

MAEstro User's Guide

Finishing Up

When you have completed building your edit list, you can move on to select edits with another media editor, or you can begin to assemble your finished presentation, covered in *Chapter 7, Building Multimedia Documents (TimeLine Editor)*.

Modifying Edits

Modifying an edit is just like creating one. That is, it uses the same procedure for selecting new start or end points, labeling, and changing characteristics. The only difference is that instead of clicking on **Add** when through, you click on **Modify** to update the edit list.

Naming, Saving, and Opening Edit Lists

Like the other MAEstro editors, you use the *file browser* to name, save, and open a VideoEdit edit list. If you need a refresher on this, see *Chapter 1, Introduction to MAEstro*. VideoEdit is a little bit different from the other editors in that it doesn't have a pop-up **Document** menu which you use when saving or naming. Here is what you need to do instead:

Naming and Saving a **New** Edit List

1. Click on **Save** at the top of the edit menu. The *file browser* opens.
2. Type the edit list name in **Current Path** on the *file browser*.
3. The *file browser* disappears, and your edit list is now named.

Saving an **Existing** Edit List

1. Click on **Save** on the edit menu to open the *file browser*.
2. Scroll through the right hand column in the *file browser* until you see the name of your edit list. Highlight it.
3. Click on **Save**. The *file browser* disappears, and your edit list is now saved.

Opening an Edit List

1. Click on **Open**. The *file browser* appears.
2. Search through the *file browser* to find the edit list you wish to open. Highlight it.
3. Click on **Open**. The *file browser* disappears, and the new edit list appears on the edit menu.

To preview all of an edit, select one by highlighting it on the edit list. Click on the **Preview** button to play the entire sequence. To play part of an edit, highlight it and pull down the **Play part of edit** under the **Preview** button. The pop-up menu is shown in Figure 3-30

