What is new in iMovie 5.0.2 HD

- Support for more video formats and devices such as HDV, MPEG-4, iSight, DV, DV Widescreen (including support for both HDV and 16“ 9 widescreen movies

- The option for automated movie making with Magic Movie

- Copy and Paste clips between iMovie HD projects; rearrange clips directly in the timeline (no need to toggle back and forth between the Clip viewer and the Timeline

- Unlimited Undos and Revert to Saved option that allows you to undo the changes you made since the last time you saved the project

- Send new movies to iDVD automatically

- iMovie Trash now works like Trash in Finder – just double click on the icon and you can preview and retrieve deleted items

- The option to share movies

- New Special Effects

DV Capture and Edit with iMovie 5.0.2 HD

Project Management: Plan out your time and process *before* beginning the capture and edit. A few major items to keep in mind:

1. Uncompressed digital video files are VERY large. You will not be able to save the raw files for your project into any of your network spaces. In most cases your raw files will not even fit on a zip disk or CD.

Uncompressed video files require up 3.5 MB of space for every second of footage, thus:
- An empty 100MB zip disk will only hold about 25 seconds of uncompressed digital video.
- An empty CD-R will hold only about 2 and 1/2 minutes of uncompressed digital video clips.

The best plan is to finish your project in one sitting by exporting your movie to either a QuickTime movie (for web or CD – 3 minute max!) or back out to a digital video camera (DV) before you leave the station.

2. Plan how you will use your finished movie before you begin. QuickTime movies can be played on the web, sent through email, and posted to a WebCT course. MiniDV can be transferred to VHS by hooking the camera up to a VCR. Exported QuickTime movies that are under 3 minutes should be small enough to save to a zip disk or to attach to an email message.
Setting up:

1. Shut down the MAC station you will be using if it is already on. It is best to connect and turn on your DV camera before restart. The camera should have a DV → Firewire cable in its bag. Check with Media Resources if you do not find one. The smaller end plugs into the camera (look for slot on camera) and the larger end plugs into the back of the MAC (look for FireWire symbol). Turn camera on (playback mode) and start up the MAC.

2. After station has restarted, launch iMovie HD (from dock) and check iMovie nconfiguration:
   a. In iMovie, from the iMovie HD menu, choose Preferences - Playback
   b. Make sure that the Play DV project video through to DV camera box is NOT checked.
   c. Click OK.
   d. Quit out of iMovie HD
   e. Re-launch iMovie HD and proceed to Capturing.

Capturing (recording) a Video Clip

1. Launch iMovie HD. From the three options (Create a New Project, Open an Existing Project, Make a Magic Movie), choose Create a New Project. The window below will appear.

   ![Create Project Window]

2. Name your project (folder) and make sure to save it to the desktop. **This is a temporary place for iMovie to store your uncompressed video clips. This folder should be trashed after you export your final movie.**

3. Cue up footage in camera to a few seconds before footage you want to capture. You will be able to trim the excess off later. You should be able to see the paused movie in the movie window on your computer.

4. When you are ready to begin recording, press play on the camera and click the Import button in the iMovie window on the computer. Imovie will begin capturing.

   *If you do not see an Import button on your screen, make sure that the Input/Edit toggle is pushed to the left towards the camera icon.
5. To stop recording, click on the IMPORT button again. The movie clip will be named Clip 01 and placed into one of the 12 boxes to the right of the recording window.
6. Repeat process for any additional clips.

**Easy Movie Making with Magic Movie**

1. Plug in your camcorder and launch iMovie HD
2. From the window with options, select **Make a Magic Movie**
3. Select a name for your project and where to save it.
4. From the options displayed, you may select a movie title, choose the type of a transition to be used between scenes, add a music soundtrack or send the project to **iDVD**

![Image of iMovie HD interface]

**iMovie HD** automatically rewinds the tape in your camcorder and imports all your video. After placing each clip on the timeline, it assembles your movie from start to finish, using your choice of options.

**Editing Clips**

Your Timeline is in Edit Clip Mode when the Input/Edit toggle is pushed to the right, (toward the scissors icon – see above). In Edit Clip Mode, you can change the speed and direction of your clips. You can also split clips and add titles and transitions between
clips to replace jump cuts. Audio sounds can be added from built-in sound effects, CDs, and voice recordings.

