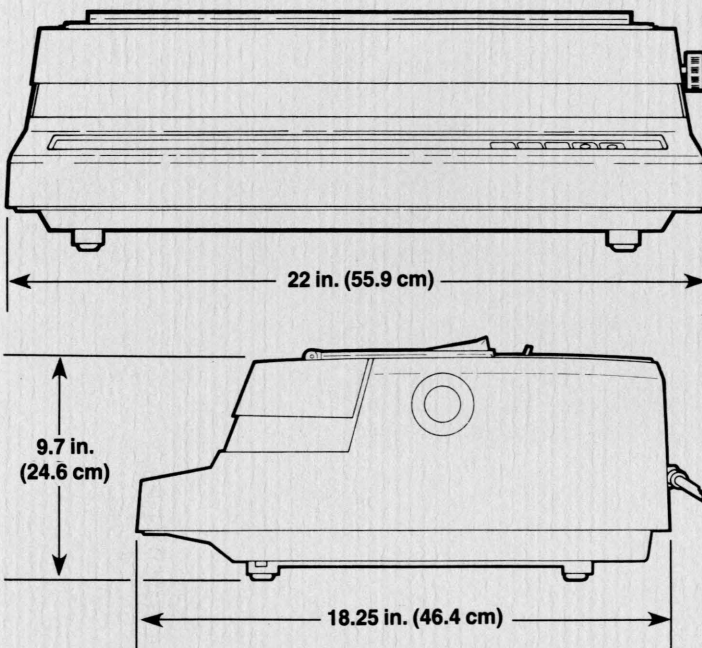


TABLE OF CONTENTS

1.0 General Description	1	3.4 Programming Considerations	5
2.0 System Requirements	2	4.0 Physical Description	7
3.0 Technical Description	2	5.0 Environmental Requirements	8
3.1 Hardware Specifications	2	6.0 Interface Requirements	8
3.2 Switches, Controls, and Indicators	2	7.0 Options	8
3.3 Sensors	4	8.0 Shipping List	9

The Model 9611 may be equipped with a number of options. The cut-sheet feeder automatically loads single sheets of paper into the printer, providing for totally unattended operation. The tractor mechanism permits the use of standard continuous-form paper and also can operate without operator intervention. The printer stand provides an attractive way of mounting the printer; the forms insertion guide speeds the manual loading of single sheets of paper. A wide variety of printwheels, ribbons, and paper is also available.

2.0

SYSTEM REQUIREMENTS

The printer can connect to a Datapoint video terminal or to any Datapoint processor conforming to RS-232-C signal levels at 1200 or 9600 baud.

3.0

TECHNICAL DESCRIPTION

3.1

Hardware Specifications

General performance specifications of the 35 CPS Character Printer include:

- Printing method - Impact, bidirectional, rotating printwheel
- Character rate - 35 characters per second minimum @ 10 pitch, Shannon test text
- Characters per printwheel - 96 (plastic); 88, 92, or 96 (metal)
- Printwheels - Courier 72, standard (Model Code 80270)
- See Section 7.0, Options, for a list of available printwheels
- Character spacing - 10 characters per inch
- 12 characters per inch
- 15 characters per inch
- Carriage return time - 400 msec for 13.1 inches
- Line width - 132 columns @ 10 characters per inch
- 158 columns @ 12 characters per inch
- 198 columns @ 15 characters per inch
- Line spacing - 6 lines per inch, programmable in 1/48-inch increments
- Cartridge-loaded ribbon type - Mylar film, standard (Model Code 80681)
- Nylon fabric (Model Code 80682)
- Mylar film, extended life (Model Code 80699)
- Paper speed - 4 inches per second (minimum, plus 0.040 seconds' settling time)
- Paper width - 16.5 inches (maximum, friction feed)
- 15.25 inches (maximum, 3.25 inches minimum, with optional forms tractor)
- Paper feed - Pressure platen, top loading
- Cut-Sheet Feeder (optional), top feed
- Tractor (optional), bottom feed
- Paper length - 11 inches (default)
- Configurable from 4.0 to 21.25 inches in 1/48-inch increments
- Paper type - Single or multipart forms (maximum 6-part, 0.003 to 0.025 inches thick) with standard friction feed or optional cut-sheet feeder
- One- to six-part fan-fold continuous forms (0.003 to 0.025 inches thick) with optional tractor

3.1.1

Character Set Font

The character font supplied with the printer (Courier 72) represents the standard ASCII 96-character set (octal 040 through 0177).

