



MICROSOFT® WINDOWS

MOVIE MAKER

Microsoft® Windows Movie Maker

Free video editing suite –included with Windows ME and XP. Download video to your computer, edit video, and edit audio files with Movie Maker.

PC Requirements for the latest version, Windows Movie Maker 2.1:

For creating videos:

- ❖ Service Pack 2 (SP2)* for Windows XP
- ❖ 600 MHZ processor; better with 1.5 GHz
- ❖ 128 MB RAM; better with 256 MB RAM
- ❖ 2 GB available hard disk space
- ❖ Super VGA (800x600) or higher monitor
- ❖ 256-color video card
- ❖ 3-D graphics acceleration
- ❖ DirectX 7.1 or later graphics support
- ❖ Internet connection to send video as an e-mail attachment or to upload video to a Web page
- ❖ Video capture device to capture video from external sources
- ❖ Audio capture device for capturing audio from external sources
- ❖ Windows XP-compatible sound card and speakers or headphones
- ❖ FireWire cable (IEEE 1394)
- ❖ FireWire card or built-in FireWire capability
- ❖ For an analog camcorder, Web camera, or VCR, an analog video capture card.

For playing back videos (audience needs):

- ❖ Microsoft Windows Media Player 7.0 or later; best with Media Player 9
- ❖ Microsoft Windows 98 or later or Windows NT 4.0 or later

Note: Movie Maker uses .wmv and .avi files. The program does not support QuickTime or Real Video files.

*Service Pack 2 can be downloaded from <http://www.microsoft.com/windowsxp/download>

Open Movie Maker:

1. Start > All Programs > Accessories > Entertainment > Windows Movie Maker.
- OR
2. Doubleclick My Computer > doubleclick C drive > Program Files > Movie Maker > doubleclick moviemk.exe to open.

Connect video camera to computer:

1. Use FireWire (IEEE1394-1995) cable to connect the video cam to the computer.
Note: Refer to your camera manual for specifics.

The following directions are similar in both Pinnacle and iMovie software programs.

Capture video:

1. Change video camera to VCR or VTR mode.
2. In Movie Maker, File > Capture Video OR in the Movie Tasks pane, under Capture Video, click Capture from video device.
Note: Windows automatically saves video file as AVI. To save in another format, click small down arrow at Setting: and make other selection.
3. In dialog box that opens, select DV camera if more than one device is listed.
Note: If you want only a selection of video footage, use Digital video camera controls to locate desired footage.
4. Enter a name for your video.
5. Click the browse button and select where the video file is to be saved.
6. Click Next.
7. In the Video Setting dialog box, choose the setting you prefer, click OK.
8. In the Capture Method dialog box, click Capture the entire tape automatically.
Note: The tape in the DV camera will rewind and then the capture will begin.
9. Select Create clips when wizard finishes if you want the video to be separated into smaller clips. (Recommended for ease of editing.)

10. If you want to stop the capture before the end of the tape, click Stop Capture and then Yes.
11. Click Finish.

Capture portions of a video:

1. Follow directions for capture (*above*) until Step 7, then in the Capture Method dialog box, select Capture parts of the tape manually.
2. Select Mute speakers check box to prevent audio from playing during capture.
3. Use controls on DV camera OR the DV camera controls in the capture wizard to locate the video you want to capture.
4. Click Start Capture.
5. Click End Capture at the desired end point. Repeat as necessary.
6. Click Finish.

Capture video from an analog device:

1. Connect VCR or analog camera to computer.
2. In Video Capture Device dialog box:
 - a. Select analog device you want to use.
 - b. In the Video Input source list, click input line to be used.
 - c. Adjust settings by clicking Configure.
 - d. Adjust volume by moving Input level slider.
3. Type name for your video.
4. Browse to location to save the video file.
5. Select Create Clips when wizard finishes to separate video into smaller clips.
6. Select Mute speakers to prevent audio from playing while capturing video.
7. Locate the video you want by using the controls on your analog VCR or camera.
8. In Movie Maker, click Start Capture.
9. Press Play on the VCR or analog camera.
10. Click Stop Capture to stop.
11. Press Stop button on camera or VCR.
12. Repeat steps 8-11 as necessary.
13. Click Finish.

Note: Captured content will be automatically imported into a new collection with the same name as the video file.

Capture live video:

1. Connect camera to computer. Set mode on camera to capture live video (Camera mode).
2. Start Movie Maker.
3. Follow directions for capturing video.

Add video clips to Timeline:

1. In Collections area, select desired video clip and drag to location on timeline.

Audio – add clips:

1. In the Task pane, click Import audio of music OR File > Import.
2. Browse to file to be imported.
3. Click Import.
4. The selected audio file will display in the Collection view
5. If Timeline is not showing, click on Show Timeline button in the bottom section of the Movie Maker screen.
6. Click and drag the audio file onto Timeline.

Note: Audio clips can be overlapped. Click and drag one file over another to have them play at the same time. Overlap duplicate sound files to extend the length of time the sound plays.

Audio – adjust levels:

1. In the left column in the Timeline, click Set Audio Levels button.
2. The Audio Levels window opens.
3. Click and drag slider to increase either video or audio track level.

