

Personal LFR Plus

For Desktop 35mm Slide Production



Now, corporate, medical, and business professionals can produce sharp, high-quality 35mm slide presentations at an affordable cost. Producing slide presentations with vibrant color and fine detail is quick, easy, and cost effective with Lasergraphics' Personal LFR Plus™ digital film recorder.

Enhanced Image Quality

- High resolution 4-inch CRT.
- Refined CRT pixel spot size for clearly defined small text and fine detail.
- 2K and 4K resolution.
- Accurate computer-adjusted geometry and linearity guarantee images that are distortion free and precisely positioned.
- Full 33 bits of color per pixel for smooth color sweeps.
- Self calibrating, consistent quality output.

Fast, Real-World Imaging Speed

- Sixty-second imaging speed - one third the time of its closest competitor.
- 60 typical 35mm business slides can be produced in just one hour.
- High speed imaging of large raster files: 10MB raster file at 4000-line resolution in one minute, three seconds.*
- Dramatic increase in throughput using Lasergraphics' RascolPort™ on a PC.

* Personal LFR Plus with optional 2MB of memory tested with Pentium 90MHz using optional Lasergraphics' RascolPort, and Power Macintosh 8500/120.

Custom-Designed Camera Back

- Fixed 35mm SmartBack™ camera assures exceptional optical alignment.
- Highly automated:
 - Operates only when film is properly loaded.
 - Retains valid status information with power off.
 - Rewinds automatically at end of film, with early rewind capability.
- Sixteen-character display provides status information for efficient project planning: Frames left, frames exposed, film recorder status, and much more.

Multiple-Platform Compatibility

- The Personal LFR Plus is fully compatible with Macintosh, Power Macintosh, Windows NT, Windows 95, and Windows 3.1.
- Set-up: Connects directly to a standard Macintosh SCSI connector or to a PC using Lasergraphics' RascolPort or the standard parallel port.
- Easy to install and operate.

To see us is to believe us!



Specifications of the Personal LFR Plus Digital Film Recorder

Addressable Resolution

- 2000 lines (2048 x 1365 addressable pixels)
- 4000 lines (4096 x 2731 addressable pixels)

Color Resolution

- 33 bits per pixel. Creates 24-bit images with 33 bits per pixel precision.
- 16.8 million colors per image out of a 8.6 billion color palette.

Supported Film Types

- Custom film look-up tables for various Kodak and Fuji positive and negative films.
- Lasergraphics' FullCircle™ Calibration software can be used when imaging with negative film. FullCircle makes high-quality prints that look just like the originals from scans, transparencies, and photo CDs.



Lasergraphics' Custom-Designed SmartBack Camera

- 100% Lasergraphics custom-designed and manufactured camera back.
- Custom-designed fully coated optics for optimum performance.
- All lenses are computer focused for optimum image clarity.
- Sixteen-character display for operator convenience.
- Operates only when film is properly loaded.
- Retains valid status information with power off.
- Highly optimized to operate with Lasergraphics' Personal LFR Plus.

Power Requirements

- 90-250V ~50/60Hz 2A

Environmental Characteristics

- Temperature: 15°C to 30°C.
- Humidity: 15% to 85% relative humidity non-condensing.

Physical Parameters

- 9"H x 10"W x 20" L, 33 lbs. (22.9 cm x 25.4 cm x 50.8 cm, 15 kg) without camera.

Warranty

- One year parts and labor. Extended warranty available.

Lasergraphics Image Management Software

WinRascal™ Software

- Compatible with Windows NT, Windows 95, and Windows 3.1.
- Raster formats can be added directly to the WinRascal print manager. These include TARGA, TIFF, and PSD (Adobe Photoshop format) file formats.
- Windows applications can print directly to the WinRascal print manager using Lasergraphics' printer driver.
- BLL (Binary Lasergraphics Language) files created using Lasergraphics' BLL driver on PC or Macintosh computers can be added directly to the WinRascal print manager.
- PostScript compatible through the Lasergraphics RISC Rascal Plus (hardware option), or imageworx™ for Windows.

MacRascal™ Software

- Macintosh OS 7.x or later recommended.
- Raster formats can be added directly to the MacRascal Queue Builder. These include TARGA, TIFF, and PSD (Adobe Photoshop format) files.
- Macintosh applications can print directly to the MacRascal Queue Builder using Lasergraphics' chooser level driver.
- Macintosh PICT 1, 2, Scrapbook, and Clipboard can be added directly to Lasergraphics' MacRascal Queue Builder.
- BLL (Binary Lasergraphics Language) files created using Lasergraphics' BLL driver on PC or Macintosh computers can be added directly to the MacRascal Queue Builder.
- PostScript compatible through the Lasergraphics RISC Rascal Plus (hardware option), or Film Magic Pro software for the Macintosh.

Supported Networks

- AppleTalk
- Banyan Vines
- Windows for Workgroups
- Windows 95/NT
- LAN Manager
- NFS
- Novell Networks
- Other (any other that offers DOS/Windows client access)

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