The particular character printed for each code is determined by the interchangeable print wheel used.

3.1.2

Print Rate

The Model 9611 Printer prints the following test line (Shannon text test) at 35 characters per second, minimum:

“The head and in frontal attack on an english writer that the character of this point is therefore another method for the letters”

Before starting the test, the printer must be set for 10 pitch and the carriage must be positioned to the left margin. The test line is printed in a horizontal line; each line has 128 characters.

The speed is averaged over at least four test lines (excluding paper motion and initial carriage positioning time). The test may be conducted using any of the print wheels listed in Section 7.0, Options.

The carriage slews across blank areas (horizontally) at a rate of 0.400 seconds maximum for 13.1 inches.

The paper slews across blank areas (vertically) at a rate of 4 inches per second minimum (plus 0.040 seconds typical setting time). This rate also applies with the optional tractor using bottom-feed and 6-ply paper.

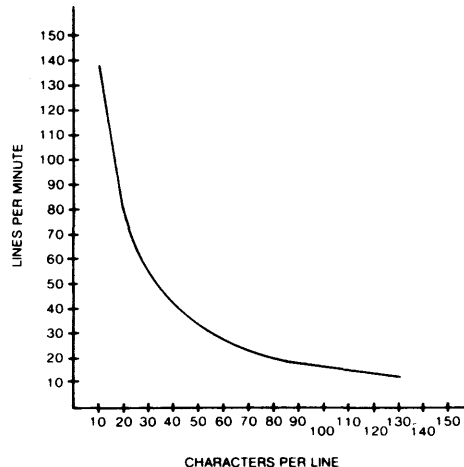


Figure 3-1: Print Rate Chart

3.2

Switches, Controls, and Indicators

The Model 9611 Printer is self-contained; all of the controls necessary for its operation are located on it. The following paragraphs outline the controls and their functions.

3.2.1

Power ON/OFF Switch

As you face the printer, the power ON/OFF switch is located on the upper right rear portion of the printer (see Figure 3-2). Push the top of this switch to turn power on; push the bottom to turn it off.

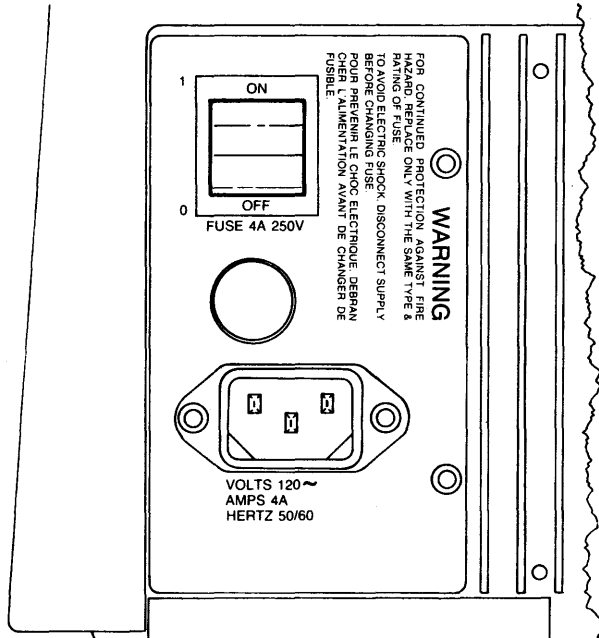


Figure 3-2: Power ON/OFF switch

3.2.2

FORM Button

The FORM button, located on the right front side of the printer, advances the paper to the next top of form (see Figure 3-3).

The FORM button is active only when the printer is not printing or a fault has been detected. If the FORM button is activated when the paper is already at the top of form, the printer advances the paper to the next top of form.

