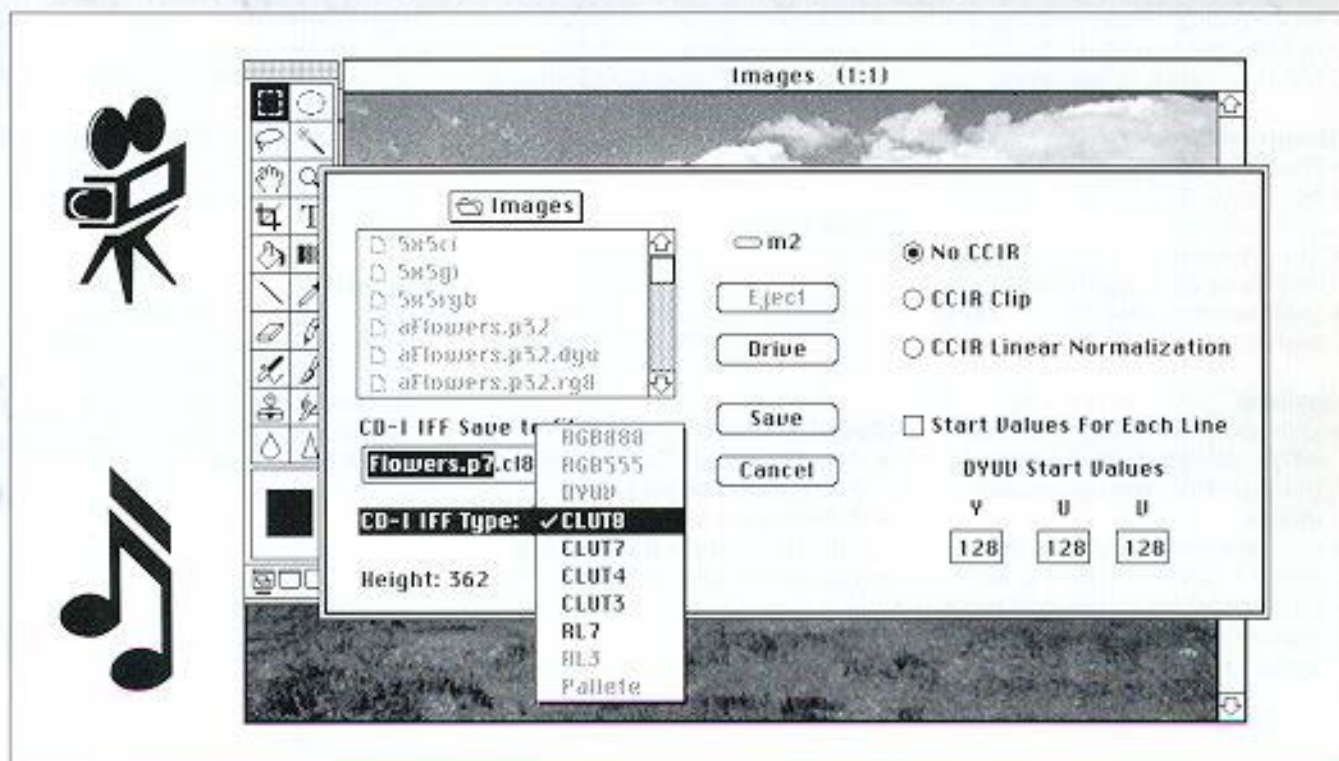




## Image and Audio Conversion

for SUN<sup>®</sup> Workstations, Macintosh II<sup>®</sup>, or PC compatible computers



### Top quality utilities for converting image/audio data into CD-I compatible formats

- Image conversion to and from CD-I compatible formats, from many popular paint and image manipulation programs
- Dithering and CLUT manipulation available for maximum image quality
- OptImage's *CD-I Plug-Ins* and Adobe Photoshop<sup>™</sup> software work with the Apple<sup>®</sup> Macintosh for image conversion to CD-I from TGA, TIFF, PICT, GIF and many other file formats
- PCM editing capability prior to conversion to ADPCM
- Audio conversion from AIFF PCM input to ADPCM format (level A, B or C) for direct use on CD-I applications (stereo and mono)



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## IMAGE CONVERSION UTILITIES (ICU)

### Features

- The ICU package is a complete suite of utilities that can convert image files to and from CD-I compatible formats, including CLUT4, CLUT7, CLUT8, DYUV, RL7 and RL3
- Conversion of files possible from RGB888, Targa, PICT8, PICT32 or Vista formats
- Files can be taken from many popular computer graphics packages for use in a CD-I application
- Individual or batch files can be quickly converted to the CD-I IFF International standards

### Requirements

- IBM® PC 80386 or compatible
- Windows 3.0 and a minimum of 4 MB RAM
- The Macintosh® requires MPW and its shell programme
- SUN series 3 and 4, O.S. 4.0 or higher

### Options

- Dithering and CLUT manipulation options for maximising the quality of the converted image
- Full screen conversions plus ability to extract rectangular portions of an image and for scaling an image in both height and width

## Adobe PhotoShop™ Plug-in OPTIONS are available on the Macintosh®

- A complete software package for CD-I image production from scanner to CD-I destination format, using all of the creative tools of Adobe Photoshop™
- *CD-I Plug-Ins* allows for easy manipulation and graphics conversion using the user-friendly dialogue boxes of the Macintosh®
- Photoshop's flexibility retained in colouring, enhancement, blending, masking, screening and filtering
- Slide and flat art scanners can also be used with Adobe Photoshop™ and CD-I Plug-Ins
- Package includes Adobe Photoshop™ Plug-Ins software and full documentation

### Conversions

- Convert Macintosh® and other file formats to CD-I RGB555, RGB888, CLUT3, CLUT4, CLUT7, CLUT8, RL7 and DYUV files

### Requirements

- Any Macintosh® with a 8-bit or 24-bit video display card
- A minimum of 2 MB RAM, Apple® System 6.05 or later
- Adobe Photoshop™ software

## AUDIO CONVERSION UTILITIES (ACU)

### Features

- The ACU package accepts AIFF PCM audio file as input and outputs the file in ADPCM format for direct use on CD-I applications
- All three CD-I sampling rates - A, B, or C level in either stereo or mono - can be produced
- Editing capabilities for revising the PCM file prior to conversion to ADPCM
- Batch edit utilities

### Requirements

- PC 80386 or compatible, Windows 3.0 and a minimum of 4 MB RAM
- The Macintosh II® requires MPW and its shell programme
- SUN series 3 and 4, O.S. 4.0 or higher

### Options

- The Digidesign hardware and software sound tools package for the Macintosh® are available separately for the capture and editing of AIFF PCM audio files

Developed in cooperation with



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