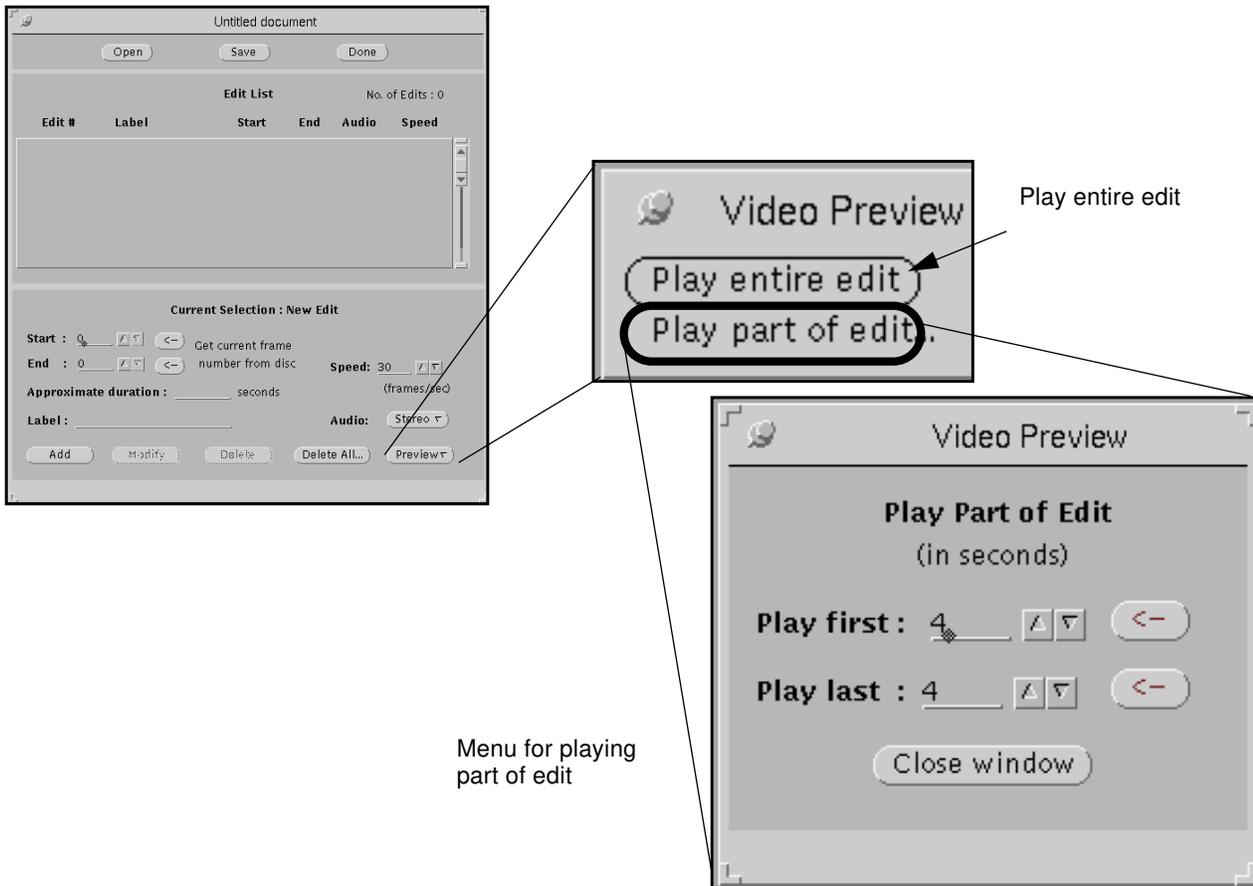
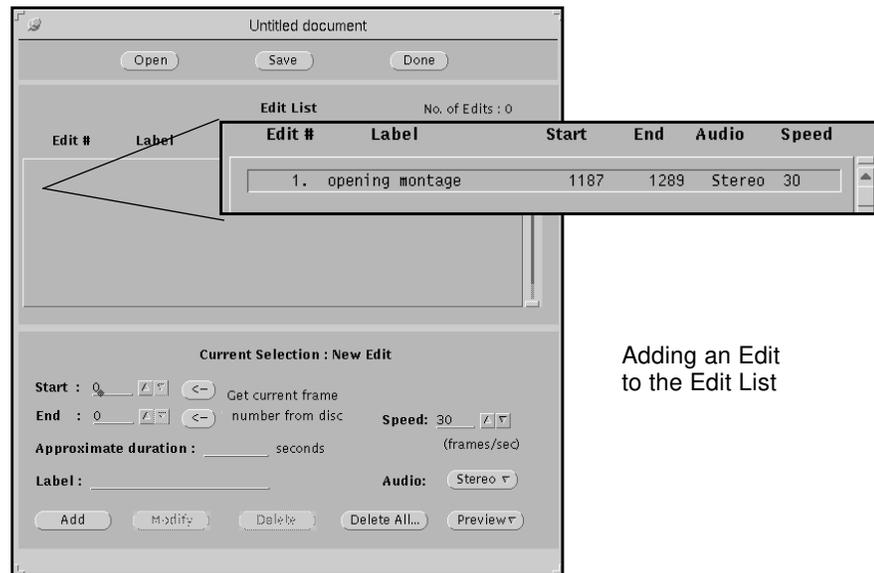


Figure 3-30 Playing Part of an Edit

Adding the Edit to the Edit List

To help you organize your edits, group them into an edit list. As with cdEdit, after you have specified the start and stop point, labeled the edit, and have set any options, click on the **Add** button. VideoEdit records all the information on the edit panel and lists the new edit as a numbered entry on the edit list (see Figure 3-29).



Adding an Edit to the Edit List

Figure 3-29 An Edit Added to the Edit List

To add more edits, repeat the process of defining their boundaries and attributes.

Previewing All or Parts of Edits

After capturing one or more edits, you may want to play them to see if they need any modification. You can play all of or part an edit.

Setting Audio and Speed Options

When you capture an edit, you capture the picture and two soundtracks for stereo (default). You can omit one or both soundtracks from your edit. Use the audio pop-up menu shown in Figure 3-28. Muting is useful when synchronizing the video edit with some other audio source in DTR or cdEdit.

