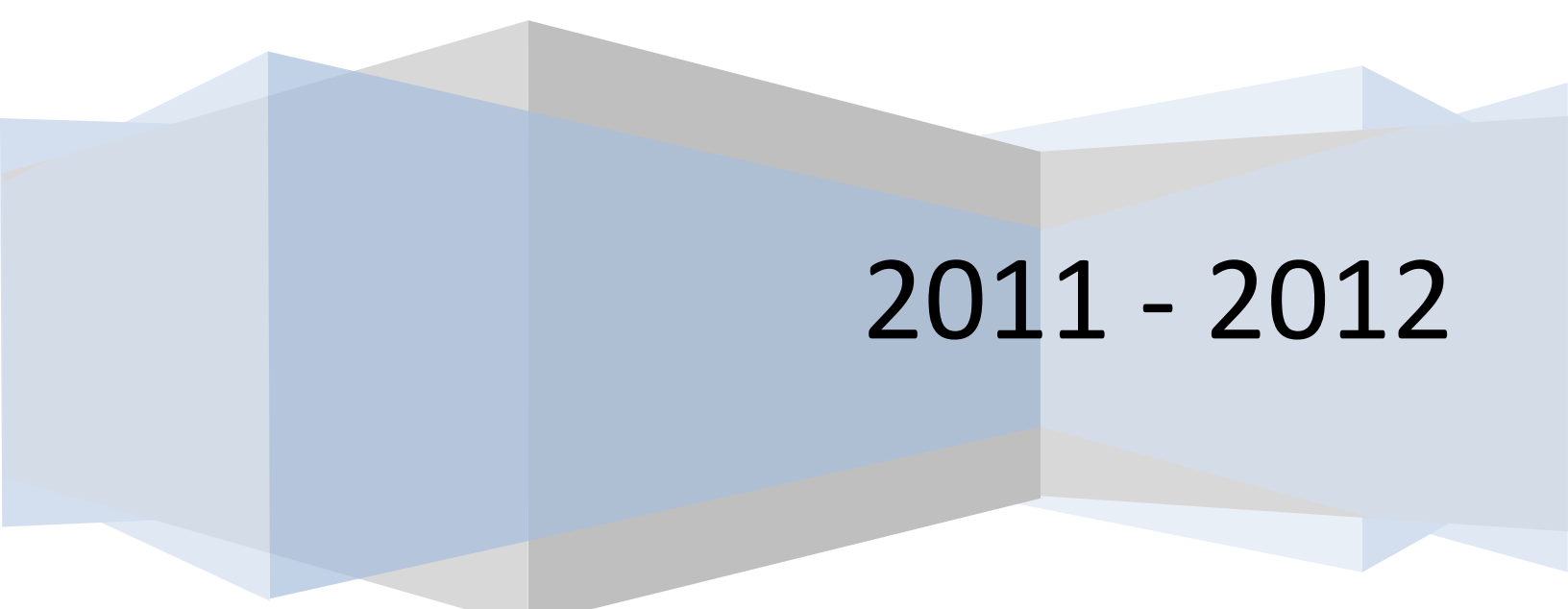


Instructional Television – [www.polk-fl.net/itv](http://www.polk-fl.net/itv)

# Mac Computer Imaging

Instructions and How-Tos



2011 - 2012

## Table of Contents

Introduction .....	3
Preparation .....	4
Erasing the Main Hard Drive .....	4
Performing the Disk Image .....	5
Finalizing and Testing .....	5
Updating Your Disk Images .....	5

## Introduction

Disk Imaging is the process of copying the contents of one computer hard disk to another. Your ITV Imaging Drive will only work for these specific Macintosh computers:

<b>Available Imaging Models (figure 1)</b>	
<b>iMac 21.5" Intel (Silver)</b>	<b>iMac 20" Intel (Silver)</b>
	
