

## SMART BOXES



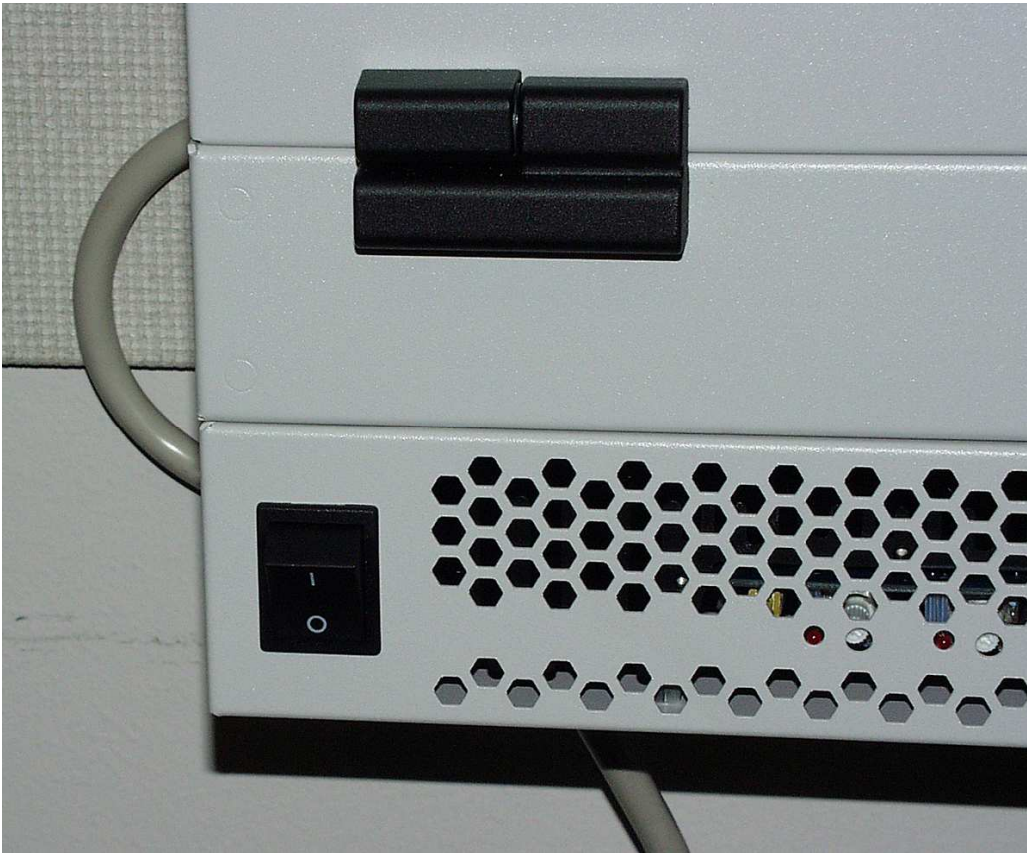
Smart Boxes perform the same functions as Smart Panels. Only the Layout is different.

A Smart Box has a hinged shelf that pulls down. It contains the VCR/DVD Player and a place to set your laptop computer.

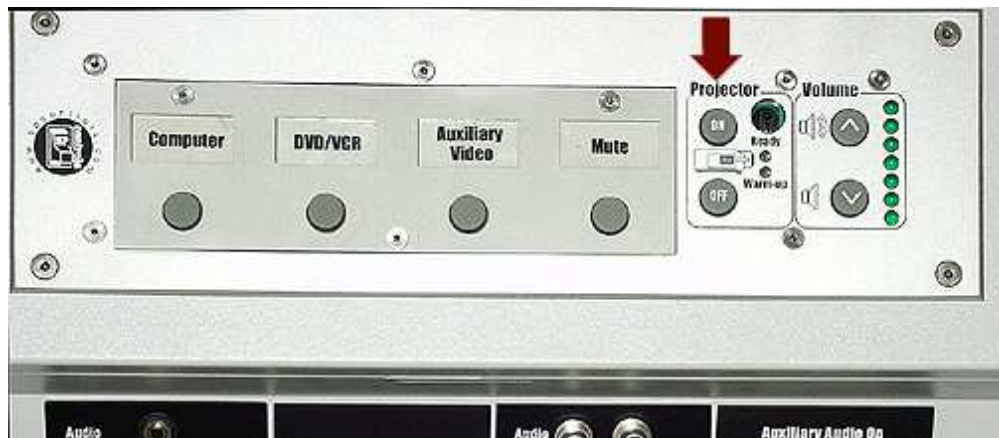


## Powering Up

The On/Off Switch is in the lower left corner of the unit below the shelf hinge.



All Smart Box Operations (except for the playing of Audio CD's) begin by pressing the **Projector ON** button. *The Smart Box will not power up immediately. You must wait for the Red Light to stop flashing before going to the next step. Do not hit the button more than once this will only begin the start up cycle again and further delay powering up.*

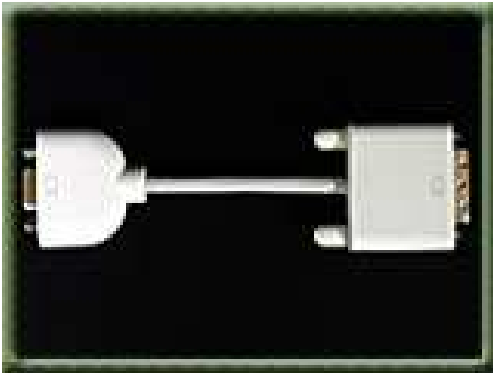


## Laptop Operation

1. Connect one end of the VGA cable to the monitor port on the laptop. Connect the other end to the VGA input port on the Smart Box (see below). Both ends of a VGA cable are the same.



