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](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

Adapter guide. Updated: 8/29/2020
◆ 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
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.
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 [https://bu.edu/classrooms](https://bu.edu/classrooms) to see whether your room offers HDMI or VGA.

<table>
<thead>
<tr>
<th>Newer Laptops and some tablets/smartphones</th>
<th>USB-C  $\rightarrow$ USB 3.0</th>
<th>Small, rounded bar to small rectangle. Used for connecting to LfA cameras and microphones.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>USB-C $\rightarrow$ HDMI</td>
<td>Small, rounded bar to small trapezoid. Used for connecting to in-room display &amp; loudspeakers.</td>
</tr>
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<td></td>
<td>USB-C $\rightarrow$ VGA</td>
<td>Small, rounded bar to large trapezoid with many pins. Used for connecting to older in-room displays.</td>
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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 (USB 3.0). It may be useful to obtain a multi-port adapter, which includes both a HDMI/VGA port and more than one USB 3.0 port.

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