

# LfA Audio Video Adapter Guide

*Charles River and Fenway campuses*

**For LfA, instructors that use their laptops will need to connect to the following classroom cables**

1. The in-room display cable (HDMI or VGA+audio)
2. The room camera and microphone cable (USB-A)
3. (Optional) Wacom tablet or document camera cable (USB-A)

*Note: If using VGA you will also need to connect the audio cable to your headphone jack.*

Please check <http://bu.edu/classrooms> to see whether your room offers HDMI or VGA.

Now check your laptop. If your laptop has a "standard" USB (also known as USB-A) port and an HDMI or VGA port (whichever your classroom requires), then you are all set. Otherwise, you need an adapter.

## If you have a PC

→ Look to see if you have an HDMI or VGA port (whichever your classroom requires)



→ If you do not have either  
◆ Look for a Mini-DisplayPort



- If you have a Mini-DisplayPort, you need a Mini-DisplayPort adapter to

HDMI or VGA



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- ◆ Look for a USB-C port



- -> if yes, you need a USB-C adapter to HDMI or VGA



Note: If you have both a Mini-DisplayPort and a USB-C port you may use either kind of adapter. If you prefer to use a USB-C adapter, please make sure that your laptop has additional available USB-C or USB-A ports for the room camera and microphone cable and (optionally) the Wacom tablet or document camera cable.

- Look to see if you have 1 or 2 USB-A available ports



- ◆ If not, look for a USB-C port. If you have one, you will need a USB-C to USB-A adapter



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## If you have a Mac...

→ Look to see if you have an HDMI (if you need VGA skip to Mini-DisplayPort or USB-C)



◆ If not, look for a Mini-DisplayPort



• If you have a Mini-DisplayPort, you need a Mini-DisplayPort adapter to

HDMI or VGA



◆ Look for a USB-C port



• -> if yes, you need a USB-C adapter to HDMI or VGA



Note: If you have both a Mini-DisplayPort and a USB-C port you may use either kind of adapter. If you prefer to use a USB-C adapter, please make sure that your laptop has additional available USB-C or USB-A ports for the room camera and microphone cable and (optionally) the Wacom tablet or document camera cable.

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→ Look to see if you have 1 or 2 USB-A available ports



- ◆ If not, look for a USB-C port. If you have one, you will need a USB-C to USB-A adapter



**For LfA, instructors will need both a connection to the in-room display (HDMI or VGA+audio) and a connection to the camera and microphone (USB3.0). Instead of purchasing two separate adapters, it may be useful to obtain a single multi-port adapter, which includes both a HDMI/VGA port and more than one USB3.0 ports. Most of these adapters connect to an USB-C port on your laptop. Here are 3 different versions:**

[Apple multiport adapter](#)

[Anker USB C Hub Adapter](#)

[Anker USB C Hub Adapter 2](#)

**There also exist multiport adapters that connect to a “standard” USB-A (for older laptops that do not have USB-C). Here is one:**






[USB to HDMI Adapter,5-in-1 USB 3.0](#)

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## SUMMARY: A/V ADAPTERS FOR LfA

Please check <http://bu.edu/classrooms> to see whether your room offers HDMI or VGA.

Newer Laptops and some tablets/smartphones	USB-C → USB3.0		Small, rounded bar to small rectangle. Used for connecting to LfA cameras and microphones.
	USB-C → HDMI		Small, rounded bar to small trapezoid. Used for connecting to in-room display & loudspeakers.
	USB-C → VGA		Small, rounded bar to large trapezoid with many pins. Used for connecting to older in-room displays.
Older Laptops	Mini-Displayport → HDMI		Small, squarish connector to small trapezoid. Used for connecting to in-room display & loudspeakers.
	Mini-Displayport → VGA		Small, squarish connector to large trapezoid with many pins. Used for connecting to older in-room displays.

For LfA, instructors will need both a connection to the in-room display (HDMI or VGA+audio) and a connection to the camera and microphone (USB3.0). It may be useful to obtain a multi-port adapter, which includes both a HDMI/VGA port and more than one USB3.0 port.