

## Rotating thumbnails

Some images will not appear in the proper orientation when imported into MediaPro. This is often the case with portrait (vertical) film images that have been scanned, or portrait images taken with digital cameras that do not record the camera's *Orientation* in the EXIF metadata.

Most newer digital cameras record the orientation in the EXIF metadata. MediaPro respects this image orientation and automatically rotates the image thumbnail accordingly during the import process.

For those files that need to be rotated, MediaPro offers three methods of rotating your files to the proper viewing orientation.

### 1. Rotating thumbnails or "soft rotation":

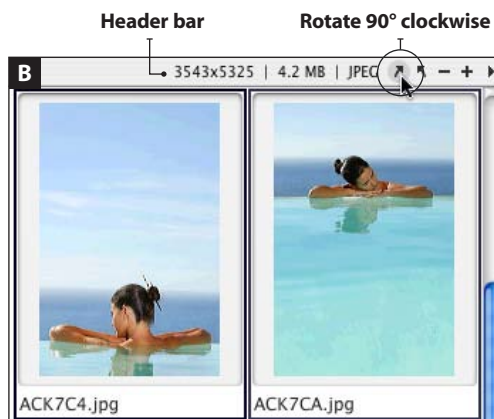
A soft rotation means that the viewing angle of an item is rotated, but not the file itself. To soft rotate an item, select the thumbnail and use the Rotate buttons in the far right side of the Header bar (see figure). Each rotation represents 90 degrees. A soft rotation applies to how MediaPro will display the file in all views (List, Thumbnail, Media View, Light Table mode and Slide Shows) and how it will export the media, such as file conversions and Web galleries. However, if you open the file with an external application, such as Photoshop, the media may appear with its original orientation.

**2. Lossless JPEG rotation:** Lossless rotation means that the original image is rotated and saved without a recompression of the JPEG image data. Using this method will prevent images from getting more JPEG compression artifacts. MediaPro's *JPEG Rotate* command (Action menu) will perform lossless rotations of 90, -90 and 180 degrees. Before applying a batch lossless JPEG rotation, be sure that all images selected are JPEGs and need the same orientation correction. All original annotations are maintained with this function.

MediaPro's new *Default* lossless JPEG rotation function rotates JPEGs based on their soft rotation state. Using this option will save you a lot of time because you are able to perform several different rotations at the same time.



**Soft rotation:** Some images will not appear in the proper orientation when imported into MediaPro (A). To correct this, select your images in Thumbnail View, then click the appropriate Rotate button in the far right side of the Header bar (B). Each click will rotate the image 90 degrees. This sets the viewing angle of an item in all views and does not change the rotation of the original file.



**3. Precision rotation:** The *Rotate* tool in MediaPro's Image Editor is used to adjust the angle of images in increments as small as 1/10th of a degree. To rotate an image 90 degrees clockwise, just type 90 into the *Angle* field. To rotate counter clockwise, place a negative sign (-) in front of the number in the *Angle* field. When you are done, click the *Save* button in the Image Editor palette. Depending on your options (particularly format), some metadata might be lost when saving the file.

See page 129 for instructions on how to rotate files with the Image Editor.