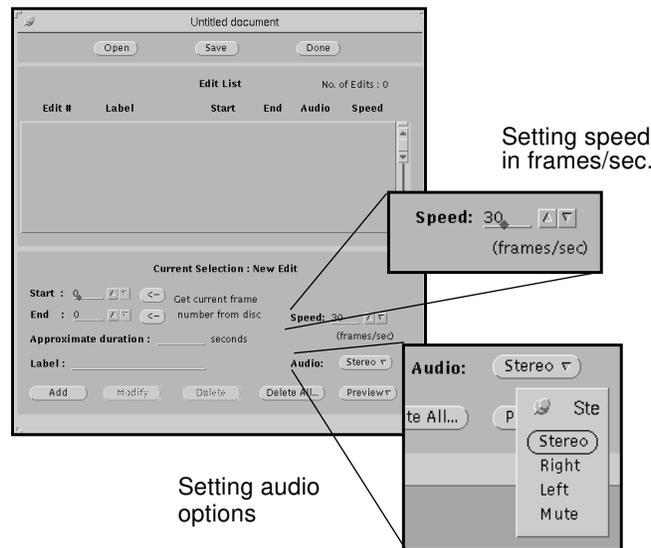


Figure 3-28 Setting the Audio and Speed Options for an Edit

A video disc normally plays at is 30 frames per second. You may change that to create a special effect. However, any speed other than normal automatically mutes both soundtracks.

Note – Different video disc players are capable of playing at different speeds. VideoEdit rounds off the value you enter to the nearest speed supported by that player.

Previous Chapter to more quickly scan your disc (refer back to Figure 3-25 for locations of these buttons). When you locate your material, click on the upper **Get current frame number** button. The frame number for your start point appears to the left of the button. There are two techniques:

1. To help you select the exact start point, **pause** the video disc on the frame you want, then click on the upper **Get current frame number**.
2. If you already know the frame number for your start point, type in the number directly. In this case, don't click on the **Get current frame number** button, or you will overwrite your frame number.

To set the end point, resume play until you find the end of the sequence. Then, click on the lower **Get current frame number** button (or enter the frame number directly). If you have any trouble capturing the exact start of end point, repeat the process until you are satisfied with your edit.

Labeling the Edit

Once captured, assign a name to the edit by typing it into the space called **Label** as shown in Figure 3-27. Although VideoEdit does not require you to name the edit to put in into the edit list, a descriptive label will help you more easily and quickly locate and recall the content of edits.

