

# COMPUTER GENERATED HOLOGRAMS



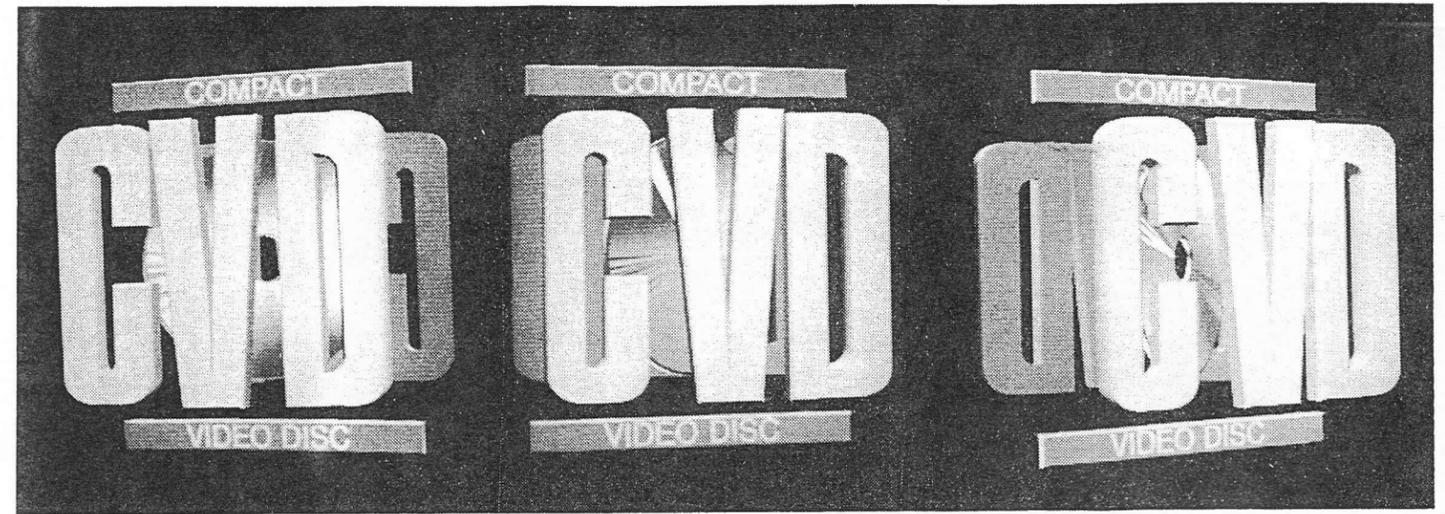
## COMPUTER GENERATED HOLOGRAM

### "SIGGRAPH LOGO"

This holographic image was created and produced for Siggraph 87' by Sharon McCormack, utilizing state of the art computer technology and translated into holographic form by way of a custom, laser based, optical printer. The computer graphics were produced by Advanced Entertainment Assoc. using a Cubicomp PictureMaker.

The process for creating the 360 degree "SIGGRAPH" hologram began with a computer graphic model. The model was designed for 360 degree viewing from Lorraine Nichol's 2-D Siggraph 87' Logo. This new 3-D model was then rotated about the central Y axis, and specially designed with holographic transfer in mind. Three views per degree of rotation, with a total of 1080 views, were generated. The data was then output to motion picture film, and, finally, transferred onto holographic film.

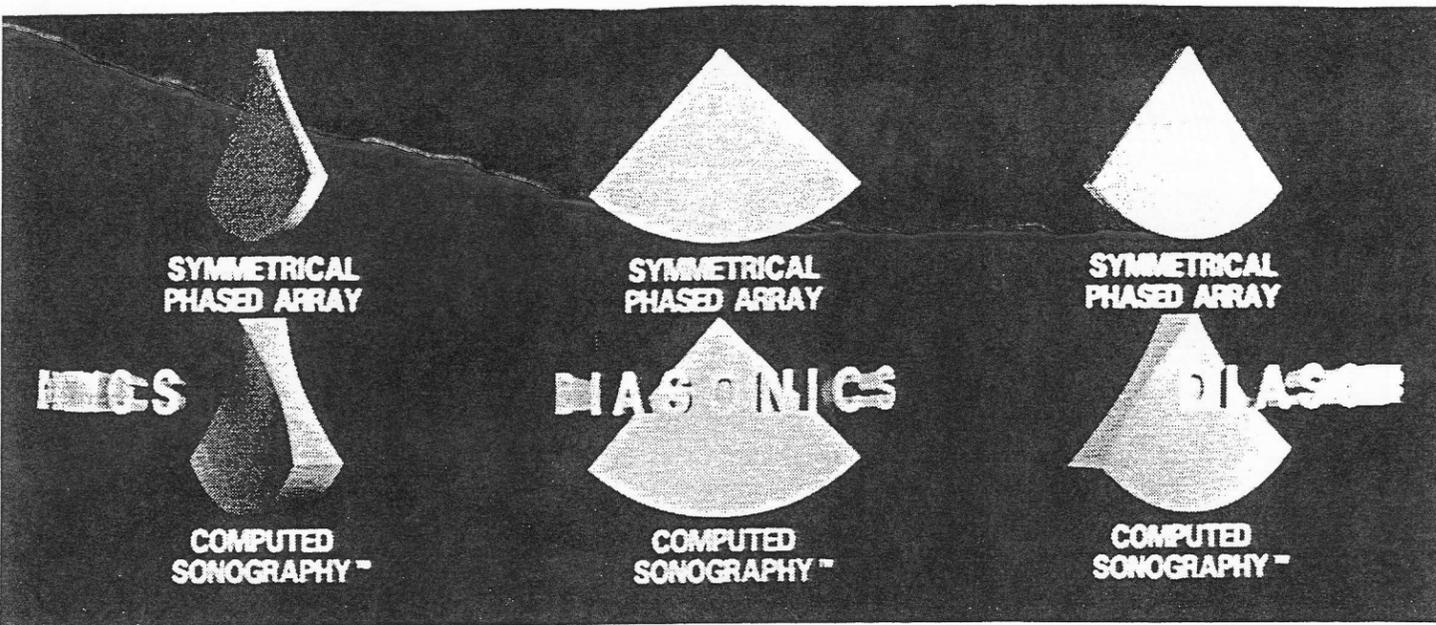
You can see this hologram in the Registration Lobby.



