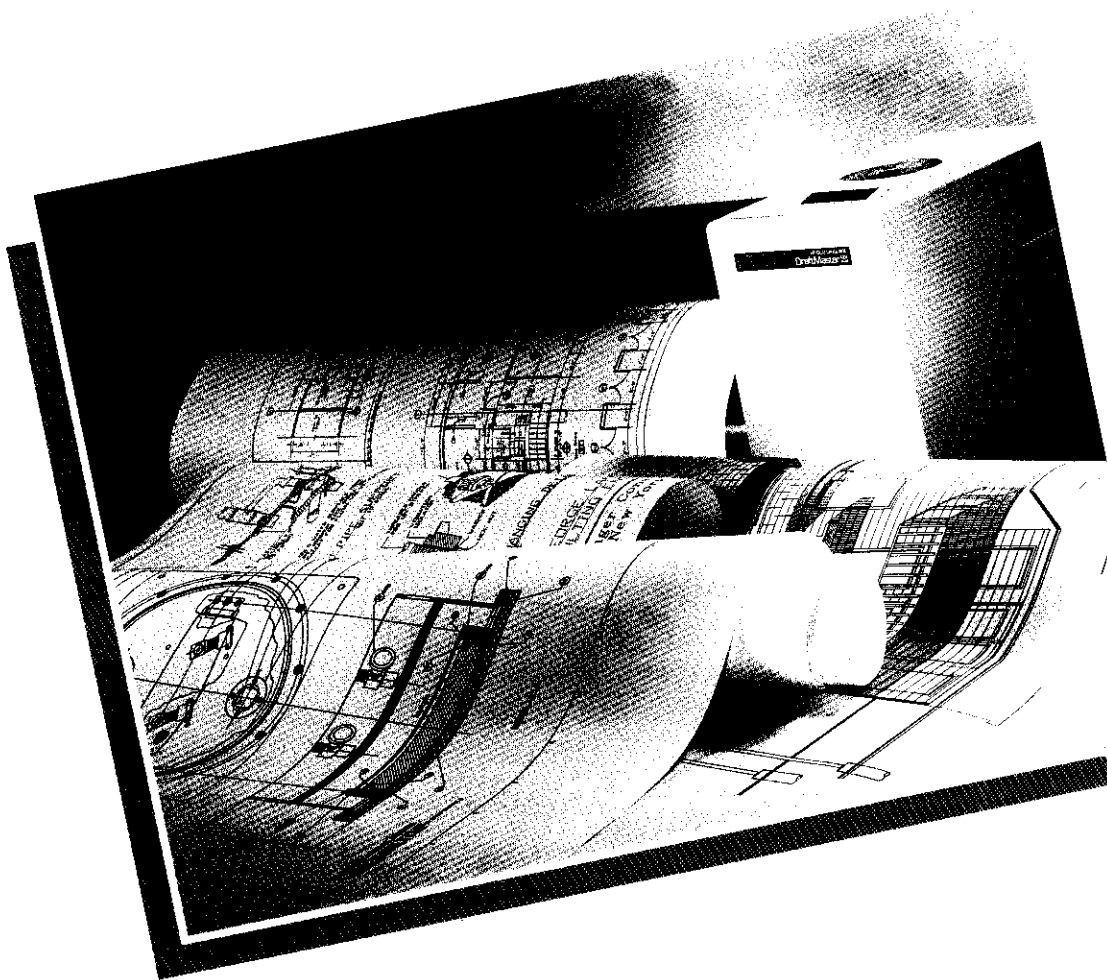


HP SurePlot Drawing System



An exceptional technological
advance for the HP DraftMaster Plus
plotter family





Upgrade kits

Upgrade kits provide a path for your future needs. Kits are available to upgrade an HP DraftMaster SX Plus to an RX Plus and an RX Plus to an HP DraftMaster MX Plus plotter. User-installable accessory kits are also available for an optional takeup reel and a replacement cutter blade. With optional upgrade kits, first-time pen plotter buyers will find that these durable, full-featured plotters will continue to meet their growing needs.