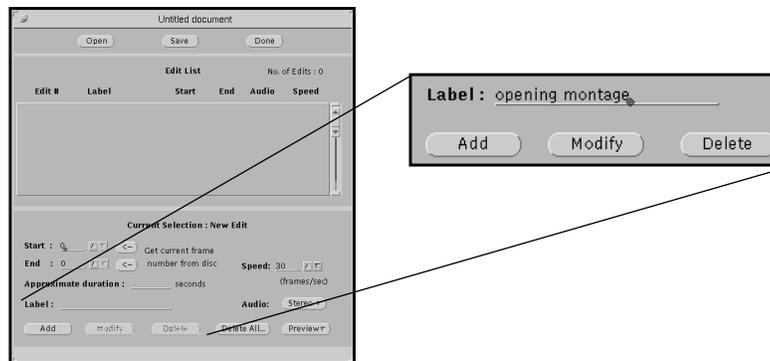


Figure 3-27 Labeling a Video Disc Edit

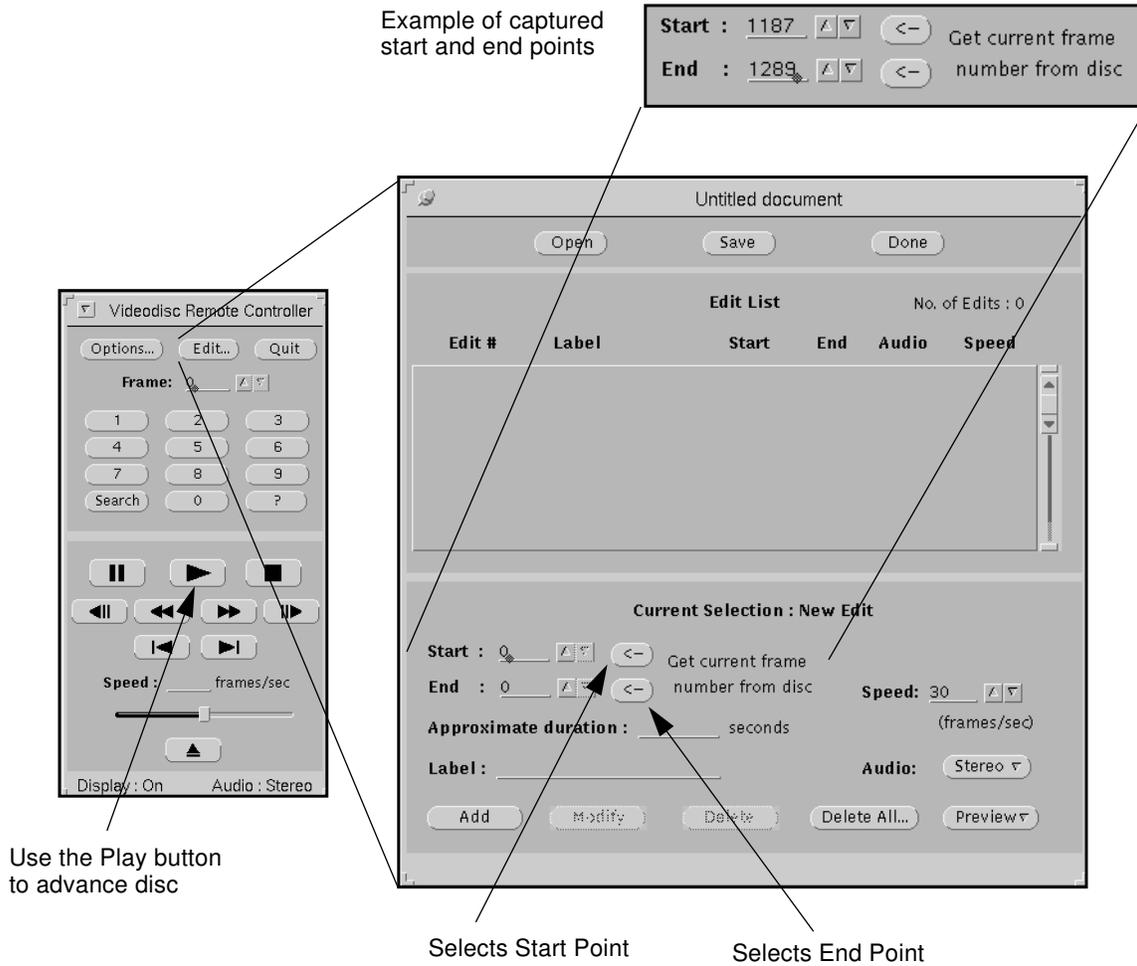


Figure 3-26 The VideoEdit Edit Panel

Setting the Start and End Points

To select a start point, use the **Play** button to play the video disc until you see the beginning of the section you want. Alternatively, you can use the other control panel buttons, such as **single frame forward** or

Note – Not all video discs have chapter stops. Check the jacket of your video disc for this information. VideoEdit gives you an error message if you attempt to search by chapters on a disc that does not have them.

There are two popular disc formats: CLV (constant linear velocity) and CAV (constant angular velocity). Essentially, CLV discs cannot stop on a specific frame, and therefore cannot have chapter stops. CAV discs can stop on frames and *may* have chapter stops.

Like the CD media editor, cdEdit, there are three ways to search for frame or chapter number (see Figure 3-25):

- Type in the number
- Click on the arrow buttons to set the number
- Use the key pad to enter the number

After entering the number, click on **Search** to go directly to the designated frame or the first frame of the chapter.

Now that you can use the control panel to locate material of interest, you are ready to begin making edits using the edit panel.

