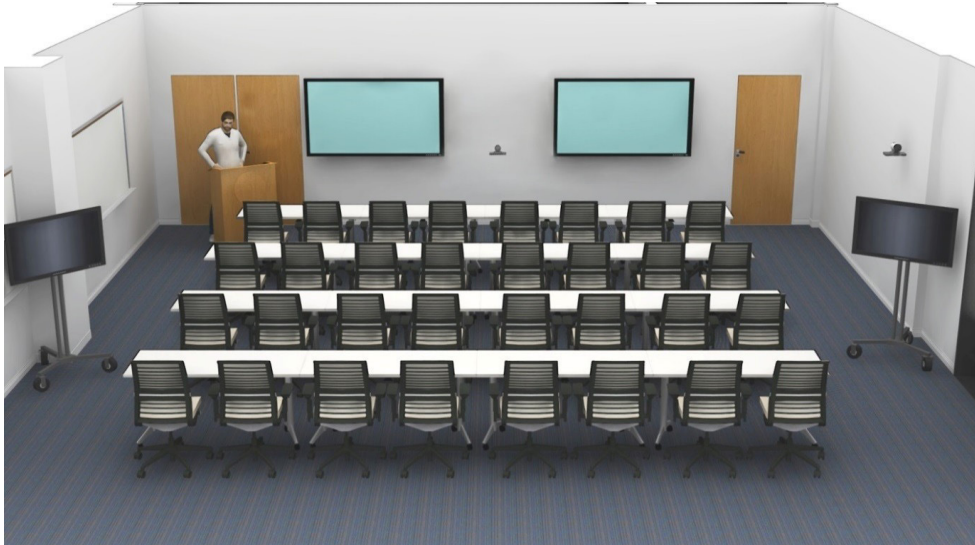


PROAV DESIGN GUIDE

Multi-Purpose Space

Flexible 32-60 person space for all-hands, training, and classroom configurations.



Reference layout: dual 86" primary, dual 65" repeat, dual 55" confidence monitors, presenter & audience cameras.

One space, every configuration.

The ProAV Multi-Purpose Space is tailored to meet the needs of dynamic environments that accommodate 32-60 people. The space provides ultimate flexibility for company-wide meetings, presentations, seminars, and training - with layouts including formal presentations, conference discussions, and team collaboration.

The room features dual 86" primary displays for the main viewing area, dual 65" repeat monitors for areas not covered by primary displays, and dual 55" confidence monitors for the presenter's convenience. The standard system includes a presenter camera plus unlimited cameras for alternate viewing angles.

Audio amplification, playback, and in-room voice lift are managed by an external DSP for both near and far-end audio. Networked ceiling microphones combined with a network-based wireless microphone system are recommended. A touch display can be configured in Whiteboard companion mode for added convenience.

FOOTPRINT	TECHNOLOGY	FURNITURE
40' x 70' 880 sq ft Seats: up to 60	\$75K-\$95K Camera tracking, video, audio & control	\$75K-\$120K Large Table & Seating for 20 participants

KEY FEATURES

- Dual 86" Primary Displays
- Repeat + Confidence Monitors
- Teams + Zoom Ready
- Multi-Camera Tracking
- Voice Lift & Wireless Mics
- Touch Whiteboard Mode

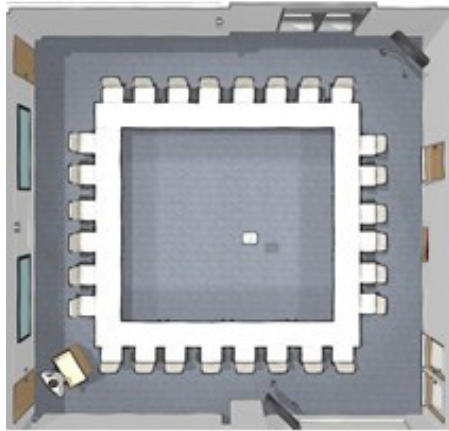
PRICING NOTE

All pricing is conceptual and based on the wide range of product choices available. Each space has unique considerations: acoustics, build-out, labor, and infrastructure.

SPECIFICATION SHEET

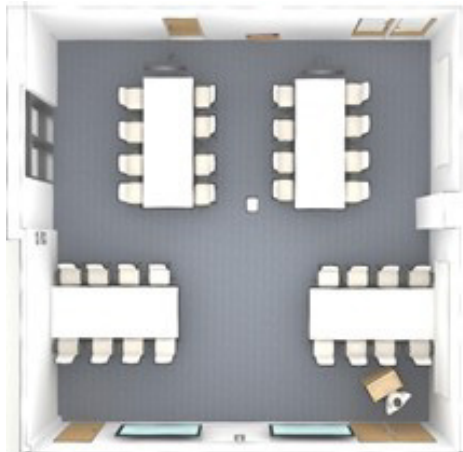
Recommended Equipment Schedule

Curated AV stack used in this lecture hall reference design.