2. If your laptop doesn't have VGA port on your laptop, will need an adapter. The adapter should have come with the computer. This is typical of new Mac Laptops.



VGA to Mini-DVI Adapter



VGA to DVI-Adapter

3. On The Smart Box, press **Projector ON** and

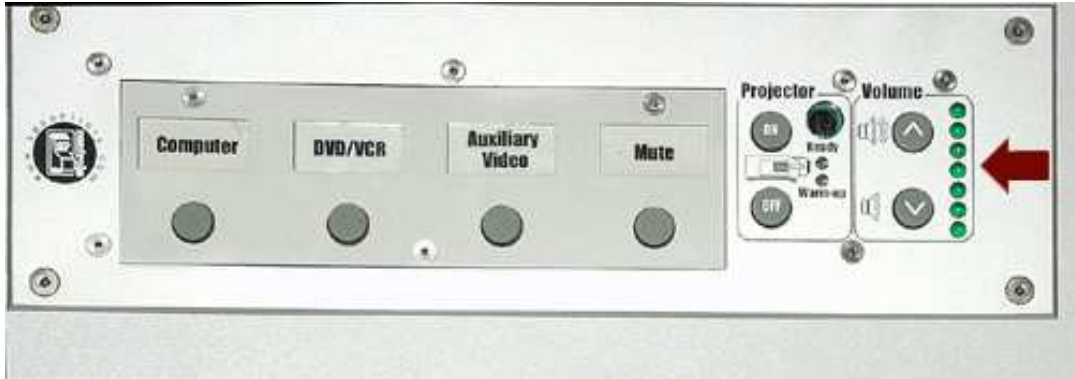


4. Select **Laptop** by pressing button under the laptop label.



5. If you need audio from the laptop, connect an audio cable from the audio out port on the laptop to audio jack on the laptop module of the Smart Box. (see **Auxiliary Audio** below)
6. Turn on laptop.

7. Use the volume buttons to adjust the sound volume level



8. **Troubleshooting:** If no image is showing on the projection screen, you will need to enable external video on your laptop as follow:
- i. **For PC laptops**, press function (Fn) key simultaneously with the LCD/CRT key OR one of the “F” keys at the top of your keyboard. Which “F” key will depend on your laptop, but the word “monitor” or an icon of a monitor will usually identify it. It is always either F3, F6, F7 or F8.
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Function Key



Compaq Presario  
F3



Sony PCG-GR  
F7



Toshiba Satellite  
F5

- i. **If you have a Dell Computer:**
  1. right-click on the Windows desktop and select `Properties'. This will open the `Displays' control box.
  2. Select the `Settings' tab; a monitor position visual depiction will be displayed. It is safe to ignore this.
  3. Instead, look for the `Advanced' button. Press this.
  4. A new dialog box will appear; Here's what to look for
  5. In one of the tabs (`Displays' or something like that),there's an option to choose whether the internal LCD screen or the external display (the projector) is the `Secondary' display - there's a radio button at the bottom of the window under each.
  6. You want the external monitor (projector) to be the `primary' display, so be certain that the `secondary' button is not selected for the external display.

- 10. Macs:** Macs should not require this step except in the case of some older laptops. If you have one of these older Mac laptops it may be necessary to go to the Monitor/Display Control Panel and select “Detect Displays”.

## VCR/DVD Operation

1. On the Smart Box, press **Projector ON**
2. Select DVD/VCR by pressing the button under the **DVD/VCR** label.



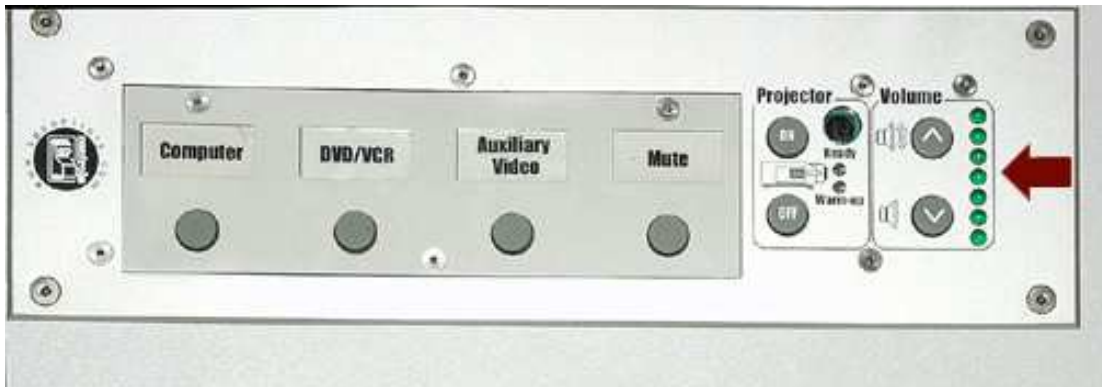
3. Insert DVD and press Play on the DVD Player OR...



4. ...Insert the VHS Tape and Press Play on the VCR



5. Use the volume buttons to adjust the volume level.



## Audio CD's

1. To play an Audio CD, It is not necessary to Press the Projector On button after powering up since no images are being projected
2. Press the Auxiliary Audio button.



3. Insert the CD into the DVD player and Press Play



4. Use the volume buttons to adjust the volume.



## Auxiliary Audio (Laptops)

1. The Smart Box's audio cable connections are located on the lower left hand corner of the box in just above the VGA cable connection



2. Smart Boxes uses a mini to mini jack. Both ends of the cable look the same.



3. One end is plugged into the laptop (where depends on your laptop) and the other into the Smart Box's audio cable connection.