The FORM button is also used in conjunction with the CONTINUE button to initiate a printing self-test (see subsection 3.2.7).

3.2.3

PAUSE Button

NOTE: Press the PAUSE button to stop the printer before the cover is opened to prevent the loss of characters.

The PAUSE button, located on the right front side of the printer, stops the printer following the next paper motion command and flashes the ATTENTION indicator (see Figure 3-3). The FORM button is enabled after the PAUSE button is depressed.

The PAUSE button is used to stop the printer for print wheel, ribbon, or paper replacement. Pressing the CONTINUE button enables printing to resume.

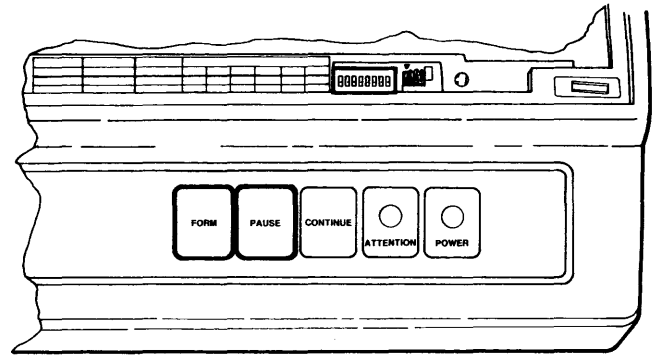


Figure 3-3: Printer controls and indicators including printwheel select switch.

3.2.4

CONTINUE Button

The CONTINUE button, located on the right front side of the printer, allows the printer to continue after the operator has cleared a fault condition (see Figure 3-3). It may also be used to release a previously entered Pause command. The CONTINUE button is most frequently used during paper or forms insertion and when the paper bail should be closed over the form.

Forms or cut sheets inserted in the printer are automatically advanced to top of form when the CONTINUE button is pressed. This method of insertion is described in Document No. 61154, Datapoint 9611 35 CPS Character Printer Operator's Guide.

When the paper has been advanced far enough for the paper bail to hold it (approximately five lines), the printer automatically pauses and double flashes the ATTENTION indicator. The operator must engage the paper bail over the form. Pressing the CONTINUE button permits printing to proceed normally.

If an operator-correctable fault such as a lack of paper occurs, the printer resumes printing from the point where the fault was detected.

Pressing the CONTINUE button when the printer is in the Pause state allows printing to continue. If the printer detects an operator-correctable fault while in the Pause state, the carriage and printwheel are reinitialized and printing continues from the point where the Pause state was entered.

If a machine fault such as carriage motor stall occurs, the printer reinitializes the carriage and print wheel position and returns the programmable parameters to their default values. Data in the buffer may be lost.

The CONTINUE button is also used in conjunction with the FORM button to execute a printing self-test (see subsection 3.2.7).

3.2.5

ATTENTION Indicator

The ATTENTION indicator light is located on the right front of the printer (see Figure 3-3). The indicator is off if power is not applied to the printer, or if the printer is operating normally with no fault conditions.

If a serious problem such as a printwheel or carriage stall or other nonoperator-correctable fault is detected, the

ATTENTION indicator glows steadily. The indicator flashes at approximately 0.5 hertz when a paper-out, cover-open, or end-of-ribbon fault is detected, or while the printer is in the Pause state.

When paper has advanced to the position where it should be engaged by closing the paper bail, the paper feed stops and the ATTENTION indicator flashes in a sequence of double flashes.

3.2.6

POWER Indicator

The POWER indicator, located on the right front of the printer, is lighted anytime power is applied to the printer. (See Figure 3-3.)

3.2.7

Self-Test

To initiate a printing self-test, hold the CONTINUE switch down and press the FORM switch. Release the switches after the test starts. If the self-test is run without the Tractor or cut-sheet feeder, the test will stop after approximately five lines are printed and the ATTENTION indicator will flash. Close the bail and press the CONTINUE switch to continue the test.

The self-test is completely independent of any external equipment; it isolates failures to the printer rather than the rest of the system.