Automatic media cutter

The HP DraftMaster RX Plus and MX Plus plotters feature roll-feed media and an automatic single-axis cutter that cuts plots automatically through software commands or manually via a front panel control button. The automatic cutter has an easy-to-replace, self-sharpening blade that is designed to last for over 5,000 cuts.

HP-GL/2 graphics language

All HP DraftMaster Series plotters implement the HP-GL/2 graphics language, which substantially reduces file transmission time freeing up your computer quickly. An HP-GL mode is provided for software packages that do not support HP-GL/2.

Three-year on-site warranty

When you buy Hewlett-Packard products, you can expect prompt and thorough service and support. HP backs all its large-format pen plotters with a three-year onsite warranty and low on-site service contract prices. In spite of the lowest maintenance costs in the market, your HP service engineer is only a phone call away.

Plotter media tray

The main features of the HP DraftMaster Plus Series plotters

- HP SurePlot Drawing System
- 5.7g acceleration
- HP-GL/2 and HP-GL graphics languages
- Handling A4 through A0 and oversize media
- 1MB buffer (20MB on MX Plus plot spooler)
- Automatic cutter and media tray
- Three-year on-site warranty

Ordering Information

7595C	HP DraftMaster SX Plus plotter
7596C	HP DraftMaster RX Plus plotter
7599B	HP DraftMaster MX Plus plotter
17625A	Take-up reel
17624A	SX/RX upgrade kit
17627A	RX/MX upgrade kit
17626A	Automatic cutter

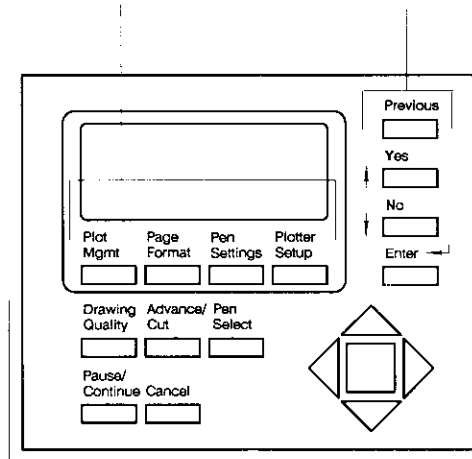
Ease of use

The menu access buttons display the four main plotter menus.

The display buttons review and confirm menu selections.

New front panel

The HP DraftMaster Series plotters are equipped with an easy-to-read vacuum-fluorescent display which can conveniently be read from any angle. Providing scrollable menus in five national languages, the front panel is simple to use and enables you to rapidly access the entire functionality of your plotter. The direct access keys are designed for efficient optimization of plot quality, pen selection and media cutting.



The immediate action buttons give you fast access to specific plotter features.

The pen-control buttons move a pen or digitizing sight.

Quick Reference for HP DraftMaster SX Plus, RX Plus, and MX Plus plotters

Front-Panel flowchart summary

Status display ————— Main menu

Plot Mgmt.	Page Format	Pen Settings	Plotter Setup	Preference	Demo
Jobs*	P1	Groups	Widelines	Language	
Restart Plot	P2	Qualify Pens	Overlay	Beeper	
Next Plot*	Align	New Pens	Autopause	Flash Rate	
Save File*	Transform	Set Pens	Serial	Brightness	
Draw File*	Rotate	Speed	Baud Rate	Units	
Delete File*	Mirror	Force	Dataflow	Decimal Sign	
Copies	Plot Scaling	Thickness	Parity	Parsing Errors	
Reset	Long-axis	Pen Verfier	Handshake		
Reset	1.6 meters	Verfier Mode	Bypass		
File Timeout	Frames	Error Recovery	Monitor Mode		
		Verfier Rate	Duplex		
	Expand	Pen Distance	Autodisconnect		
	Drawing Size	Distance Mode	HP-IB		
	Manual Cut	Max. Distance	Address		
	Auto-Cut	Reset Config.	Talk State		
	Nest	Pen Status	Memory		
	Trim	Pen UP/Down	Graphic Lang.		
		Pen Sorting	Calibrate		
			Fall Delay		
			Quiet Mode		
			Factory Reset		
			New Cutter		
			Format Disk*		
			Verify Disk*		

* This menu option is available only on the HP DraftMaster MX Plus plotter.