Making Edits using the Edit Panel

When you have found a section of video to use in a time line, you can select start and end points for your selection and add it to an edit list using the edit panel. To open the edit panel, click on the **Edit** button on the control panel. Figure 3-26 shows the edit panel. It looks very similar to the one in cdEdit. Here are the steps for making a video edit:

- Setting the start and end points
- Labeling the edit
- Setting edit audio and speed options
- Adding the edit to the edit list

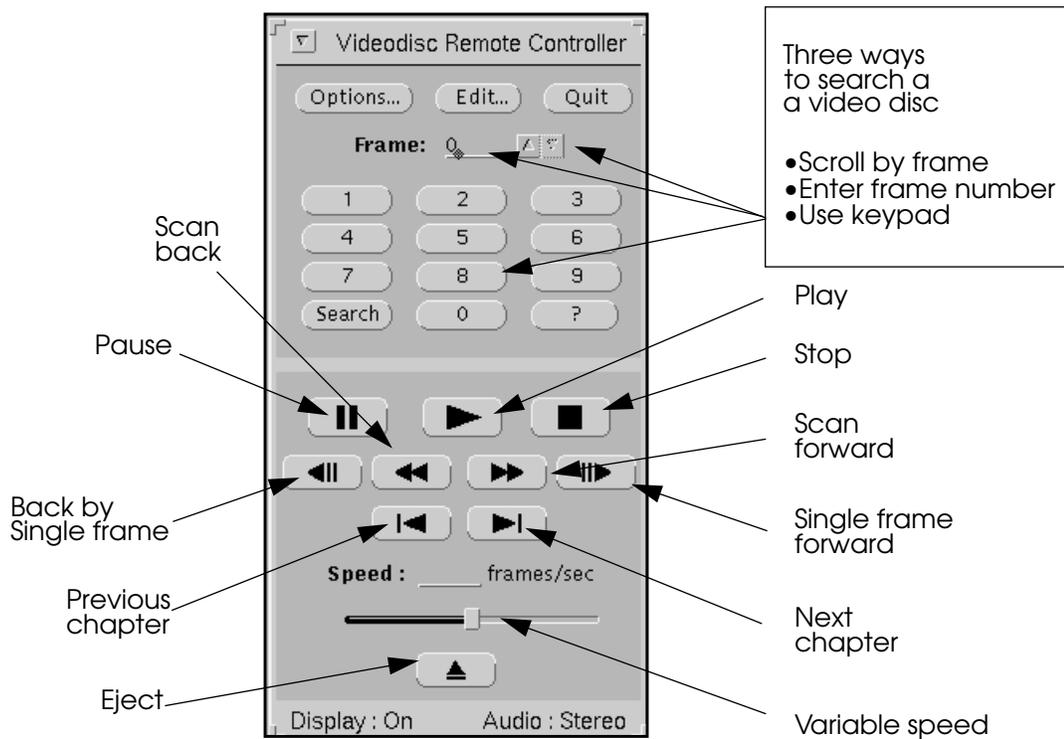


Figure 3-25 Ways to Play and Search a Videodisc with the Control Panel

Searching a Videodisc

You can search a disc either by frame number or by chapter number. The search mode is set with the video options panel, shown in Figure 3-25. Searching by frame number jumps to that paused frame. Searching by chapter number jumps to the first frame of the chapter.