3.2.8

PRINTWHEEL SELECT Switch

NOTE: The PRINTWHEEL SELECT switch must be set to match the particular type of printwheel being used to prevent possible printwheel damage, excessive wear, or the printing of improper characters.

The PRINTWHEEL SELECT switch, located inside the printer cover, is easily accessible while the printwheel is being changed. It has positions for plastic and metal printwheels.

3.2.9

Platen Knob

The platen knob on the right side of the printer is used to adjust the paper position manually. Turn the knob clockwise to advance the paper or counterclockwise to back the paper out of the printer. Push the knob inward to adjust the paper position. (See Figure 3-4.)

3.2.10

Pinch Roller Release

The pinch roller release frees the rollers so that paper being fed around the platen can be adjusted. Pull the release forward to adjust the paper, then push the release to the rear to hold the paper in place. Pull the release forward when using the optional tractor (see Figure 3-4).

3.2.111

Forms Thickness Control

The forms thickness control allows the user to adjust for single- and multiple-copy printing. The forms thickness control is the large black lever under the back of the ribbon cartridge. This lever has two positions. Pull the lever

up to print one to three copies; push it down to print four to six copies. (See Figure 3-4.)

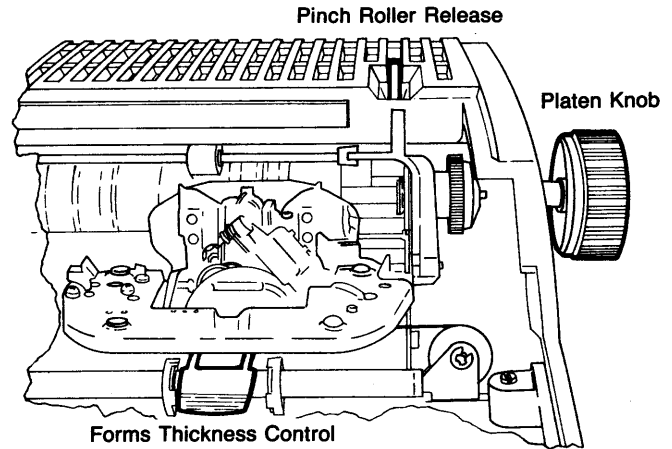


Figure 3-4: Front view without cover showing Platen Knob, Pinch Roller Release, and Forms Thickness Control.

3.3

Sensors

The following paragraphs describe the printer's sensors and their functions.

3.3.1

Cover Interlock Sensor

The cover interlock sensor stops the printer when the operator opens any panel or cover which exposes moving parts. Any motion in progress such as a carriage step is immediately stopped. No command from the buffer can be executed. The ATTENTION indicator flashes to denote the open cover.

When the cover is opened, the drive power to the carriage is removed. When the cover is closed and the CONTINUE switch is pressed, the printer resumes printing at the point where the cover was opened.

If the cover is opened while the printer is active, several characters may be lost. Press the PAUSE switch to stop the printer before opening the cover to prevent the loss of characters.

The interlock is automatically reenabled each time the cover is closed.

3.3.2

End-of-Ribbon Sensor

The end-of-ribbon sensor stops the printer at the first paper motion after the end of a mylar film ribbon is reached. It has no effect if a continuous fabric ink ribbon is used.

3.3.3

Paper-Out Sensor

The paper-out sensor is located on the left side of the bottom feed chute.

The status of the switch is sensed only at the bottom of a form. Printing continues normally from the time the edge of the paper leaves the sensor to the next bottom of form. The printer then stops and the ATTENTION indicator will begin to flash. A paper-out fault can occur only at the page boundary.

The paper is installed using the FORM switch and platen knob as required to align the top of form. Then the CONTINUE switch is pressed to resume operation.

Always make final adjustment by moving the paper up, not down.

No paper-out sensing is provided for paper fed around the platen.

3.4

Programming Considerations

3.4.1

Single Byte Commands

The printer executes all printable characters in the range 041 through 176.

