



Tech Info Library

Color Plotter Model 410: Specifications (Discontinued)

I. Technical Specifications

1. Pens:

- a. Maximum active: 4 in head, software selectable
- b. Tips:
 - 1. Porous plastic for paper
 - 2. Fiber for transparency
- c. 8 colors: black, red, green, blue, violet, orange, gold, brown
- d. Liquid ink
- e. Velocity:
 - 1. Each axis: Pen up or down, max. 10 cm/sec (3.94 in./sec)
 - 2. Programmable: 1 to 10 cm/sec in 1 cm/sec increments
 - 3. Both axes driven to 45 degree line: Max. 14.12 cm/sec (5.56 in./sec)

2. Plot:

- a. Maximum: X axis: 391.8 mm (15.4 in.); Y axis: 257 mm (10.1)
- b. Minimum width: 115 mm (4.6 in.)
- c. Resolution: Smallest addressible step size: 0.1 mm (0.004 in.)
- d. Repeatability:
 - 1. With one pen: 0.2 mm (0.008 in.)
 - 2. Between pens: 0.4 mm (0.016 in.)
- e. Method: X-axis paper motion with Y-axis pen motion
- f. Driving method: Stepper motors
- g. Relative position accuracy: $\pm 1\% + 0.3$ mm

3. Media:

- a. Paper or Apple Plotter Transparency Film

b. 9 software-selectable sizes:

a. Vertical

--Inches

1. 8.5 x 11 ANSI Size A
2. 11 x 17 ANSI Size B

--Millimeters

3. 297 x 420 DIN/JIS A3
4. 210 x 297 DIN/JIS A4
5. 250 x 353 DIN/JIS B4
6. 176 x 250 DIN/JIS B5

b. Horizontal

--Inches

1. 11 x 8.5 ANSI Size A

--Millimeters

2. 297 x 210 DIN/JIS A4
3. 250 x 176 DIN/JIS B5

c. Thickness:

	mm	in.
1. Maximum:	0.05	0.002
2. Minimum:	0.8	0.031

4. Seven Language font sets

- a. English (U.S.)
- b. English (U.K.)
- c. German
- d. French
- e. Italian
- f. Swedish
- g. Spanish

5. Front panel controls:

- a. Operate/Free (LED and switch)
- b. Remote/Local (LED and switch)
- c. Pen Select (switch - local mode only)
- d. Pen Up/Down (switch - local mode only)
- e. Pen Movement (switches - up, down, left, right)
- f. Clear (switch - Free mode only)
- g. Self test (switch - Free mode only)

6. Power requirements:

- a. 103.5-126.5 V 57-63 Hz
- b. 200-250 V 48-52 Hz
- 33 watts maximum consumption

7. Interface:

- a. RS-232C asynchronous serial ASCII
- b. Hardware handshaking
- c. Switch-selectable baud rates:
75, 150, 300, 600, 1200, 4800, or 9600
- d. Data format: 7 or 8 bit (switch selectable)
- e. Stop Bit: None, 1 1.5 or 2 (switch selectable)
- f. Parity: None, odd, or even

8. FCC Certification: Class B computing device

9. Physical

	mm	in.
Height:	122	4.8
Width:	412	16.2
Depth:	300	11.8
	kg	lb.
Net:	6	13.2
Shipping:	10	22

10. Environmental requirements

a. Temperature

	Degrees	
	Fahrenheit	Celsius
1. Operating:	41 to 104	5 to 40
2. Storage:	-4 to 149	-20 to 65

b. Humidity: 20 to 80% relative humidity at 40 degrees Celsius

II. System Configuration

- 1. Computer: Apple II Plus, Apple IIe, Apple IIc, Apple III

a. For Apple II Plus and IIe:

--disk drive

--Super Serial Card

2. Video display

3. Apple Business Graphics users must have a driver installed with a PIK (Printer Interface Kit) disk.

Copyright 1986, 1992, Apple Computer, Inc.

Keywords: SPECSHT

=====

This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 1991