



## How to Stripe Drives on OS X

This Tip/Technique applies to the following Avid product(s): *Avid Xpress Mac, Film Composer, Media Composer, Media Composer Adrenaline*

ATTO ExpressStripe is the Utility that Avid utilizes to format, partition and stripe drives on OS X. ExpressStripe is the only utility supported to format, partition and format Avid drives on OS X. ExpressStripe is located in the Applications folder.

To launch ExpressStripe go to the Applications folder, locate the ExpressStripe Folder and within the folder is the icon for ExpressStripe (/Applications/ExpressStripe), double click the icon, the ATTO splash screen will appear, the splash screen will bring you to "Welcome to ExpressStripe for OSX", at the bottom of this screen you have two options "Quit" or "Login", click on the "Login" button to continue.

The next window you see will give you three options. "Create", "Delete", or "Utilities". At this point we will assume the drives you are going to stripe are new, so choose "Create".

### Creating Volumes

The next screen you see will be the "Create New Volume" window; we are going to assume again that the customer will be striping pairs together (or an even number of drives). Click on the "RAID 0" button.

You should now be at the "Create RAID 0 Array" window. Your new drives should show up in the window below under "Name, Size, Free, Model and Location tabs. By using the mouse and the Apple key select an even number of drives (It is not recommended to stripe an odd number of drives).

You now have the options of "Next" or "Finish". "Finish" will create one large volume from the selected drives, after the one volume is previewed, click on the "OK" button and one large striped volume (which incorporates all the drives that you selected during the "Create RAID 0 Array" section) will be generated.

If, instead of choosing the "Finish" button you choose the "Next" button you will have the option of creating a number of Volumes from the selected drives. Instead of "Finish" choose "Next", the window will ask you "How many volumes you wish to create?" Ignore the tab that says "Free Space". Go to the number of volumes pull down and use the arrow to the far right to select how many volumes you wish to create. Click "Next".

The next window you see should have the number of partitions, represented by one yellow and the rest blue blocks on the left side. You will also see 'Select Volume' which will toggle you through the volumes to the left, the active one is yellow, you will also see "Format" which should be "Mac OS Extended", Name (which you can use to name each volume individually, the yellow, selected volume is the volume that the name will be changed on so each volume has to be named one at a time). You will also see "Interleave" and "Size" leaves these at their default. Click on "Finish". You will see a preview of the volumes, along with the procedures that ExpressStripe will perform, if you are happy with the number of volumes and names click "OK", if you want to change the number of partitions or names, click "Back".

After clicking "OK" you will get a summary of the volumes created and the volumes will mount on your desktop. At this point you are finished with striping the drives and can click on "Quit". If you are not happy with the stripe group(s) created click on "Continue" and begin the procedure to delete the volumes.

### **Deleting Volumes or Initializing Drives**

In the "Welcome to ExpressStripe for Mac OS X" window you have three choices; "Create", "Delete", or Utilities. Click on the "Delete" button. This will bring you to the "Delete" window.

In the Delete window choose the "Initialize" button. This will bring you to the Initialize Drive window.

The drives that are available to be initialized will be located here. By using the mouse and the Apple key select the drive(s) you want to initialize. Click on the "Next" button.

You will now be in another Initialize Drive window; located in the window will be a summary of actions ExpressStripe will take. If the correct drives are selected, click on the "Drive(s) verified" radio button then click "OK" (you will not have access to the OK button until you click on the Drive(s) verified radio button).

After you have clicked "OK" you will get a window stating that the operation was successfully completed. Click on "Continue" to stripe drives, or click on "Quit" to successfully completed. Click on "Continue" to stripe drives, or click on "Quit" to exit.