

# MAC Adapter Information for Pratt Classroom Spaces

Recently we have been experiencing issues with connecting to the current classroom configuration here at Pratt. The major issue has been with laptops and connection to the AV system. Below is a quick checklist for presenters using the AV systems at Pratt. We suggest adding this checklist to any documentation regarding upcoming events or seminars.

We have also included a list of adaptors for Macintosh computers.

## Presenter Checklist

1. VGA laptop adaptor. This applies mainly to Mac users. The presenter should be made aware that they will need to provide the correct adaptor for displaying via a VGA connection.
2. Microsoft Office 2003 is the current installed on the classroom PC's at Pratt.
3. PowerPoint remotes work only with the room PC. If presenting with a laptop the presenter will need to provide the remote.
4. Wireless Password. OIT changes the password every Monday.
  - a. The password can be obtained by calling OIT Service desk.
  - b. It is possible to have the password send via email each Monday. Contact OIT.

## MAC Adaptor List

**HDMI (Connects to HDMI, DVI)** – Only in use on the newest Mac mini, mid-2010 model. HDMI is an audio/video standard in use for about half this past decade in A/V equipment.

**Mini DisplayPort (Connects to VGA, DVI, HDMI[using non-Apple adapters])** – This is the adapter used for all current Macs, be it a MacBook, MacBook Pro, Mac Pro, Mac mini, MacBook Air, or iMac. While technically supporting audio as well, Apple doesn't yet make an adapter that offers this function, and only the newest generation of Macs can support audio over Mini DisplayPort.

- If you're using a 30" Apple Cinema Display or other large monitor supporting a resolution of 2560×1600 or similar, the Mini DisplayPort to Dual-Link DVI Adapter will be required.
- *Special Note: Some devices use Mini DisplayPort as a standard input, such as the 27" iMac (Did you know it could be used as a monitor?) and the 24" Apple LED Cinema Display.*
- *MacBook Owners Beware: Do not confuse this with the next one down!*
- *MacBook Air Owners: The first generation uses Micro-DVI. See below.*

**Mini-DVI (Connects to VGA, DVI, S-Video, and Analog Composite)** – This adapter is used by older Macs. Any MacBook older than October 2009 (non-unibody, with removable battery), Intel iMacs older than mid-2009, and Intel Mac minis older than summer 2010. Throughout this generation, the Mac Pro towers and MacBook Pros (silver keyboard) had full-size DVI only. For these devices, see the DVI adapter listed.

- *Special Note: The 12" PowerBook G4 1GHz and above also used this adapter.*

**Mini-VGA (Connects to VGA, S-Video, and Analog Composite)** – We’re now going back a bit. The use of this adapter started with the white iBook 12” (2001 Dual-USB model, just after the colorful clamshells had their time). It carried on through the 12” PowerBook G4s (up to 867MHz models), iBook G4s, and G4 & G5 iMacs.

**Micro-DVI (Connects to VGA, DVI, S-Video, and Analog Composite)** – Only the first generation MacBook Air used this adapter, introduced January 2008. The MacBook Air’s body was too thin for Mini-DVI, and it wasn’t until Mini DisplayPort was released that the MacBook Air was updated.

**DVI (Connects to VGA, DVI, S-Video, Analog Composite)** – This isn’t so much an adapter as it is a standard. Pretty much all new monitors come with this now. The PowerBook G4 & MacBook Pro 15” & 17”, as well as G4 Mac minis, Power Mac G4 (aside from those using VGA or ADC), Power Mac G5, and Mac Pros used this as a connection standard for their external monitors. It has the same adapter options as Mini-DVI because it uses the same technology.

**ADC (Connects to Apple ADC Studio & Cinema Displays)** – This connection was in use by Apple on the Power Mac G4, Power Mac G5, and the Power Mac G4 Cube. It offered power, video, and USB over a single cable. The required adapter to use DVI displays with these machines is an ADC to DVI adapter. For using these displays with DVI machines, an Apple DVI to ADC Adapter is required, acting as a power adapter for the monitor.

**DB-15 (Connects to VGA)** – Hardly worth mentioning in this era, is the connection Apple used to connect their Apple Displays to older Macs (Prior to 1999). While a DB-15 connector, it was a different shape than VGA. This required a small adapter, and for some, a specific pin setting was required.

**iPad/iPod/iPhone Audio/Video Interface** – While technically not a Mac, I should include these. Via the Dock Connector on the bottom of the device, these devices support audio and video out through either Composite or Component Audio/Video adapters. These adapters also come with a charging block, and support for charging while playing. The iPad also supports VGA-out, using the Apple iPad Dock Connector to VGA Adapter, incredibly useful for giving presentations from the iPad via a standard projector.