The following single byte control codes are executed by the printer:

SP	040	Space
LF	012	Line Feed
CR	015	Carriage Return
FF	014	Form Feed
SO	016	Micro Line Feed

The Escape code 033 is the preface of the Escape Sequences described below.

The DEL 177 and DC4 024 codes may appear in unlimited number anywhere in the data stream except within an Escape Sequence. They are ignored completely and are not placed in the printer buffer.

All other control codes are ignored by the printer.

3.4.2

Escape Sequence Formats

Command strings are identified by the command name followed by the ANSI abbreviation, followed by the character sequence within parentheses. A single space separates the characters; the space is not part of the command.

Letters preceded by the # symbol are parameters which consist of an unspecified number of ASCII characters representing the digits 0 through 9. The value of the parameter is the value of the digits taken as a decimal integer with the most significant digit received first. For example, if the parameter consists of the characters 0 1 4 4, the value of the parameter would be 144. A zero or missing parameter returns the printer to default for that parameter.

The vertical and horizontal registration of the printer are 1/48 and 1/120 inch, respectively. Commands are expressed in units of 1/1440 inch and are truncated to the applicable resolution.

3.4.3

Illegal Commands

The printer recognizes commands of the specified formats, but ignores the entire Escape Sequence if the command is not applicable.

Upon detecting a character which violates the specified format, the printer ignores the command, assumes the sequence has been terminated, and attempts to execute that and following characters. Escape sequences of more than 600 characters are illegal commands.

3.4.4

Configuration Commands

Initialize RIS (ESC c)

Equivalent to Power-on-Reset. All programmed values are lost, default values are used, and the interface firmware is restarted. This command does not go to the RAM buffers, but is executed immediately, regardless of the printer's state. Several seconds are required for execution. Status indicates that the printer is busy until initialization is complete.

Default PU1 (ESC Q)

Sets all programmable values back to default and simulates a carriage return; the electronic top of form is not changed. All previous commands in the buffer are executed before this command.

Set Form Length PRIVATE USE (ESC [#p ; #s r)

Allows form length to be programmed to #p/1440-inch increments (the length is truncated to a multiple of 1/48 inch; the number #s is ignored). Top of form is redefined by this command to be the present position (default length is 11 inches). The range of #p is 0 to 30600 (21.25 inches).

Set Left Margin PRIVATE USE (ESC [#t q)

Sets the left margin to a position #t/1440 inches to the right of the left edge of column 0. Carriage return and horizontal tab to column are relative to the left margin (default value is column 0). The number #t is truncated to a multiple of 1/120 inch.

Set Spacing SPI (ESC [#v ; #h SP G)

Sets all character widths to the value specified by #h/1440 inches. Hammer energy is not changed; line size is specified by #v/1440 inches. The printer limits character widths to multiples of 1/60 inch; if #h is not an integer multiple of 1/60, the value is truncated. Similarly, the line size, #v, is truncated to a multiple of 1/48 inch. Default width is 1/10 inch and default line size is 1/6 inch. The range of #h is 0 to 360; #v, 0 to 930.

Load Character Table

(ESC P SP #spw ; #n ; #40e ; #40w ; #41e ; #41w ; ... #176e ; #176w ; #177e ; #177w ESC \)

Changes the width and hammer energy used to print each character. The host processor software is responsible for loading values which correspond to the print wheel in use. All commands in the printer buffer are executed before the table is changed.

Value	Description
#spw	Width of the space character.
#n	Table number. See Status Response.
#40e	Hammer energy for the character at octal 40 on the print wheel.
#40w	Width of the character at octal 40 on the print-wheel.
#41e	Hammer energy for the character at octal 41 on the printwheel.
#41w	Width of the character at octal 41 on the print-wheel.
.	.
.	.
.	.
#176e	Hammer energy for the character at octal 176 on the printwheel.
#176w	Width of the character at octal 176 on the print-wheel.
#177e	Hammer energy for the character at octal 177 on the printwheel.
#177w	Width of the character at octal 177 on the print-wheel.