Audio - convert to other file formats:

(On Mac with QuickTime (doesn't work with Windows):

4. File > Import.
5. In Open dialog box, select audio clip, click Open.
6. Audio file opens in QuickTime player.
7. File > Export.
8. In Save exported file as... box, type a name for the file.
9. Choose location to save.
10. At Export: click tiny down arrow for choices – select Sound to AIFF.
11. Click Save.

Audio – trim clip:

1. Click to select audio clip.
2. Click Play button.

3. Clip > Set Start Trim Point.
4. Advance to desired end point, Clip > Set End Trim Point.

Delete video or audio clip in Timeline:

1. Click to select.
2. Press Delete.

Edit clips:

1. In the Timeline, click on a clip to be edited.
2. In the Preview monitor, drag the scroll bar to the point where you want to trim.
3. On the menu bar, Clip > Set Start Trim Point.
4. Drag the handle of the clip to the end point.
5. On the menu bar, Clip > Set End Trim Point.

E-Mail video:

1. On toolbar, File > Send Movie To > E-Mail.
2. Click OK.
3. In Name the movie box, type name of movie.
4. Click OK.
5. An e-mail message box opens with .mov file attached. Type e-mail address and message.
6. Click **Send**.

Firewire:

1. IEEE 1394 cable that transfers 400 million bits of data per second.
2. Used especially for transferring digital video from a video cam to a computer.

Import video clip:

1. File > Import.
2. In the dialog box that appears, select desired video file. Click Open.
3. The video file will display in the Clips panel.

Move video clip:

1. In Timeline, click to select clip.
2. Edit > Cut.
3. Click and drag Playhead to desired location.
4. Edit > Paste.

New video project:

1. File > New > Project.

Organize clip collections:

1. To create a new collection, click to open a collection that will serve as basis of the new collection.
2. File > New > Collection.
3. New collection file opens within base collection.
4. Click and drag files into new collection.

Record narration:

1. Connect microphone to computer.
2. Click Record button on toolbar.
3. In Record dialog box, click Record.
4. Speak into microphone.
5. Click Stop.
6. The Save Windows Media File dialog box opens. Name the file. Click Save. The file is added to the Clips list.

Saving Movies:

1. In the Movie Tasks pane, click the down arrow to expand the Finish Movie menu.
2. Select the option you desire: Computer, CD, e-mail, Web, DV camera.
3. Follow the steps and make appropriate selections in the Wizard.

Split video clip:

1. In Collections area, click to select video clip to be split.
2. The clip displays in the Monitor area.
3. Drag Playhead arrow to clip to be split.
4. Click Split Clip button.

Storyboard:

1. Click the Show Storyboard button in the lower half of the Movie Maker screen.
2. Drag and drop clips from the Collections view onto the Storyboard.
3. Rearrange by dragging and dropping the clips until you are satisfied with the order.

Timeline:

1. To view Timeline, on the menu bar, View > Timeline.

Title slide:

Note: A graphics program like Paint or Photoshop is needed to create a title slide for Windows MovieMaker.

Create title slide:

- a. Start > All Programs > Accessories > Paint.
- b. On toolbar, Image > Attributes.
- c. In Attributes dialog box, type width: 320 and height: 240. Click Pixels radio button.
- d. Click text tool (A) in vertical toolbox.
- e. Place cursor where text is to appear. Type text.
- f. File > Save As.
- g. Type name for file. Choose location to save in.
- h. Click Save.

Add title slide to Timeline:

1. File > Import.
2. In dialog box, click the title file.
3. Click Open.
4. In the Clips list, select the title file.
5. Click and drag to the Timeline.

Note: Drag title clip over a portion of the following video clip to create an overlay transition.

Transitions between video clips:

Note: MovieMaker does not have built-in transitions.

1. To create a dissolve-in between two video clips, drag one slightly over the other one on the Timeline.

Trim audio/video clips:

1. On menu bar, View > Timeline.
2. On the timeline, select clip to be trimmed.
3. Use playback controls on the monitor to go to the point where you want to trim the clip.
4. Click the Pause button.
5. Clip > Set Start Trim Point.
6. Click the Play button.
7. Click Pause at the point where you want to stop the trim.
8. Clip > Set End Trim Point.

Zoom in Timeline:

1. Click Zoom In button (magnifying glass with plus sign) on the left of the Timeline.
2. Click Zoom Out button to see a larger view.

The following features are not available in MovieMaker; so if these options are important for your project, consider using Pinnacle or other software.

- ❖ *Batch capture*
- ❖ *Built-in video transitions*
- ❖ *Color correction*
- ❖ *Copying video to digital videotape (DV format)*
- ❖ *Fading audio clips*
- ❖ *iDVD export*
- ❖ *Mixing audio tracks*
- ❖ *Sound filters*
- ❖ *Special filters: blur, distort, border, etc.*
- ❖ *Titling options*
- ❖ *Video overlay (combining 2 images)*

iMovie tutorials:

<http://www.csus.edu/uccs/acadtech/tools/education/imovie/index.htm>

Pinnacle Studio tutorials:

<http://www.csus.edu/uccs/acadtech/tools/education/pinnacle/index.htm>

Transferring analog to digital:

http://www.csus.edu/uccs/acadtech/tools/education/pinnacle/analog_digital.pdf