1. Drag a clip from your bin to the large gray rectangular "timeline" at the bottom of the screen.

2. You can play the clip by using the set of iMovie HD controls in the movie window. As the movie clip plays, you can see the playhead travel along the movie timeline. The number displayed next to the playhead is the number of seconds and frames up to that point in the movie. (For example, a time of 03:15 would mean 3 seconds and 15 frames.)

3. When you are ready to edit the clip, drag the set of gray triangles below the timeline. Drag the first triangle to the place on the timeline that you would like your clip to begin. Drag the second triangle to the place on the timeline that you would like your clip to end. The clip's timeline will be shaded between the start and stop points.

4. When you have positioned your start and stop triangles where you want them, from the Edit menu, choose Crop. This will crop the movie clip to the portion that you selected. (The yellow portion of the timeline.) You can bring multiple clips to the timeline in this fashion and edit to add them to your movie. **Do SHIFT/CLICK to select multiple clips for viewing in the timeline.**

### Splitting Clips

You can split single clips into two clips. This is useful if you want to keep an unused portion of a clip on the shelf for later editing. It will save you from having to recapture content.

1. Click once on the clip you want to split in the timeline.
2. Move the playhead on the timeline bar under the monitor to the frame where you want to split the clip.
3. From the Edit menu, select Split Video at Playhead. The clip will split into two individual clips.

### Creating a Still Clip (single frame shot)

1. Select the desired clip and move the playhead to the frame you want to take a still from.
2. From the Edit menu, choose Create Still Frame. The clip will remain still for its entire duration.

**Changing a Clip's Speed**

1. Click the Timeline toggle to see the multiple track view of the timeline.
2. Click once on the clip you want to adjust (in the timeline) once to highlight it.
3. Click on the Effects button and select Fast/Slow/Reverse effect.
4. Locate the Faster/Slower option at the bottom and drag the blue knob horizontally to alter the speed.

![Effects Menu]

**Reversing a Clip's Direction (plays clip backwards)**

1. Click once on the clip you want to reverse in the timeline.
2. Click on the Effects button and select Fast/Slow/Reverse effect. (see picture above)
3. Check the Reverse Direction checkbox.

**Adding Titles**

Titles add descriptive text to your movie. You can use a variety of title styles, fonts, and colors. Titles can be superimposed over portions of clips or added over black as a
separate clip. You can also modify titles after creating them. To access this and the other editing options, click on the appropriate button under the clip shelf.

**Adding a Title Over a Video Clip**

1. Select the desired clip in the Timeline.
2. Click the **Titles** button located beneath the clip shelf.
3. Click on a style from the scrolling list in the titles palette (Bounce-Into-Center, Centered Multiple, etc.) to select it.
4. Choose a font for your title from the font popup menu.
5. Uncheck the **Over Black** box if it is selected.
6. Choose a color by clicking on the Text Color box next to **color** and clicking on the desired color. Select the desired text size by sliding the blue knob size horizontally between the **small 'A'** and the **large 'A'**
7. Type the text for your title into the text field(s) in the titles palette. Depending on the style, there will be different options in the number of text fields, direction of entry, etc.
8. Beneath the preview box, slide the blue knob to designate:
   - **Speed:** at which the title solidifies
   - **Pause:** duration of appearance
9. Click the **Preview** button on the top left of the titles palette to see a preview of the title over the clip in the monitor.
10. Drag the highlighted title style from the style list in the Title palette in front of the selected clip in the Timeline. A title clip appears in the clip viewer and a red progress bar under the clip indicates the time remaining to render the title. The rendering (processing) of the title will vary according to pause/speed input.

**Adding a Title over Black**

1. Click the **Titles** button.
2. Click the **Over Black** box to check it.
3. Continue with steps 3-10 as described above, skipping step 5.

**Editing Titles**

1. Select the desired clip in the Timeline.
2. Click on the **Titles** button.
3. Make the desired changes (see steps 3-10 above).
4. Click the **Update** button in the Titles palette.
Transitions
Transitions smooth the cuts between the clips. They can be added either to the beginning or the end of a clip or between two clips. To access this and the other editing options, click on the appropriate button under the clip shelf.