Width parameters are character widths in 1/60-inch increments; the allowable range is 0 through 15 decimal. Hammer energy parameters are relative energies and have a range of 0 through 7 decimal. Default values are all character widths equal to 1/10 inch and standard hammer energies for Courier 72 plastic and Titan 10 (96-character) metal printwheels.

Both energy and width must be specified for each character; there is no default for individual characters.

Pause PRIVATE USE (ESC P \$ MESSAGE ESC \)

The character string MESSAGE is ignored. The ATTENTION indicator flashes and the Printer Ready status line is set false; press the CONTINUE switch to resume printing. If a CHECK condition occurs while in the Pause state, the printer resynchronizes the carriage and the printwheel when the CONTINUE switch is pressed. The print position, data in the buffer, and the prior configuration are retained and the printed output shows no sign of the CHECK having occurred.

Printable Characters

Printable characters cause escapement based on their width value in the character table. Carriage motion is the sum of the half width of the current character and the half width of the previous character. Carriage return and tabs have a zero width.

3.4.5

Paper Movement Commands

Vertical Tab VPR (ESC [#t e)

Moves paper up #t/1440 inch (the default value is 1/24 inch). The number #t is truncated to multiples of 1/48 inch; the maximum value for #t is 30600 (21.25 inches).

Micro Line Feed 016

Moves paper up 1/24 inch. The use of this command is not recommended and will not be supported in future products (See Vertical Tab command.)

Line Feed 012

Moves paper up one line space interval as specified by the set spacing command. Default value is 1/6 inch.

Form Feed 014

Moves paper to the next top of form. The Form Feed command is ignored while the printer is at top of form.

3.4.6

Carriage Movement Commands

Thin Space HPR (ESC [#t a)

Moves the print position #t/1440 inch to the right (the default value is 1/120 inch). The number #t is truncated to a multiple of 1/120 inch.

Space 040

Moves the print position to the right by the amount stored in the character table for the space character.

Horizontal Tab To Column HPA (ESC [#t `)

Moves the print position to a position #t/1440 inch to the right of the left margin. The following character is printed half its width to the right of this print position.

Carriage Return 015

Moves the print position to the left margin. The following character is printed half its width to the right of this print position.

Print ASCII 040 SS2 (ESC N !)

Prints the character located at printwheel position 040. The use of this command is not recommended and will not be supported in future products. (See Special Character 40 command.)

Print ASCII 0177 SS2 (ESC N ``)

Prints the character located at printwheel position 0177. The use of this command is not recommended and will not be supported in future products. (See Special Character 177 command.)

Special Character 40 DCS (ESC P 0 ESC \)

Prints the character located at printwheel position 040.

Special Character 177 DCS (ESC P 1 ESC \)
Prints the character located at printwheel position 177.

3.4.7

Special Commands

Delete DEL 0177

Pad character, ignored by printer. It is not placed in the FIFO buffer.

Printer Off DC4 024

Used to instruct terminals to stop sending data to the attached printer. Ignored by the printer.

3.4.8

Status Commands

Status Poll DSR (ESC 5 n)

Requests printer to transmit status information. This command is not placed in the printer buffer; it is executed immediately. See Status Response command.

Status Response DCS (ESC P . STATUS ESC \)

Response to Status Poll command. This response must begin within one second after the Status Poll command has been received and must be completed within five seconds. The poll is answered regardless of the state of the printer or the state of Data Set Ready.

The format of the STATUS response is:

ID | FAULTS | CONFIGURATION | OPTIONS

Octal 174 (I) is sent to separate the fields. Field definitions are as follows:

ID is the two ASCII characters 0 1.

FAULTS is a series of ASCII characters which indicates current fault conditions.

The first character of FAULTS is the sum of octal 60 plus 1 if paper out; plus 2 if carriage jam; plus 4 if ribbon out; and plus 8 if cover open. If all four faults exist, the first byte is octal 77.

The second character of FAULTS is octal 61 if any serious faults exist and 60 otherwise.

The third character of FAULTS is octal 60 plus 1 if in the Pause state using the Pause switch; plus 2 if in the Pause state using the Pause command; plus 4 if in self-test; and plus 8 if halted because self-test failed.

