

## Applications

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The Interactive Presentation Workstation gives you the tools you need to present multimedia projects to large or small groups. With this workstation, you can control and access video images on a video disc, and then display the video disc image on a television monitor.

You can also project an Apple® Macintosh® computer screen image using an LCD overhead projection pad.

The use of multi-media is more effective than typical overhead or chart presentations. Through the graceful integration of text, graphics, sound, animation, and video,

a multimedia presentation captures an audience's attention and sustains their interest. Multimedia also allows you to tailor presentations to different learning styles and subject matter.

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## Equipment Descriptions

**Computer**  
A Macintosh Plus, Macintosh SE, or Macintosh II computer can serve as the basis for this workstation.

**Software**  
*Hypercard*—Use HyperCard® software to create scripts to control and display your presentation.  
*Videodisc Toolkit*—This toolkit provides the proper videodisc software drivers to install into your stacks.

**LCD overhead projection pad**  
The LCD pad projects onto a screen an enlarged black-and-white duplicate of the image on the Macintosh monitor. This pad is compact and much less expensive than gun-type projectors. You will need to purchase a video interface separately and have your dealer install it in your Macintosh computer. Any Macintosh software can be displayed using an LCD projection pad.

**Videodisc player**  
The videodisc player must have a serial port or

include a “blackbox” serial interface. You must also install into your stacks the HyperCard software driver that is designed for your videodisc player. An RS-232 serial interface cable is needed to connect the player to your Macintosh computer.

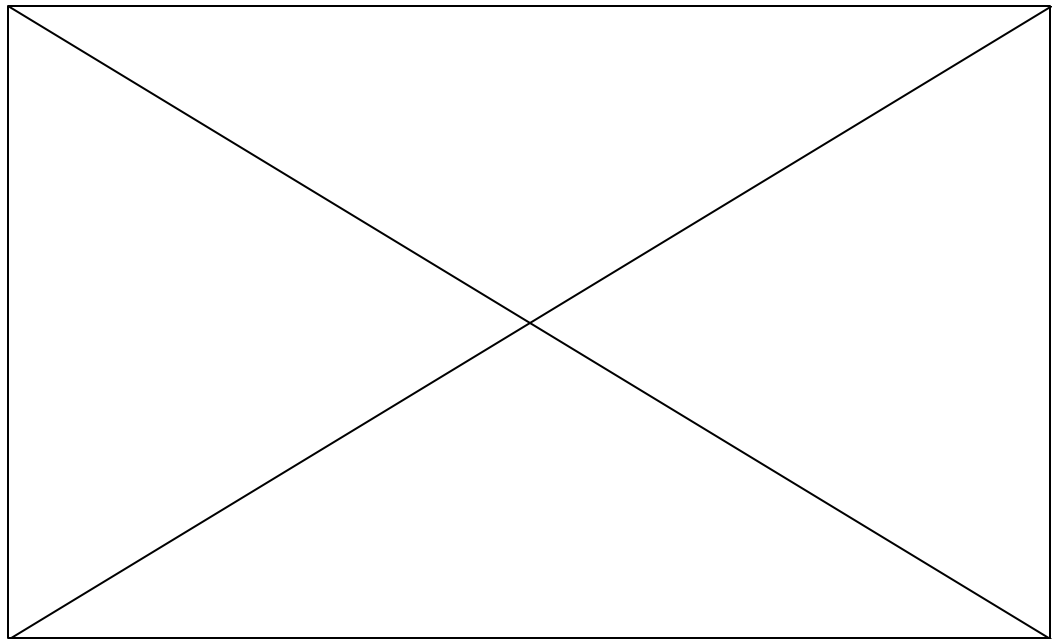
**Television monitor**  
Choose a monitor that has stereo line input, and either stereo line output or built-in stereo speakers. Most video-discs use separate left and right audio channels.

**Overhead projector**  
The overhead projector must be bright, transmissive (having a light source from below), and relatively cool.

**Powered speaker(s)**  
At least one powered speaker is recommended for higher sound clarity and volume. Look for speakers that can be attached to personal stereo equipment (including devices such as a Sony Walkman), and that have volume control.

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## Configuration



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## Process

1. Connect your Macintosh computer to the videodisc player.
2. Connect the overhead projection pad to the Macintosh. Be sure to handle the projection pad carefully. It's fragile.
3. Insert the videodisc into its player.
4. If possible, adjust the lighting in the room.
5. Adjust the overhead projection pad.

6. Adjust the volume of the television monitor and the Macintosh.
7. Open your HyperCard stack.
8. From the back of the room, check the sound level and the visibility of the television monitor and the projected Macintosh image.
9. Make your presentation.

