

DESIGN STANDARD

274100D05 Standard Collaboration Space - Level 1 Equipment List

Revision: 2
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 1. This design is intended for meeting spaces of one to six 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 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.

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 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. 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.

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

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 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



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

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