CONFIGURATION is a series of parameters which represents the present value of programmable configurations. Since the Status Poll command is not buffered, the

CONFIGURATION response does not reflect any commands that are still in the printer buffer.

The first parameter of CONFIGURATION is the #v parameter from the last Set Spacing command or the default value of 2 4 0.

The next character of CONFIGURATION is a vertical bar (|).

The second parameter of CONFIGURATION is the #h parameter from the last Set Spacing command or the default value of 1 4 4.

The next character of CONFIGURATION is a vertical bar (|).

The third parameter of CONFIGURATION is the #n parameter from the last Load Character Table command or the default value of octal 4 0.

The next character of CONFIGURATION is a vertical bar (|).

The fourth parameter of CONFIGURATION is the #p parameter from the last Set Form Length command or the default value of 1 5 8 4 0.

The next character of CONFIGURATION is a vertical bar (|).

The fifth parameter of CONFIGURATION is the #t parameter from the last Set Left Margin command or the default value of 0.

OPTIONS is a series of characters which describes changes in the physical configuration of the printer.

The first character of OPTIONS is octal 60 if no operator-installable option is present and octal 61 if an optional tractor is present.

The second character of OPTIONS is octal 60 if the PRINTWHEEL SELECT switch is in the plastic position and octal 61 if it is in the metal position.

The third and fourth characters of OPTIONS are the firmware revision level.

4.0

PHYSICAL DESCRIPTION

Figure 4-1 shows the dimensions of the printer, which weighs approximately 60 pounds (27.3 kg). With the optional stand, it weighs approximately 135 pounds (61.4 kg).

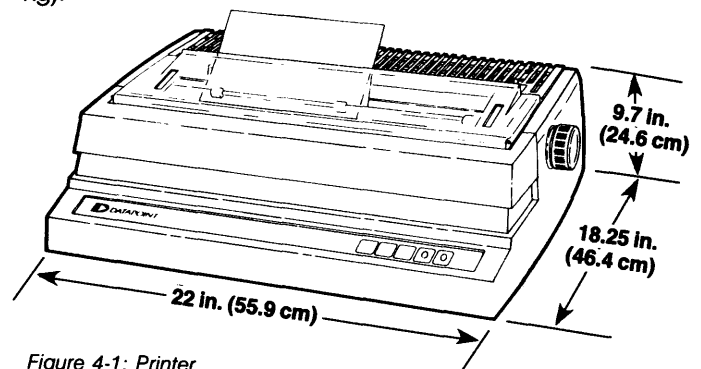


Figure 4-1: Printer

5.0

ENVIRONMENTAL REQUIREMENTS

Temperature:	50 to 100 degrees Fahrenheit 10 to 38 degrees Celsius 20 to 90% humidity, non-condensing
Heat Dissipation:	600 BTU/Hour, idle 860 BTU/Hour, printing
Noise Emission:	68 dBA PNC (maximum, printer) 72 dBA PNC (maximum, printer with Cut-Sheet Feeder installed)

Normal office temperatures are recommended.

The printer may be stored in a noncorrosive, noncondensing atmosphere with a relative humidity between 5 and 95 percent and temperature between -40 and 158 degrees F (-40 and 70 degrees C). D

Warning: This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user, at his own expense, will be required to take whatever measures may be required to correct the interference.

6.0

INTERFACE REQUIREMENTS

6.1

Serial Interface

The serial interface conforms to RS-232-C for asynchronous bit serial data.

The serial data character consists of a start bit, eight data bits, and a stop bit. The least significant seven data bits are the ASCII code; the eighth bit is ignored by the printer. The least significant bit is received first.

The connector pin assignments are as follows:

Pin	Description
1	Protective Ground
2	Transmitted Data
3	Received Data
4	On Line
6	Data Set Ready
7	Signal Ground
20	Printer Ready

Protective Ground is chassis ground and is connected to the AC power grounding conductor.

Transmitted Data is data transmitted by the printer. No data is transmitted by the printer unless it has received a command to transmit status.

Received Data is data received by the printer. The printer ignores this signal unless Data Set Ready is true.