Creating a Transition

1. Click the **Transitions** button to display options.

2. Select a transitions style (Circle Closing, Circle Opening, etc.) in the Transitions palette by clicking on it.
3. Drag the round blue knob beneath the preview screen within the transition palette to alter the speed of the transition. *Note: longer transitions take more time to render than shorter ones.*
4. Click the **Preview** button on the top left of the transitions palette to see a preview of the transition between the clips in the monitor.
5. Drag the highlighted transition style (Circle Closing, Circle Opening, etc.) in front of the clip in the Timeline that you wish the transition to.

Editing a Transition

1. Select the transition box in the Timeline by clicking on it once to highlight it. Drag it to the trash bin under the transition palette.
2. Create a new transition if desired.

Inserting Pre-Recorded Sounds

1. Select the **Audio** button.
2. Click and drag the sound effect (Cat Meow, Crickets, etc.) to one of the audio tracks on the Timeline.
3. Select the sound clip in the Timeline and drag it to frame you want it to play at.

Importing a sound clip from a CD

1. Insert the CD.
2. Click the **Audio** button.
3. Select a track.
4. Use the playback controls to find desired start point.
5. Click **Record Music** to start recording onto audio track in the Time Line Viewer (TLV). The CD will record on the lower track in purple. Click **Record Music** again to end recording.
Inserting your own Recorded Voice

1. Select the Audio button.
2. Click Record Voice to start recording through the external mic. Click Record Voice again to stop recording.
3. The voice will record directly to the first track on the Time Line Viewer and will appear in orange.

Editing the Audio

Using the Volume Control

1. Select the desired clip in the Timeline.
2. Go to the volume control and drag the knob to increase/decrease volume.

Extracting the Audio from a clip

1. Click clip in Timeline.
2. In the Advanced menu, choose Extract Audio. Orange pushpins will appear on the selected clip. The pushpins may appear yellow on some computers.
3. Drag the ends of the tracks in the sound channels to edit the size of the audio clip.

Dividing an Audio Clip

1. In the Audio track, select the audio recording you wish to split.
2. Drag the Playhead to desired split point.
3. In the Edit menu, select Split Selected Audio Clip at Playhead and the audio clip will split into two individual audio segments.

Effects

Inserting an Effect

1. Select desired clip in the Timeline.
2. Click on the Effects button.
3. Select an effect by clicking on one in the Effects box.
4. Drag the Effect IN knob to the point of the clip you want the effect to begin and the Effect OUT at the point you want the effect to end.
5. Click the **Preview** button next to the clip preview.
6. Click the **Apply** button to enact the effect.

### Adding Photos

In *iMovie HD*, you can easily add photographs to your movies or create slideshows.

1. Click the **Photos** button to display options.

   ![Photos button](image)

2. Select the source of the photographs you want to use:

   ![Album selection](image)

3. From the album, select the photograph(s) you will be using and drag it to the clip viewer.

### Adding Motion to a Photograph

1. Click the **Photos** button and click the **Ken Burns Effect** checkbox if it is not selected.
2. Select a photograph following steps 2-3 described above and click **Start**.
3. With the **Zoom** slider, select the starting point for a zoom.
4. Hold the pointer over the image in the preview monitor until a hand appears, then press the mouse button and drag to the spot in the photograph where you want to begin the pan.
5. Click **End**.
6. Use the **Zoom** slider to move to the ending point for the zoom.
7. Hold the pointer over the image until a hand appears, then press the mouse button and drag to the point at which you want to end the pan.
8. With the **Duration** slider, set the duration of the pan and zoom action.
9. Click **Preview**.
10. Click **Apply** when you have the effect you want.

![Ken Burns Effect](image)

**Output to Camera, iDVD, CD (Web) or QuickTime (.mov)**

1. In iMovie, click **File** and select **Share**.

![Share options](image)

There are a number of export options available via the tabs listed.

Use the pull-downs menus within the dialogue box to set specs for your movie output.

Note: Export **uncompressed** QuickTime (.mov) file for use in other editing programs like Final Cut Pro, After Effects or Motion.