AV training

Recommended trainings

Below, I've listed essential AV information. It's HIGHLY recommended to be familar with everything below as they are important to working in the AV room

Digital Audio Foundations course (~3 hours) on Lynda

1. Register for a NYPL card online if you don't have one. NYPL = Manhattan/Staten Island/Bronx, Queens Library = Queens only. Apply here
2. Log in to Lynda via this NYPL link: LinkedIn Learning - Lynda | The New York Public Library (nypl.org)
3. Search for the `Digital Audio Foundations` course: Digital Audio Foundations course | Lynda

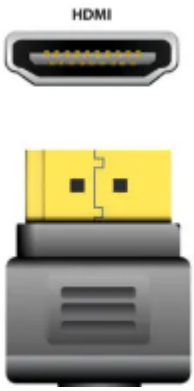
Cables/connectors that we use

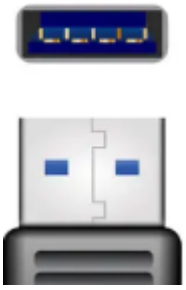
Audio cable connectors/terminators

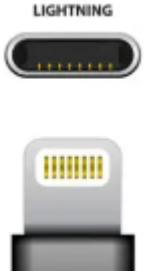
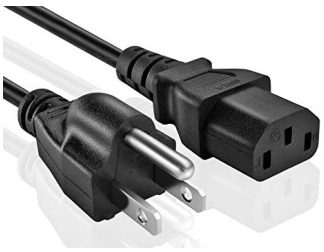
Name (commonly used terms listed first)	Typical usage	Image
1/4" / 6.35mm / Instrument cable	Instruments, mixers, headphones	

XLR	Microphones, mixers	
3.5mm or 1/8"	Portable devices (phones), headphones	

Video/power cable connectors/terminators

Type (primary use)	Name	Typical usage	Image
Video/audio	HDMI	Displays	
Video	Micro HDMI	Cameras	

Video	DisplayPort	Displays	
Video	VGA	Old displays	
Video	DVI	Old displays	
Data/power	USB A (2.0 is slow, 3.0+ is faster)	Most full sized devices for non-video data/power	
Data	USB B	Printers	
Data/power	USB C	Small devices, laptops, phones	

Data/power	Micro USB	Small devices, being replaced slowly by USB C	
Data/power	Mini USB	Cameras, small rugged devices	
Data/power	Lightning	"The iPhone connector"	
Data/power	Ethernet/RJ45	Most wired internet	
Power	Lenovo power	Lenovo laptops	
Power	"The computer power cable" (NEMA 5-15P to IEC320C13) NEMA 5-15P = 3 prongs IEC320C13 = side with holes	Desktops/monitors/printers	

Power	Barrel plug, comes in all types of sizes	Everywhere, portable keyboards, power supplies, small devices	

Revision #2
Created 10 January 2024 15:23:16 by Andrew
Updated 10 January 2024 16:31:38 by Andrew