

# Diaquest 3D/AV™

## A Digital Video Studio Inside 3D Studio MAX™

3D/AV™ is an integrated plug-in set that creates a video studio inside of 3D Studio MAX™. 3D/AV allows artists to merge broadcast quality, full-motion digital video and audio with 3D animation.

Integrated with Truevision Targa DVR series cards (Targa 2000SDX/RTX/DTX, Targa 2000 and Targa 1000), 3D/AV provides a complete solution for cost-effective video-graphics production on the desktop.

3D/AV supports the capture of video and CD quality audio directly to the computer hard drive. Digitized AV movies are compatible with MAX and can be immediately integrated into 3D production.

3D/AV delivers real-time performance while maintaining perfect synchronization of video, audio and 3D elements throughout the production process. 3D/AV makes it easy and affordable to create 3D animation using motion texture maps, video rotoscopes and layered elements.

3D/AV software creates a virtual digital disk recorder inside your computer using standard fast hard drives and the NT file system. The AV/Digital Disk is synchronized to MAX's viewport enabling the design of sophisticated video effects.

3D/AV accelerates the digital compositing of video and 3D graphics and is used to create full resolution video motion tests for animation preview. Final 3D rendering is displayed in NTSC or PAL formats in the correct aspect ratio, color and brightness for professional video production.

The AV Digital Disk plays finished animations in real-time, for previewing and recording broadcast quality animation to video. Professional RS-422 VTRs are remotely controlled for frame accurate capture and layoff to videotape.

3D/AV enhances production workflow and provides flexibility for animators working on the desktop to create broadcast 3D animation and digital effects.

### KEY FEATURES

- ✓ Real-Time Audio/Video Capture
- ✓ Real-Time Audio/Video Recording
- ✓ Synchronized Audio/Video/Graphics
- ✓ AV Virtual Digital Disk Recorder
- ✓ Accelerated Digital Compositing
- ✓ Animation Motion Tests
- ✓ Broadcast Video Rendering
- ✓ Video Rotoscoping and Effects
- ✓ Moving Video Texture Maps
- ✓ Audio Integration with 3D Animation
- ✓ Broadcast Animation Recording
- ✓ RS-422 VTR Control
- ✓ NTSC and PAL

### SUPPORTED VTRs

Diaquest products support most professional RS-422 9-pin serial decks having built-in SMPTE/EBU time code, including:

**Betacam** - Sony UVW-1800, PVW-2800, BVW-75/70

**Digital Betacam** - Sony DVW-A500/500

**MII** - Panasonic AU-65H/65, AU-60

**DVCAM** - Sony DSR 85/80

**DVCPRO** - Panasonic AJ-D750

**S-VHS** - Sony SVO-5800, JVC BRS822/S800

Please contact Diaquest for a complete list of supported VTRs.

