

Using Computers for Developing AV Materials

by

Karron G. Lewis

Center for Teaching Effectiveness

The University of Texas at Austin

For many years prior to the advent of accessible desktop computers, graphics for slides and overhead transparencies were laboriously produced by hand. Original drawings were made and then labeled using templates and india ink. Later, press-on letters gave visuals a more professional look, but it took *hours* to complete one overhead transparency.

Today, personal computers have revolutionized the way we make and use graphic images. Now, overhead transparencies can be made in minutes and color slides can be made directly from your computer screen. Your computer, when hooked to an LCD projection panel or projector, can be used like a slide projector. With some software programs, you can branch to different groups of "slides" or other applications to facilitate answering questions or to show examples. Movement and sound can be incorporated into some of the programs so actual videotaped segments can be shown.

Still pictures, text, motion, and sound can also be used in the development of computer assisted instructional programs. With these programs students are able to learn many things on their own, and the instructor becomes more of a tutor and is able to provide individual attention to students who need help or just want to discuss the subject matter with someone.

Without a doubt, the personal computer is revolutionizing the AV aids which are being used in today's classrooms. The following article describes some of the latest software and hardware which may be used to develop electrifying presentations. For additional information on the use of computers as AV aids, contact the Instructional Computing division of the Computation Center.

Products and Services

(The products and services listed below are mentioned in the following article. This list is provided for your information and not to promote any of these products.)

35mm Express Business & Professional Software 139 Main St. Cambridge, MA 02142	Charisma Micrographx Inc. 1303 Arapho Richardson, TX 75081	Hollywood Clarix Corp. P.O. Box 58168 5201 Patrick Henry Drive Santa Clara, CA 95052	Microsoft PowerPoint Microsoft Corp. 1 Microsoft Way Redmond, WA 98052
Action! MacroMind-Paracomp 600 Townsend St. San Francisco, CA 94103	CorelDraw Corel Systems Corp. 1600 Carling Ave. Ottawa, Ontario CANADA K1Z 8R7	Storyboard Live! IBM Desktop Software 472 Wheelers Farm Road Milford, CT 06460	Quatro Pro 4.0 Borland 1800 Green Hills Road P.O. Box 66001 Scotts Valley, CA 05067
Aldus Persuasion Aldus Corp. 411 First Ave. S. Seattle, WA 98104	CA-Cricket Presents Computer Associates International 711 Stewart Ave. Garden City, NY 11530	Lotus Graphics for Windows Lotus 1-2-3 Lotus Development Corp. 55 Cambridge Pkwy. Cambridge, MA 02142	SlideWrite Plus Advanced Graphics Software Inc. 5825 Avenida Encinas, Ste. 105 Carlsbad, CA 92008
Autodesk Animator Pro 2320 Marineship Way Sausalito, CA 94965	DeltaGraph DeltaPoint, Inc. 2 Harris Court Ste B Monterey, CA 93940	More 3.0 Symantec 10201 Torre Ave. Cupertino, CA 95014	Stanford 3-D Visions 2780 Skypark Drive Torrance, CA 90505
Brilliant Image 7 Penn Plaza New York, NY 10001	Harvard Graphics Harvard Draw 3165 Lofer Rpad Santa Clara, CA 95051		