Six-display configuration

PRIMARY DISPLAYS:
dual 86" + dual 65" repeat + dual 55" confidence monitors.



Multi-camera switching
presenter tracking plus audience and alternate views.

TECHNOLOGY PRODUCTS

DISPLAYS:

LG 86UL3J-B 86" UHD Commercial TV (2x) – wall mounted
Chief XTMIU X-Large Micro-Adjustable Tilt Wall Mount (2x)
Chief FCAXV1U X-Large Fusion Pullout Accessory (2x)

REPEAT DISPLAYS (CEILING):

LG 65" UHD Commercial Display (qty per room size)
Chief LCM1U Fusion large flat-panel ceiling mount
Chief CMS0608 6-8' adjustable extension column
Chief CMA330 8" offset ceiling plate

CONFIDENCE DISPLAYS (CEILING):

LG 55" UHD Slim Commercial Display (2x) –
Chief LCM2X1U large flat-panel 2 x 1 ceiling
Chief CMS0608 6-8' adjustable extension mount
Chief CMA330 8" offset ceiling plate

CAMERAS (AUTO-TRACKING):

AVer TR313V2 4K UHD PTZ camera with 12x optical zoom
AVer TR323NV2 / TR333V2 for additional zoom range (optional)
Chief FCA500 ceiling-mount lower camera shelf 18"

MULTI-CAMERA SWITCHING:

Crestron IAutomate VX Pro System Series 2 Voice-Activated, Multi-Camera Switching Solution
Crestron 1 Beyond iI2 Intelligent PTZ Camera, 12x Optical Zoom

AUDIENCE CAMERA:

Crestron 1 Beyond iI2 Intelligent PTZ Camera, 12x Optical Zoom

CEILING MICROPHONE OPTIONS:

Shure MXA920 ceiling array
Sennheiser TeamConnect 2 ceiling array

WIRELESS TABLE MICROPHONES:

Shure MXW6 boundary transceiver (qty per room size)

WIRELESS PORTABLE MICROPHONES:

Shure MXWAPT2 2-channel access point transceiver
Shure MXWNCS2 2-channel networked charging station
Shure TwinPlex TH53 headset element TA4F
Shure MXWI hybrid bodypack transmitter
Shure MXW2/SM58 handheld wireless transmitter

TIMELINE

DESIGN

2 weeks

PROCUREMENT

2 weeks

PRODUCTION

2 weeks

INSTALLATION

2 weeks

SPECIFICATION SHEET

Recommended Equipment Schedule

Curated AV stack used in this lecture hall reference design.



Whiteboard companion

interactive touch for live brainstorming & markup.



Tech-integrated furniture

Salamander, Heckler Design, Steelcase partners.

AUDIO & NETWORK

SOUNDBAR OPTIONS:

- SoundTube IPD-TSB2.0 Dante-enabled soundbar
- Shure MXA710 Dante soundbar

CEILING SPEAKERS:

- Shure MXN5W-C Microflex networked speaker
- QSC AD-C6T-LP 6.5" low-profile ceiling (closed ceiling)
- QSC AD-P6T 6.5" pendant (open ceiling)
- SoundTube IPD4-CM52-BGM-II 5.25" Dante ceiling speaker

AUDIO DSP:

- QSC Core 8 Flex unified core processor
- QSC SPA2-60 amplifier

NETWORK SWITCH:

- Netgear M4250 GSM4210PD 8-port AV-line switch
- Netgear M4250 GSM4230PX 24-port AV-line PoE+ switch

COMPUTE, CONTROL & FURNITURE

COMPUTER (WINDOWS IoT):

- HP POLY Room PC for Microsoft Teams Rooms (Lenovo Thinksmart)
- HP Collaboration G6 PC or Zoom-verified Windows IoT

ROOM CONTROLLER OPTIONS:

- Crestron VC-4-ROOM processor

SCHEDULING PANEL:

- Logitech Tap Scheduler 10" (wall / glass / side)
- Yealink RoomPanel 8"
- Crestron TSS-1070 10"

COLLABORATION TOUCH WHITEBOARD:

- DTEN D7 - 55" or 75" interactive whiteboard
- Avocor AVG-7560 75" / AVG-6560 65" interactive touch

FURNITURE PARTNERS

PRIMARY PARTNERS:

- Salamander Design, Heckler Design, Steelcase

TIMELINE