## INTEGRAL HOLOGRAPHY

This 360 degree holographic image was created and produced for "CVD" by Sharon McCormack, utilizing state of the art computer graphic technology and translated into holographic form by way of a custom, laser based, holographic optical printer. This new technology represents the ability to display true 3-dimensional computer graphic, as well as live action images, using holographic techniques.

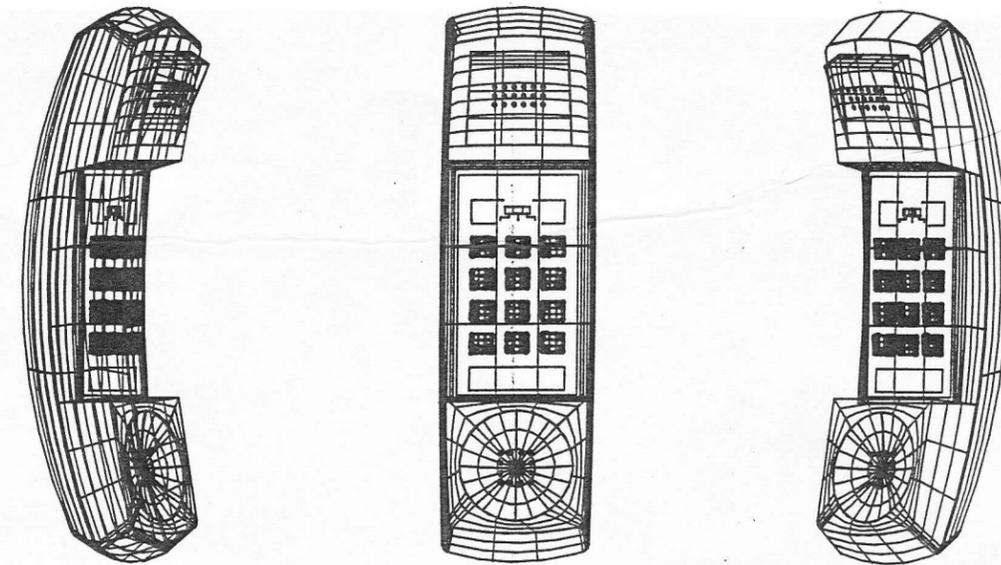
The process for creating the 360 degree "CVD" hologram began with a computer graphic model. The model was designed for a rotation path about the central Y axis, and specially designed with holographic transfer in mind. Three views per degree of rotation, with a total of 1080 views, were generated to create this integral form. The data was then output to 35mm motion picture film via film recorder and transferred onto holographic film.



### INTEGRAL HOLOGRAPHY

This hologram was produced for DIASONICS by Sharon McCormack, utilizing a custom built optical laser printer. This technology represents the ability to display true 3-dimensional images using holographic technology. Generated from motion picture film, integral holograms make it possible to record living things in motion, outdoor scenes, and computer graphic imagery.

The process for making the DIASONICS logo began with a computer graphic model. The model was designed for a rotation path about the image's central Y axis. Three views per degree of rotation, with a total of 1080 views, were generated to create this integral form.



### INTEGRAL HOLOGRAPHY

This holographic image was produced for MCS by Sharon McCormack, utilizing the state of the art computer graphic technology developed by MCS and translated with a custom laser based holographic optical printer. This new technology represents the ability to display true 3-dimensional images using holographic techniques.

The process for creating this image began with a computer graphic model. The model was designed for a rotation path about the central Y axis, and specially designed for holographic transfer. Three views per degree of rotation, with a total of 1080 views, were generated to create this integral form. The data was then output to 35mm motion picture film via film recorder and transferred into holographic media.