

# DESIGN STANDARD

## 274100D07 Standard Collaboration Space - Level 2 Equipment List

Revision: 1  
Modified: 4/29/2026



Engineered By:

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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 Space - Level 2. This design is intended for meeting spaces of one to six people who wish to view documents on a large display and have access to video conferencing capabilities.

The Collaboration Space features a 55" flat panel display mounted on a wall or appropriate piece of furniture. The display 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 "eduroam" wireless network. The wireless receiver also turns the display on and off based on a customizable schedule.

\*When presenting via Wi-Fi, Windows devices use the built-in MiraCast (Win+K) feature. All Apple devices use the built-in Screen Mirroring feature. Android and ChromeOS devices use the built-in Casting feature.

### Level 2 Step-up Features and Equipment

A USB-C adaptor 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. When connecting with the adaptor, the video resolution is 4K which is optimal for videos and building plans. Up to four adaptors can be used at the same time to show multiple devices on the display. A smart soundbar is mounted below the display. The soundbar features a speaker, microphone, and auto-framing camera which connect to the receiver. When a laptop is connected using the USB-C adaptor, the soundbar is bridged to the laptop and can be used for conferencing in Teams and Zoom.

### Optional Features and Equipment:

Through coordination with ITS, each collaboration space can be setup as a room 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.

Through coordination with Smart Campus, the display can show a Korbyt digital signage feed when a presentation is not in process.

An HDMI cable and/or wallplate can be 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.

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 installed to provide manual control of the system including which device is presented, and display volume.

## Revision History

4-29-2026

- Updated flat panel display to new model
- Updated optional touchpanel and its accessories to new models
- Changed IDF LAN drops to CAT6A F/UTP
- Added CAT6 patch cables to devices
- Removed all references of AirMedia connectivity to Guest network
- Added UK mounting bracket for AirMedia transmitter



**1 CRESTRON AM-3200-WF**  
AirMedia Wireless Presentation Receiver with HDMI Pass-through and Wi-Fi Network Connectivity



1 COMMSCOPE CO166S2-0ZF002  
Category 6 U/UTP Reduced Diameter Patch Cable, Blue, 2ft



100 COMMSCOPE UN874034704/10  
Category 6A F/UTP Cable, Plenum Rated, Blue



1 COMPREHENSIVE MHD48G-6PROBLK  
MicroFlex Pro AV/IT Integrator Series 8K 48G HDMI Cable, Jet Black, 6ft



**1 CRESTRON AM-TX3-100**  
AirMedia Series 3 Connect Adaptor



1 TRIPP LITE U421-006  
USB-C M-F Extension Cable, USB 3.2 Gen 1, Thunderbolt 3 Compatible, Black, 6 ft



1 UK AM-TX3-100 MOUNT  
Under-table Mount for Crestron AM-TX3-100

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**Additional Options**



**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 SONY FW-55BZ30P**  
55" 4K HDR Professional Display, Non-Glare



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



1 COMMSCOPE CO166S2-0ZF002  
Category 6 U/UTP Reduced Diameter Patch Cable, Blue, 2ft



1 COMMSCOPE CO166S2-0ZF005  
Category 6 U/UTP Reduced Diameter Patch Cable, Blue, 5ft



200 COMMSCOPE UN874034704/10  
Category 6A F/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



**1** **CRESTRON UC-SB1-CAM**  
UC Video Conference Smart Soundbar with Huddly IQ Camera



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

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**Alternates**

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**1** **JABRA PANACAST 50 BLACK**  
All-in-One Video Bar for Small to Medium Rooms, Black



**1** **LOGITECH RALLY BAR GRAPHITE**  
All-in-One Video Bar for Medium to Large Rooms, Graphite



**1** **LOGITECH RALLY BAR HUDDLE**  
All-in-One Video Bar for Huddle and Small Rooms, Graphite



**1** **LOGITECH RALLY BAR MINI GRAPHITE**  
All-in-One Video Bar for Small to Medium Rooms, Graphite

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Additional Options



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



**1**      **COMMSCOPE UC1BBC2-0ZF005**  
Category 6 U/UTP Patch Cable, Plenum, Blue, 5ft



**100**      **COMMSCOPE UN874034704/10**  
Category 6A F/UTP Cable, Plenum Rated, Blue



**1**      **CRESTRON TSW-880-W**  
8.1 in. Wall Mount Touch Screen, White



**1**      **COMMSCOPE CO166S2-0ZF001**  
Category 6 U/UTP Reduced Diameter Patch Cable, Blue, 1ft



**100**      **COMMSCOPE UN874034704/10**  
Category 6A F/UTP Cable, Plenum Rated, Blue



**1**      **CRESTRON TSW-880/1080-MSMK-ANG-W**  
Multisurface Mount Kit for TSW-880 and TSW-1080 Series, Angled, White