<b>iMac 17" Intel (White)</b>	<b>Mac Pro Tower</b>
	

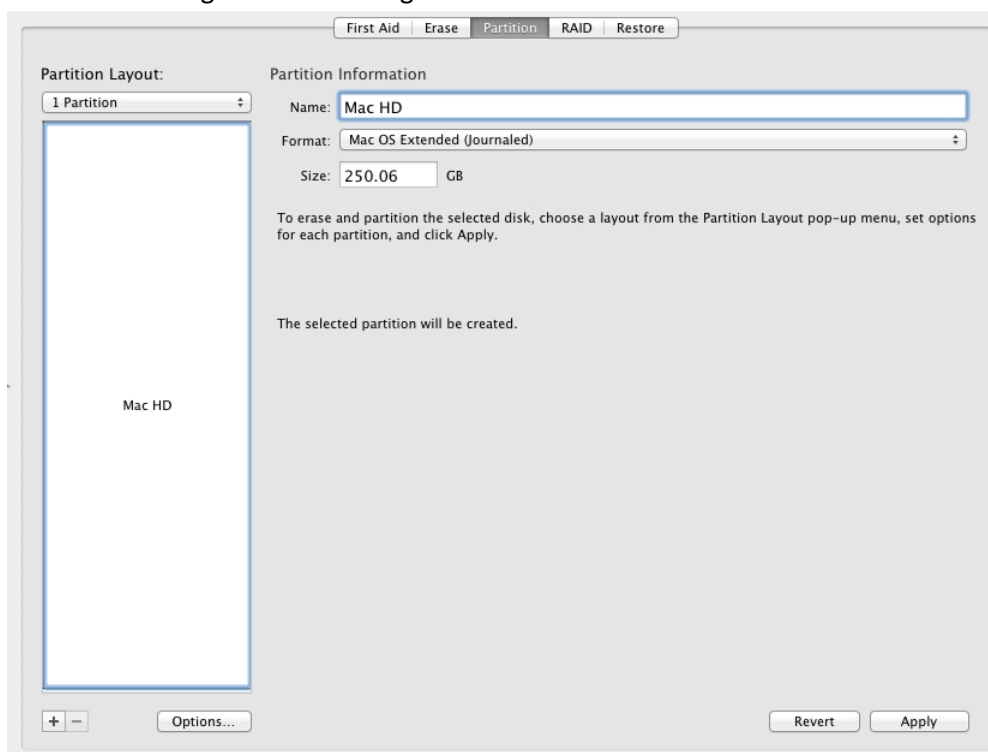
## Preparation

1. Shut down the computer
2. Disconnect any other USB or Firewire hard drives that might be connected from the back of the computer
3. Connect the ITV Imaging Drive via an open USB port on the back of the computer
4. Start the computer while holding the Option key until you see the Startup Disk Menu
5. Click the arrow of the Image that matches your computer model ([figure 1](#))
6. The computer will boot to the selected Disk Image.

Since the main hard drive's OS is identical to the Image's OS, it is difficult to tell which one you have booted to. If you followed the steps above, you should be OK.

## Erasing the Main Hard Drive

1. Double-click on the **yellow Mac HD** icon
2. Navigate to **Applications > Utilities**
3. Double-click the **Disk Utility** application
4. On the left column of Disk Utility, you will see your computer's main hard drive (grey icon). Select the non-indented icon. **Note: DO NOT click one of the yellow Image icons.**
5. Select the **Partition** tab
6. Match the settings described in figure 2:



7. Click **Options**
8. Select **GUID Partition Table** and click **OK**
9. Click **Apply** to perform the partition. Quit Disk Utility once it's finished.

## Performing the Disk Image

1. Double-click on the **top yellow hard drive** icon
2. Navigate to **Applications**
3. Double-click the **SuperDuper!** application
4. Input settings:
  - a. Copy:
    - i. Select the Image that matches the model of computer. For instance, if you have a 21.5" iMac you would select the *iMac 21.5" Intel (Silver)* image. If you select the wrong image, your computer will not boot and you will have to wipe and reload from a different image.
  - b. To:
    - i. Select the *silver Mac HD* drive
  - c. Using:
    - i. Backup – all files
5. Click **Copy Now**
6. A window will pop up asking for a username and password. Input the password if you have one (otherwise leave the password field blank) and click **OK**
7. Another window will appear. Click the **Copy** button to start the imaging process
  - a. Depending on the speed of the computer and the amount of data on the Image, the process could take anywhere between 45 minutes to 1.5 hours.

## Finalizing and Testing

1. Once the copy is completed, you can **quit SuperDuper!**
2. Go to **Apple > Shut Down...**
3. Click **Shut Down**
4. Wait for the computer to completely shut down and unplug the ITV Image Drive from the back of the computer.
5. Start the computer up by pressing the on button. Your computer should now boot to the main hard drive's newly imaged operating system.
6. Go to **Apple > System Preferences > Sharing**
7. Give the computer a unique name like iMac 01, iMac 02, etc to identify it on the network.

## Updating Your Disk Images

Keeping your Imaging Drive up-to-date is really crucial. Not only will these keeps things running more smoothly, but it will save you from having to update computers manually each time you image one. You can update images with almost anything you want from installing software that you have bought, changing default system settings, running software update, etc. Each time you image a computer, the updated settings will be passed along to the target machine. Updating the drives is very simple:

1. Shut down the computer

2. Disconnect any other USB or Firewire hard drives that might be connected from the back of the computer
3. Connect the ITV Imaging Drive via an open USB port on the back of the computer
4. Start the computer while holding the Option key until you see the Startup Disk Menu
5. Click the Image that matches your computer model ([figure 1](#))
6. The computer will boot to the selected Disk Image.

Since the main hard drive's OS is identical to the Image's OS, it is difficult to tell which one you have booted to. If you followed the steps above, you should be OK.

7. Perform any updating that you want. Here are some examples:
  - a. Run Software Update to keep programs on the Image Drive up-to-date.
  - b. Install a piece of software that does not come on the default image like Photoshop or After Effects.
  - c. Change system settings like the dock appearance, wallpaper background, or screen savers.
8. Go to **Apple > Shut Down...**
9. Click **Shut Down**
10. Wait for the computer to completely shut down and unplug the ITV Image Drive from the back of the computer.

The Disk Image is now up-to-date.