HP "SurePlot Drawing System"

An exceptional technological advance

The HP SurePlot Drawing System is designed to efficiently improve plotting quality. The system prevents or detects and corrects the most common problems inherent in pen plotters, such as clogged pens or line contrast failure. Your plots have fewer defects and you spend less time at the plotter.

Features of the HP "SurePlot Drawing System"

Optical line sensor

A key feature of the HP SurePlot Drawing System is the optical line sensor that periodically senses plotted lines, measuring the difference in contrast between a benchmark for each pen and plotted point. Using the contrast measurement, the sensor detects missing lines due to clogged or empty pens. The plotter corrects the problem by picking a fresh pen and retracing the plot from the last good verification point.

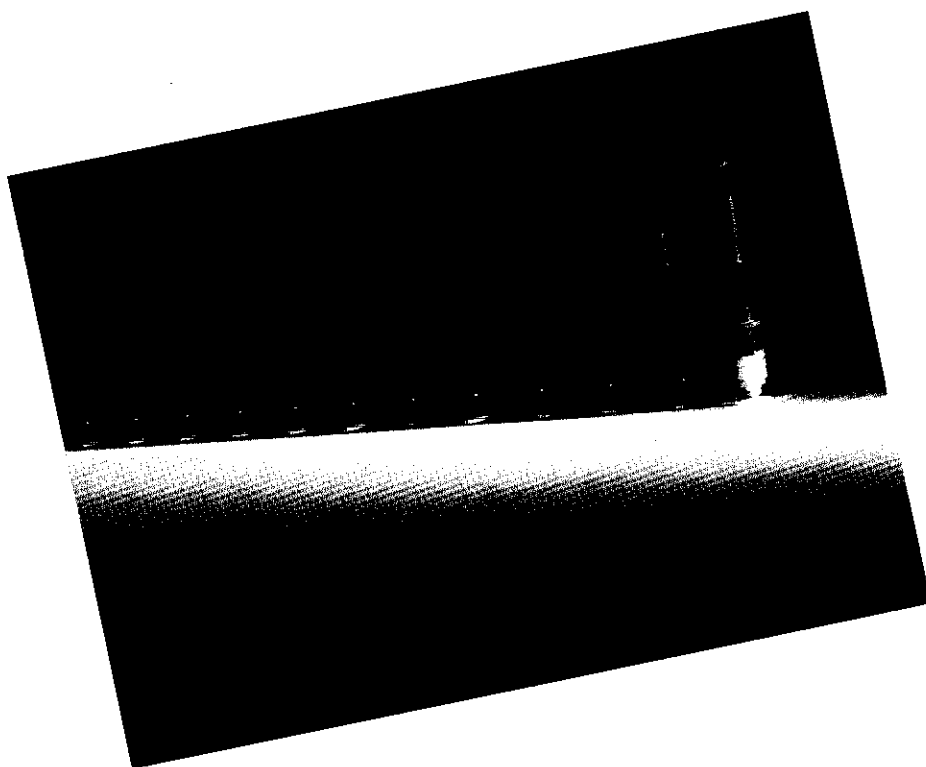
Pen distance monitor

This feature can prevent pen exhaustion as it checks the distance plotted by each pen and will automatically change pens as programmed to do so. The interval or maximum plotting distance a pen can travel is set by the user via the front panel controls. Pen grouping enables you to preselect replacement pens.

Benefits

The HP "SurePlot Drawing System" yields high-quality plots every time - any time.

Tests with comparable pen plotters produced the highest number of good plots with 50 percent less user attendance.





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local HP sales office or representative:

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