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Design Considerations

- Review the objectives of your presentation.
  - Carefully analyze what will communicate each objective most effectively: video images with HyperCard graphics and animation, video images alone, or HyperCard graphics alone.
  - Strike a comfortable balance between video images and HyperCard graphics, animation, and text.
  - To reduce distracting images, program the stack to turn off the video image when it is not being used for the presentation.
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- Determine whether still or full-motion video images will communicate your message more effectively.
  - Include full-motion video whenever possible, unless a series of still frames with sound and text will communicate your point better. If a video sequence is playing, it may distract attention away from the presenter or from important illustrations or text on the Macintosh monitor.
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- Determine whether the text and graphics are adequate for a group presentation.
  - Be sure that the text in your presentation is large enough (12-point type or larger) to be read clearly from the back of the room.
  - Illustrations should have clean lines.
  - Photos should be as clear and recognizable as possible.

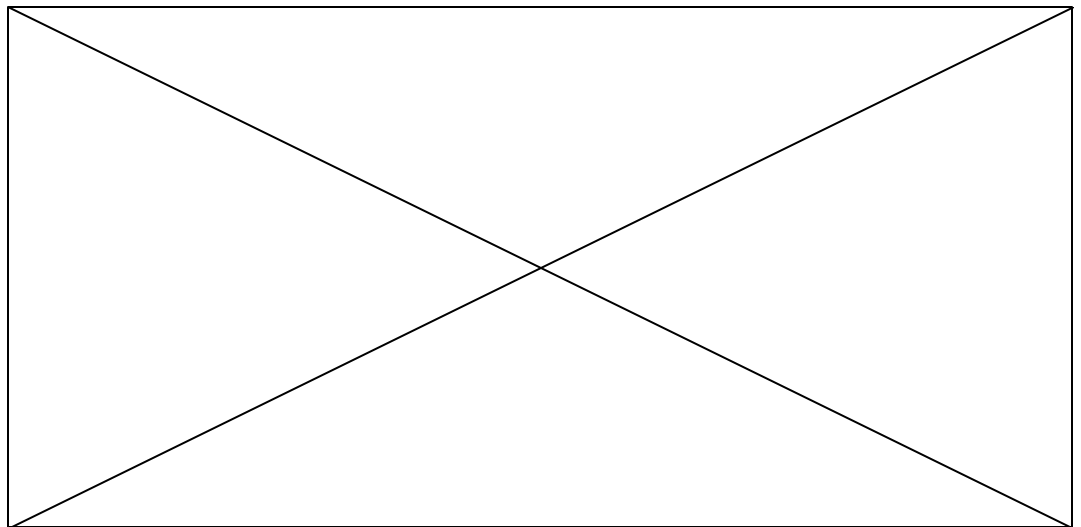
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Workstation Components

- Macintosh Plus, Macintosh SE, or Macintosh II computer
- HyperCard
- Videodisc Toolkit
- Overhead projection pad with interface
- Television monitor
- Videodisc player
- RS-232 serial interface cable
- Cart for Macintosh, overhead projector, and overhead projection pad
- Cart for television monitor and videodisc player
- RCA video patch cable
- RCA stereo patch cables
- Powered speaker(s)

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Cable Diagram





# Interactive Presentation Workstation

## Products and Vendors

### Computers

Apple Macintosh Plus  
with hard disk  
Apple Macintosh SE  
with internal hard disk  
Apple Macintosh II  
with internal hard disk

### Software

HyperCard, Apple  
Computer, Inc.  
Videodisc Toolkit,  
APDA<sup>®</sup>

### Powered Speakers

Bose Roommate Powered  
Speaker System  
Sony SRS55 (has volume  
control)

### Overhead Projection Pads

Data Show/HRM, Kodak  
PC Viewer, In Focus

### Videodisc Players

Pioneer LD-V4200  
Pioneer LD-V6000A  
Sony LDP1200  
Sony LDP1500  
Sony LDP2000

### Videodisc Cables

Lasertalk 4200 Interface  
(for Pioneer LD-V4200),  
Pioneer  
4200 Interface Cable (for  
Pioneer LD-V4200),  
Voyager  
The Box (for a consumer  
videodisc player),  
Voyager

### Vendors

Apple Computer, Inc.  
20525 Mariani Avenue  
Cupertino, CA 95014  
(408) 996-1010  
Apple Programmers and  
Developers Association (APDA)  
20525 Mariani Avenue,  
MS33G  
Cupertino, CA 95014  
800-282-2732

### Bose Corporation

The Mountain  
Framingham, MA 01701  
(617) 879-7330

### Eastman Kodak Co.

343 State St.  
Rochester, NY 14650  
800-242-2424  
In Focus Systems, Inc.  
7649 S.W. Mohawk St.  
Tualatin, OR 97062  
800-327-7231

### Pioneer Video, Inc.

915 E. 230th St.  
Carson, CA 90745  
(213) 518-0710

### Sony Corporation of America

Sony Drive, MS3-17A  
Park Ridge, NJ 07656  
(201) 930-7669