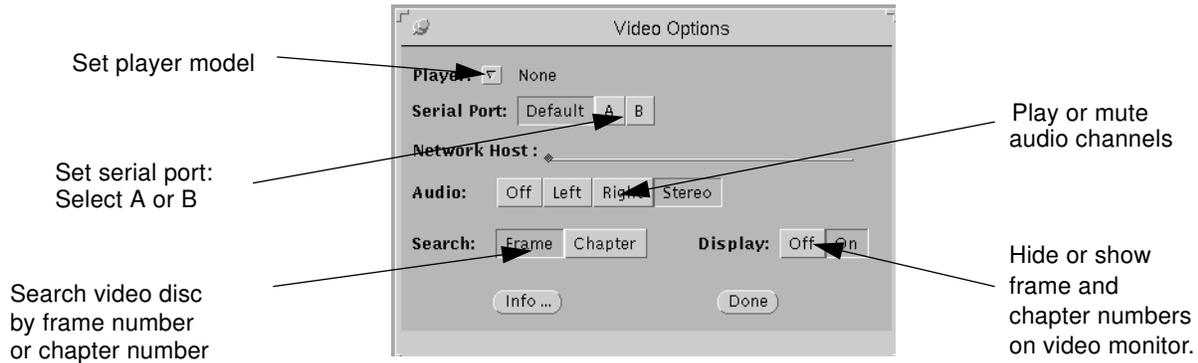


Figure 3-24 Setting Options on the Video Options Panel

Playing and Searching for New Material

This section explains how to play and search for new material on video disc. If you already have some edits that you would like to play, see the later section *Playing and Searching for New Material*.

VideoEdit provides several ways to view a disc and locate material for your edit list. These methods appear in Figure 3-25. For instance you can:

- Play through a video disc at the normal speed of 30 frames per second.
- Scan through disc at the rate of three seconds per scan.
- Skip from one chapter stop to the next. (Chapter stops are the sections into which video discs are divided, the equivalent of tracks on a CD.)
- View a disc frame by single frame.
- View a disc in slow or fast motion.
- Search for a specific frame or chapter number.

Working with Video Discs (VideoEdit)

If you always use the same video disc player with your workstation, you can tell VideoEdit to set up the default player for you. To do so, put the following line in your *.Xresources* file:

```
VideoEdit.defaultPlayer: Pioneer4200
```

Putting these two lines (for default player and default serial port) in your *.Xresources* file will help VideoEdit more quickly configure itself.

Note – If you have a video disc player which is not listed on the menu, try selecting one of the other players. It might work; for instance, a Pioneer 8000 works using the setting for the Pioneer 4200.

Testing your Installation

After you have set the required options, serial port, and model, you can test your installation. If everything is working properly, VideoEdit's control panel operates the player. If there is a problem, VideoEdit gives you some troubleshooting directions to try before re-selecting a player.

Once you have set the serial port and player correctly, you can close the video options menu and begin using the control panel to set other options, play, and search video discs.

Setting Other Player Options

This section describes how to use the ***Options*** menu. It assumes you have already set the serial port and model (see earlier section on *Getting Started*). Here are some additional options you can set. Figure 3-24 shows how to set them:

- Audio may be stereo or muted, or left or right track only
- Displays may show or not show frame and chapter numbers
- Searches may be by frame number or chapter number

Setting Port and Model Type Options

VideoEdit can control several different types of Sony™, Pioneer™, and Panasonic™ industrial video disc players. To set the port and model, use the **Options** panel. The location of the buttons and menus used appear in Figure 3-23.

