

Projecting from a Computer

Once you've checked out the Multimedia Projector, make sure you have everything you'll need for your classroom. If you're going to use your classroom iMac to project, you will need to check out an Adapter that plugs into the back of your iMac. This Adapter allows you to connect the Projector to your iMac



iMac VGA Adapter



50-Foot VGA Cable

Next, you'll need to setup the Projector in your room. If you're projecting within 10 feet of your computer, no additional cables are needed, if you're projecting from further than 10 feet, you'll need to check out one of the 50-foot VGA Cables from the Library

****Note, however, that the 50-Foot VGA Cables have a Male AND a Female end. You will need to use the Black VGA Cable provided in the projector bag ALONG WITH the 50-foot VGA Cable. Simply plug one end of the Black VGA Cable into the FEMALE end of the 50-Foot VGA Cable. You re now ready for the next step.****

Place the Projector on a flat surface, and locate the Power Cable. The power cable is plugged into the back of the Projector, on the lower right side (it says AC IN). Next, flip the I/O Switch to the left of the power Plug to the I side (to the right) to Turn On the projector.



Power Connector and Switch

Next, locate the “COMPUTER IN” plug on the back of the Projector (it’s a blue plug). Plug one end of your VGA Cable into this plug, and the other end into your Computer.



Computer IN Port

If you’re using an Adapter for the iMac in your room, make sure you plug it into the correct spot (there’s only one port which will accept the Adapter). This port is the furthest to the right on the back of the computer (nearest to the Power Switch)



VGA Adapter Port on iMac



Projector Controls

Locate the controls on the top of the Projector, and press the “ON/STAND BY” button (it’s got a green dot on it). The projector should beep and warm up. The Power LED light will change from Amber to Green, and you should start to see a warm-up screen being projected onto the wall. Once the projector is properly warmed up (about 35 seconds), it will project your computer screen onto the wall. If you don’t see your computer screen being projected, flip to the **Troubleshooting** section.

****If the picture you re projecting on the wall is out of focus, you will need to locate the Focus wheel near the front of the Projector. Move this wheel right or left to focus the screen. If your picture is too big or too small, you can try moving the Projector closer or farther from the wall, or use the Zoom button to make the picture bigger or smaller.****



Focus Wheel

To turn the Projector off, press the “ON/STAND BY” button once. This will display a screen that asks you if you want to power off. Press the “ON/STAND BY” button a second time to turn the Projector OFF. You will hear a internal fan start to cool the projector down as the screen goes black. **DO NOT PULL THE PLUG ON THE PROJECTOR UNTIL THE FAN HAS STOPPED RUNNING.** The Fan on the Projector will cool the Lamp down and greatly extend its life. ***Please don t interrupt the projector while the Fan is running. You should power the Projector down if there is a 10 minute period of time where you won t be using the Projector. This GREATLY extends the life of the Projector Lamp.***

When you’re done, turn off the Projector, disconnect all the cables, and put them back in the Projector Bag. If you’ve borrowed an Adapter and/or the 50-Foot VGA Cable, please Disconnect it from the VGA Cable that’s provided with the Projector (Black Cable, Blue Ends) and use the Velcro Strips to bind it back up. All materials borrowed are to be checked in and out through the Media Center.

Projecting from a DVD/VCR Player

Projecting from a DVD/VCR Player is similar to projecting from a Computer, however you need to make two key changes: Use RCA Cables, and change the Source on the Projector. RCA Cables (like those shown on the right) are used to connect the Video and Audio from the DVD/VCR Player to the Projector.



RCA Cables



Video IN

Plug one side of your RCA Cables into the ports on your DVD/VCR Player marked **VIDEO OUT**, and plug the other ends into the **VIDEO IN** port of the Projector.

Next, power the projector on using the steps provided in **Projecting from a Computer**. When you start to see the Blue Power-On screen, hit the SOURCE button on the top of the projector. This brings up the Source Screen on the wall. Use the 4-way Select button (the cross in the middle) to move up or down to change the source to Video from Computer. Turn on your DVD/VHS Player, and you should see video being projected

*** NOTE! While this is great for projecting video, you will have problems with Audio. There IS a small speaker built-into the projector, but it s not too extremely loud. Use the 4-way Select button (the cross) and push Right to make the speaker louder, and Left to make the speaker softer. If the volume is not adequate, you might need to seek other forms of display (i.e. TV).*

Troubleshooting

** If, after a minute or so from turning on your projector you still only have a Blue Screen projected on your wall, check to make sure the VGA Cable is snugly plugged into your computer and the projector. Next, hit the SOURCE button on the top of the projector. This will project the Source Screen. Use the 4-way Select button to move the selector up or down, but make sure you're selecting the choice that says "Computer." If it's on anything OTHER than Computer, the projector will only project a blue screen.

** The 50-Foot VGA Cable has both a male AND a female end, but male ends are needed to plug into the Projector AS WELL as your computer. The solution is to plug the VGA Cable that's provided with the projector (it's a black cable with blue ends) into the Female end of the 50-Foot VGA Cable. This will give you a 60-Foot VGA Cable with two Male Ends.

** Projecting video from a laptop is tricky. The reason is, you have to hit a key on the laptop to SEND the video signal to the projector (not necessary for Apple Laptops). Normally, there is a symbol or writing above one of the "F Keys" at the top of your keyboard that will designate this magic Key Combination. Sometimes it says "CRT/LCD," sometimes it has a small square picture that looks like a monitor, and sometimes it's something altogether different. Unfortunately, most laptops are different. In the pictures below, notice that the F8 button has "CRT/LCD" written above it, and it requires pushing the Purple "Fn" button before you hit the F8 key. Normally, these PC laptops have three "States": Monitor ON and Video Out OFF, Monitor OFF and Video Out ON, and Monitor ON and Video Out ON. You have to keep toggling the button to switch "states." In this case, please refer to the instructions that came with your laptop or call Gary.