On Line is true while power is applied to the printer.

Data Set Ready must be true before the printer will accept Received Data.

Signal Ground is the reference for all interface signals. Signal Ground is connected to the logic ground of the printer and to Protective Ground by a removable jumper.

Printer Ready is a printer buffer status signal. A true indicates the printer has buffer space for at least 64 more characters, no serious faults have been detected, and the printer is not in the Pause state. When the buffer gets within 64 locations of full, the printer sets Printer Ready false; however, up to 64 more characters are accepted with no loss of data (characters received in excess of the buffer size are ignored). The 64-character buffer prevents overflow if a dial-up line involves a round-trip satellite link for the rates up to and including 1200 baud.

6.2

Printing and Control Characters

The printer contains a FIFO (first-in, first-out) queue and line buffer of about 700 characters. The printer accumulates both printing and control characters until printing is initiated. Printing is initiated when either of these conditions has been fulfilled:

A full line has been buffered (lines are terminated by paper motion or the attempt to place a character to the left of the previous character); or

The printer mechanism is idle when characters are in the buffer.

6.3

Primary Power

The 35 CPS Printer, as supplied from Datapoint, is to be operated at 120 VAC, +10/-15% at 60 Hz. However, it is field configurable for operation with input voltage of 100, 120, 220, or 240 VAC +10/-15% at a frequency of 47 to 63 Hz. The printer draws 4 amps at 120 VAC, 60 Hz.

7.0

OPTIONS

The following field-configurable options are available from Datapoint Corporation. Refer to the Datapoint Supplies Catalog (Document No. 80000) and the Datapoint Supplies Price List and Order Forms (Document No. 80001) for complete supply information.

1. Several primary input power source configurations (see Section 6.3, Primary Power).
2. Operation at 9600 or 1200 baud. (The printer is shipped programmed to operate at 9600 baud; 1200-baud operation is initiated only by Datapoint Customer Service.)
3. Tractor feed option, Model Code 0087. (Stand, Model Code 0554, is recommended with tractor feed option.)
4. Stand, Model Code 0554. The stand is highly recommended for any application.
5. Cut-Sheet Feeder, Model Code 0245. Automatically feeds two different types of single-sheet paper; suitable for unattended operation.
6. Forms Insertion Guide, Model Code 0527. Automatically aligns and feeds single sheets into the printer.
7. Plastic Printwheels (96 character):
 - Courier 72 (Model Code 80270)
 - Pica 10 (Model Code 80271)
 - Elite 12 (Model Code 80272)
 - Courier 10 (Model Code 80434)
 - Prestige Elite Legal 12 (Model Code 80436)
 - Courier Legal 10A (Model Code 80438)
 - Pica Legal 10A (Model Code 80439)
8. Metal Printwheels (88 character):
 - Pica 10 (Model Code 80684)
 - Titan Legal 10 (Model Code 80685)
 - Elite 12 (Model Code 80688)
 - Letter Gothic 12 (Model Code 80691)
 Metal Printwheels (96 character):
 - Titan 10 (Model Code 80696)
9. Ribbons
 - Mylar (Model Code 80681)
 - Nylon (Model Code 80682)
 - Mylar, extended life (Model Code 80699)
10. Paper

A variety of paper sizes, weights, and types is available (Model Codes 80579 through 80680). For further information, refer to the Supplies Catalog.

8.0

SHIPPING LIST

The following is a list of items shipped with the 35 CPS Character Printer:

Quantity	Item
1	9611 Printer Cable Assembly Kit (Model Code 0555)
1	Mylar Ribbon (Model Code 80681)
1	35 CPS Character Printer 9611 Product Specification (Document No. 61155)
1	Courier 72 (10 characters/inch) Printwheel (Model Code 80270)
1	35 CPS Character Printer 9611 Operator's Guide (Document No. 61154)

NOTE: Refer to this document for printer maintenance instructions.

NOTE: The above shipping list is for illustrative purposes and may be amended from time to time by Datapoint Corporation.



Warning: This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user, at his own expense, will be required to take whatever measures may be required to correct the interference.