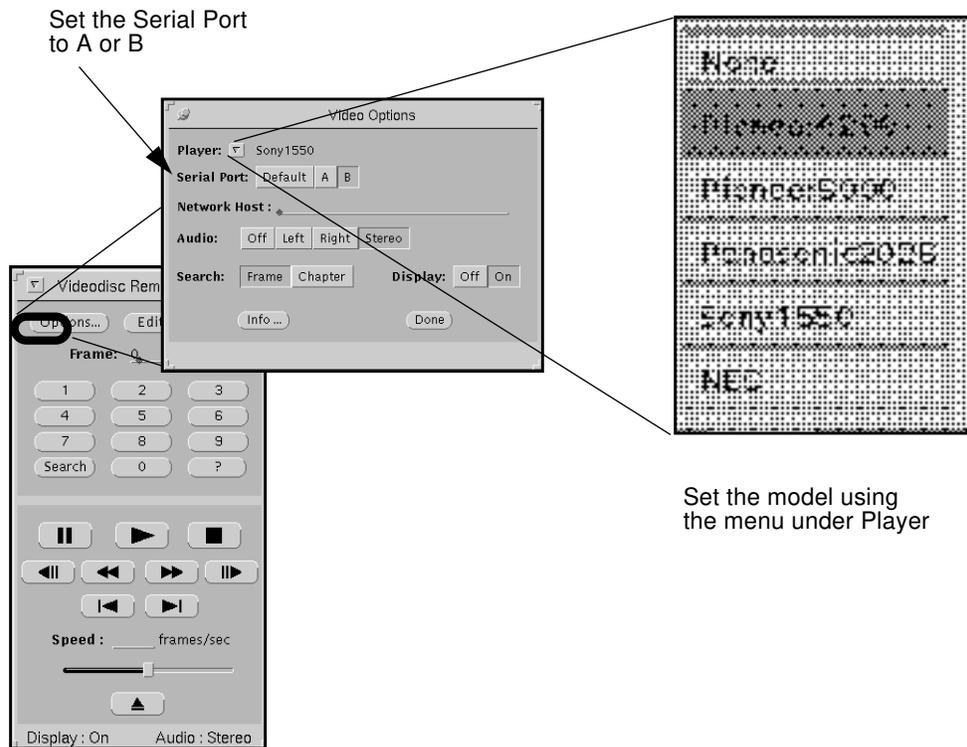


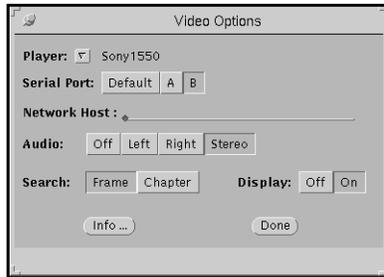
Figure 3-23 Setting the Videodisc Model and Port

If you have UNIX experience, you can set the serial port by creating a default setting in your *.Xresources* file. For example, to tell VideoEdit to look for the Pioneer4200 video disc player on serial port A, put the following line in your *.Xresources* file:

```
Pioneer4200.serialPort: /dev/ttya
```

Working with Video Discs (VideoEdit)

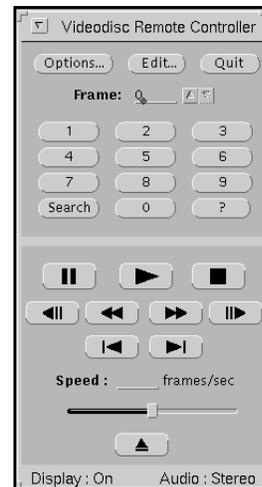
After a few seconds the VideoEdit control panel and video options panel appear on your screen as shown in Figure 3-22. You may also close to an icon as shown in the Figure.



Options Panel for setting video disc player functions



VideoEdit's Icon



Control panel for playing and searching video discs

Figure 3-22 VideoEdit Icon, and Control and Options Panels

Inserting a Video Disc

Insert a video disc in the player program side down.

With the player hooked up, VideoEdit invoked, and a disc inserted, you are ready to begin setting the player options.

Getting Started

This section covers some set-up you must do before using VideoEdit to play and edit material from a video disc. It explains the following:

- Hardware requirements
- Invoking VideoEdit
- Inserting a video disc
- Setting the port and model options

Hardware Requirements

The instructions in this chapter assume that you already have a video disc player with an RS-232 port either attached to your workstation or accessible via remote login. You also must have a monitor and audio and video cables connecting the monitor to the player.

Invoking VideoEdit

To invoke VideoEdit, change to the correct directory, and type the following command in a shell window:

```
VideoEdit&
```

Chapter 3, Working with Video Discs (VideoEdit)

This chapter explains how to use the VideoEdit media editor to capture and manipulate edits from video disc players. Although not covered in this version of the manual, you can work with video tape players using vcrEdit. This chapter covers:

- Overview of VideoEdit
- Getting started
- Setting player options
- Playing and searching video discs
- Choosing sections from video discs
- Adding sections to an edit list for later playback
- Previewing all or part of sections
- Modifying edits
- Naming and saving new edit lists and opening old ones

About VideoEdit

VideoEdit is MAEstro's tool for working with video discs. It lets you control a video disc player attached to your workstation, or remotely available over the net. You can select start and end points for sections of video, store these choices as edits on a list, and then use the TimeLine editor to put the edits into a presentation.