



ProPalette 8045 Digital Film Recorder

Factory optimized for the highest level of 4x5 inch (large format) performance ever

New!



Polaroid is pleased to introduce its most-advanced 4x5 digital film recorder ever. Each ProPalette 8045 incorporates advanced optics and electronics and is *individually optimized and matched* to a specific camera at the factory. The ProPalette 8045 offers superb 8000-line image sharpness, size, location, geometry and color saturation. The result is 4x5 images with a level of color and accuracy that make them virtually indistinguishable from optically exposed film.

New ProPalette 8045 Digital Film Recorder from Polaroid

The ProPalette 8045 is Polaroid's most-advanced 4x5 digital film recorder ever. A part of Polaroid's new 8K Series of digital film recorders, the 8045 meets the needs of demanding photo labs and professionals, raising 4x5 color film recording to a new level of quality and reliability.

A Part of Polaroid's New 8K Series

Polaroid's new 8K Series of digital film recorders are factory-optimized and matched to a specific camera-back at the time of manufacture. Using Polaroid's exclusive Digital Alignment Station, critical adjustments are performed by Polaroid to obtain ideal match-ups between film recorders and accessory cameras.

4x5 Output That's Easy and Reliable

The ProPalette 8045 offers professional-quality, continuous-tone 4x5 output from Windows 95, 98, NT, Macintosh and other computer platforms. Positive, negative and instant 4x5 films can be used. An Adobe Photoshop export plug-in module provides fast and convenient imaging of Photoshop files, as well as other image-processing packages. The 8045 can be networked with Graphx RasterPlus for Windows, and RasterPlus for Macintosh.

Breakthrough Technology

The ProPalette 8045 incorporates state-of-the-art imaging technology. Custom optics with dichroic filters offer minimized spot size with maximized color saturation. A high-resolution, precision 7" CRT renders superb image sharpness and purity. Auto-Luma/Auto-Chroma digital circuitry automatically adjusts brightness, luminance and color balance. Digital geometry correction ensures exacting straight lines and perfect circles. Dynamic focus circuitry automatically adjusts the focus of the electron beam for consistent sharpness and clarity over the entire film area. 24-bit images with 36-bit color depth per pixel, and 16.8 million colors from a palette of 68 billion colors mean smooth backgrounds and vivid, accurate colors.

8,000-line Continuously Variable Resolution

The ProPalette 8045's 8,000-line continuously variable resolution means that your images are optimally recorded in their native, scanned resolution. There is no inherent image degradation as exhibited in lower resolutions, and no time-consuming image interpolation and decimation is required. Fine detail is faithfully reproduced, and images are rendered with the ultimate in precision, even down to shadows and subtle color gradations.



Your ProPalette 8045 purchase also includes a free factory-optimized and matched 35mm camera back. A \$595 suggested list value!

Palette ColorTune Software Version 2

This robust software, included in both Macintosh and Windows software accessory kits, has been designed specifically for ProPalette 8K Series film recorders. ColorTune software matches the image appearing on the user's monitor to the final output created on the ProPalette 8045. This allows more accurate previewing when making critical adjustments to color and tone scale.

Includes 35mm Camera Back

The ProPalette 8045 includes a 35mm camera that has also been factory optimized for this format. The 8045 can be easily expanded to produce 6x7 output by purchasing the appropriate accessory camera.

The Ideal Solution for a Range of Applications

The ProPalette 8045 represents a new standard in price and performance. It's the ideal solution for photo labs, demanding professional photographers and anyone who needs detailed 4x5 output, faithfully rendered by a reliable, easy-to-operate digital film recorder.

For More Information

Polaroid backs the ProPalette 8045 with a limited one-year warranty and customer assistance toll-free number (extended warranties available). To learn more about the ProPalette 8035 (or any Polaroid product), call your authorized Polaroid representative or dealer. Contact Polaroid at **1-800-353-5000** or visit the Polaroid Web site at **www.polaroid.com**.

Specifications

Optics

Custom 43.53mm f/6, 6-element glass lens. Glass dichroic filters. Custom high-resolution 7-inch CRT with anti-reflection and anti-static coating

Image precision

Automatic exposure and color balance control. Geometry correction. Dynamic focus circuitry

Image quality

Any resolution up to a maximum of 8192 horizontal x 6702* vertical pixels.

* Maximum vertical resolution (in pixels) varies with film/camera format: 5460 for 35mm film, 6370 for 4x5* film, and 6702 for 120 film (medium format 6x7 cm).

Color depth

36 bits per pixel (12 bits per color) 16.8 million colors per image mapped from a palette of 68 billion colors

Cameras

Factory matched 4x5 and 35mm cameras included

LCD information display

20 character by 2-line interactive LCD display, 4-button command keys

Memory

4MB DRAM for printer memory, 512KB flash memory for firmware and camera optimization data storage

Hardware compatibility

PC environment: Pentium class 150MHz or faster processor, 32 MB of RAM (64MB for Windows NT), 15MB program and 30MB swap disk space, running Windows 95, Windows 98, or Windows NT. DOS required for firmware upgrade utility. Parallel port or SCSI adapter card required.

Macintosh environment: Palette for Macintosh: 68K based Macintosh computer with System 7.1 or higher, SCSI interface

RasterPlus for Macintosh: Mac OS 7.5 or later, PowerPC class processor, 40 MB of RAM, 10 MB of program and 30 MB of hard drive space

Unix environment: Supported through third-party manufacturer.

Postscript compatibility

RasterPlus for Windows software provides Level II PostScript compatibility, RasterPlus for Macintosh software provides Level III PostScript compatibility.

Network printing

Supported via software drivers on Macintosh and Windows systems

Hardware interface

Parallel and SCSI (adapter card required for Windows systems)

Optional cameras

6x7 cm (120/220) camera and bulk film 35mm camera adapter available from Double M. All cameras are optionally available for all ProPalette 8K models.

Power source 90-240 VAC, 50-60 Hz

Power consumption Under 45 Watts

Environment Temperature: 50° to 100°F (18° to 38°C)
Storage temperature: -20° to 160°F (-29° to 71°C)
Relative humidity: 5 to 90% non-condensing

Dimensions 11 x 28 x 8.5 in. (28 x 71 x 21.6 cm)

Weight 34 lbs. (15.4 kg) with 35mm camera

Certifications UL, FCC, TUV, C-UL, CE, C-Tick and EN55022 certification

Warranty One-year parts and labor by manufacturer. Extended warranty options available.

Specifications subject to change without notice.

If your ProPalette 8K Series Film Recorder doesn't meet your expectations, for any reason, return it to Polaroid for a full refund within 30 days of the date of purchase.

TOTAL
SATISFACTION
Guarantee
POLAROID