

DESIGN STANDARD

274100D05 Standard Collaboration Space - Level 1

Revision: 0

Modified: 9/26/2024



Engineered By:

University of Kentucky

ITS AV Services

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This document in addition to the attached set of plans serve as an Audio/Visual Reference Design Standard for the University of Kentucky's Collaboration Spaces. This design is intended for meeting spaces of one to five people who wish to view documents on a large display.

The Collaboration Space features a 55" flat panel display mounted on a wall or appropriate piece of furniture. The television is connected to a wireless presentation receiver which also serves as the controller for the space. The receiver enables students and staff using most Windows, Mac, iOS, and Android devices to present via Wi-Fi using the campus wireless network. Additionally, an HDMI wallplate is provided for traditional wired connections from laptops. When the HDMI cable is connected, the wireless receiver will automatically present that device. When the HDMI cable is disconnected, the receiver will return to wireless presentation mode. Teams and Zoom capability is possible utilizing the display for content and audio and the user's laptop for the camera and microphone. The wireless receiver also turns the display on and off based on a customizable schedule.

Optional Features and Equipment:








Through coordination with ITS, each collaboration space can be setup as a location in Active Directory with its own calendar. When scheduling a meeting, the room is set as the location and is automatically reserved. The display in the room will show room availability and the next scheduled event.

An optional USB-C adaptor is available which enables a direct wireless connection to the receiver without using the campus wireless network. This adaptor can also be permanently installed under a table with a USB cable passing through the tabletop for connection to devices. Up to four adaptors can be used at the same time to show multiple devices on the display.





An occupancy sensor can be added to automatically power the display on when the room is in use, and power it off when not in use.

A 7" touch panel can be provided to provide manual control of the system including which device is presented, and display volume.

AV Sources

	1	COMPREHENSIVE WPPT-HD1-AC HDMI Pass-Through Single Gang Aluminum Wall Plate with Pigtail	
	1	COMPREHENSIVE MHD48G-6PROBLK MicroFlex Pro AV/IT Integrator Series 8K 48G HDMI Cable, Jet Black, 6ft	
	1	CRESTRON AM-3200-WF AirMedia Wireless Presentation Receiver with HDMI Pass-through and Wi-Fi Network Connectivity	
	200	COMMSCOPE UN874043004/10 Category 6 U/UTP Cable, Plenum Rated, Blue	
	1	COMPREHENSIVE MHD48G-6PROBLK MicroFlex Pro AV/IT Integrator Series 8K 48G HDMI Cable, Jet Black, 6ft	
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Additional Options			
	1	CRESTRON AM-TX3-100 AirMedia Series 3 Connect Adaptor	\$503.11
	1	TRIPP LITE U421-006 USB-C M-F Extension Cable, USB 3.2 Gen 1, Thunderbolt 3 Compatible, Black, 6 ft	\$23.11

Video Displays

	1	SONY FW-55BZ30L 55" 4K HDR Professional Display	
	1	CHIEF LSM1U Fusion Micro-Adjustable Fixed Wall Mount for 42"-86", 200lb Flat Panel Displays	
	1	CHIEF PAC525FCW In-Wall Storage Box with Flange and Cover, White	
	200	COMMSCOPE UN874043004/10 Category 6 U/UTP Cable, Plenum Rated, Blue	



1 **COMPREHENSIVE MPS-MPS-6ST**
 Standard Series 3.5mm Stereo Mini Plug to Plug Audio/Control
 Cable, Black, 6ft



1 **MIDDLE ATLANTIC RLNK-215**
 Select Series PDU with RackLink, 2 Outlet

Control and AV Switching

Additional Options



1 **CRESTRON CEN-ODT-C-POE** \$330.00
 Dual-Technology Occupancy Sensor, PoE, 2,000 Sq Ft



100 **COMMSCOPE UN874043004/10** \$0.00
 Category 6 U/UTP Cable, Plenum Rated, Blue



1 **CRESTRON TSW-770-B-S** \$1,029.00
 7" Wall Mount Touch Screen, Black Smooth



100 **COMMSCOPE UN874043004/10** \$0.00
 Category 6 U/UTP Cable, Plenum Rated, Blue



1 **CRESTRON TSW-770/1070-MSMK-ANG-B-S** \$39.00
 Multisurface Mount Kit for TSW-770 and TSW-1070 Series,
 Angled, Black Smooth