

I/A Series® Hardware Color PostScript Printer



The Color PostScript Printer is a cut-sheet printer that provides high-quality workstation PostScript Level 2 printing and display color imaging for a permanent record of plant/process reports and displays.

HIGH PERFORMANCE

The Color PostScript Printer provides PostScript Level 2 printing and high-resolution multi-color printing sourced from 50 Series or 70 Series Application Workstation Processors, and Workstation Processors. It can also be used for general purpose printing of logs and is preferred in applications where quiet operation is desired.

Full-screen displays can be printed on regular paper or, for highest-quality results, on glossy paper which is specially designed for use with the Color PostScript Printer. Displays can also be copied from a

workstation display to an overhead transparency. Print cartridges are installed quickly, easily, and cleanly.

OPERATION

A menu selection on the Workstation Processor, Application Workstation, and Personal Workstation, allows you to select the PostScript printer as the device to which display screen images are sent when a printscreen is requested. Display copies may be requested from an X Terminal with X Server software and remote I/A Series Display Managers.

The entire screen image or a selected window image can be captured in a buffer. Screen images require less than five minutes to print on a moderately busy system.

Color PostScript Printer activity occurs independently of normal display operation. As a result, the operator

can access new displays at any time, excluding the image capture time.

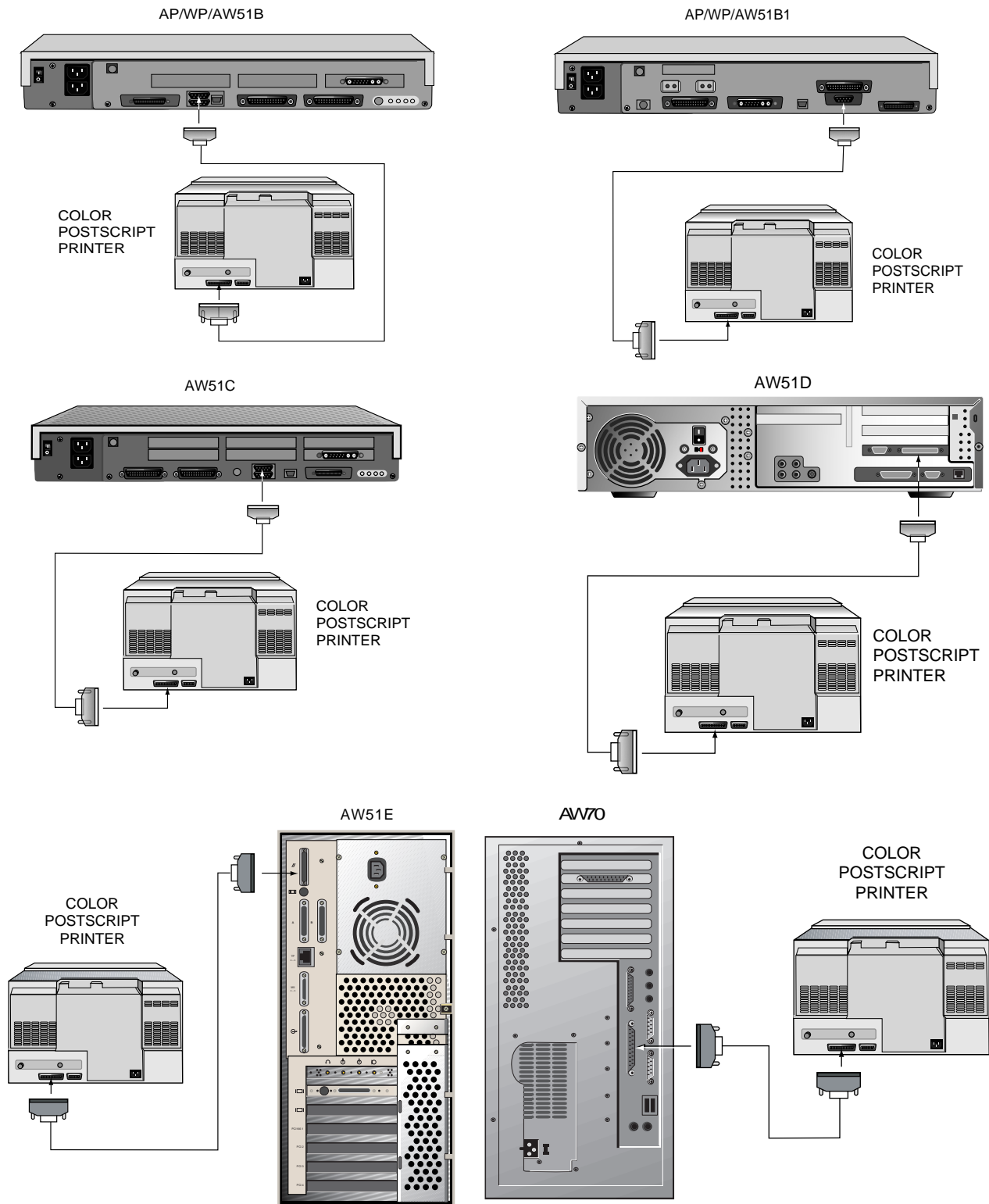


Figure 1. Color PostScript Printer Connections to 50 Series and 70 Series Workstations (Typical)

FUNCTIONAL SPECIFICATIONS

Printing/Imaging Technology

Plain paper, drop-on-demand thermal ink-jet printing

Color Rendering Technology

HP ColorSmart

Resolution

Up to 600 x 600 dpi black

Up to 300 x 300 dpi color

Print Engine Maximum Speed

Up to 9 ppm black text

Up to 1 ppm color graphics

Memory

6 MB

Ink-Jet Printing Mechanism

Four disposable print cartridges: one each of black, cyan, magenta, and yellow. Out-of-ink sensing stops printing.

Connectivity

IEEE 1284 parallel interface or asynchronous

RS-232-C at 9600 baud requiring external serial-to-parallel converter box and associated cables for Communications Processor

Languages

HP PCL 5C and Adobe PostScript Level 2

Media

TRAY CAPACITY INPUT

Up to 180 sheets of plain paper

TRAY CAPACITY OUTPUT

Up to 100 sheets of plain paper

SIZES

Letter, A4, legal

TYPES

Cut-sheet plain paper, transparencies, cut-sheet special, and glossy paper

WEIGHTS OF PAPER

16 to 24 lb (60 to 90 g/m²)

Scalable Typefaces

MICROSOFT WINDOWS

35 Intellifont,

10 True Type,

35 Adobe PostScript Type 1 typefaces

PHYSICAL SPECIFICATIONS

Width x Depth x Height

20 x 17.5 x 11.25 in (508 x 444.5 x 286 mm)

Weight

27 lbs (12.25 kg)

ENVIRONMENTAL SPECIFICATIONS

Temperature

OPERATING WITH PENS AND MEDIA

15 to 35°C (59 to 95°F) at 20 to 80% relative humidity

NON-OPERATING, PRINTER STORAGE

-45 to +65°C (-40 and +149°F) at 5 to 95% relative humidity

NON-OPERATING, CARTRIDGE STORAGE

-40 to +60°C (-40 and +140°F)

Output Noise

OPERATING

49 dB

ELECTRICAL SPECIFICATIONS

Line Voltage

100 to 240 V ac, ±10%

Line Frequency

50 or 60 Hz

Power Consumption

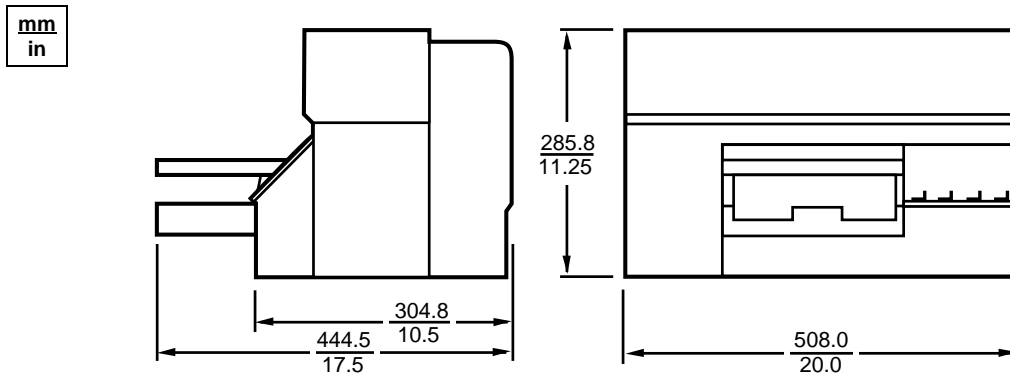
PRINTING

250 W, maximum

STANDBY

180 W

DIMENSIONS – NOMINAL

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