



AV26 – Video Conference Lecture Space AV Standard

User Requirements

- Viewing capacity of up to 600 users.
- Dual 100” or larger HD projection.
- Fixed lectern with AVPC monitor & gooseneck microphone integrated.
- Installed AVPC provided for UniSA staff.
- BYOD connectivity via included HDMI cable either in lectern retractor box or on wall plate.
- Flatbed document camera with feeds to AVPC and projection system.
- Mobile, height adjustable AVPC monitor cart with keyboard and mouse.
- Full control of the AV system from a touch screen control panel.
- Lecture Recording System with video and audio capture.
- Hardware video conferencing system capable of audio, video and content connections to other UniSA video conferencing enabled Lecture Spaces.
- Ceiling microphones for audience participation capture for the video conferencing system.
- Wireless Microphone System for in room speech reinforcement and recordings,
- Advanced Video & Audio processing.
- Large format speakers (ceiling or front of room) for content playback.
- IR hearing augmentation.



Technical Requirements

Display

Projection

- **Projector - Large**
 - 2x Projectors
 - Video and control transmit via HDBaseT.
- **OR Projector - Medium**
 - 2x Projectors
 - Video and control transmit via HDBaseT.
- **Projector Ceiling Mount**
 - 2x Ceiling Mounts.
- **Projector Screen - Motorised**
 - 2x Screens.
 - 100" or larger.

Confidence Display

- **LCD Display - Non-touch**
 - 65" to 75" diagonal display size.
 - Rear wall mount.

Control

Control Processor

- **Control Processor**
 - Minimum IO of 2x RS-232 and 6x Relays.

Touch Panel

- **Touch Control Panel**
 - On top of lectern.

Audio

Speakers

- **Speakers - Wall mounted passive**
- **OR Speakers - Ceiling mounted passive**
- **OR Speakers - Line array**
- **Audio Amplifier**

Microphones

- **Microphone - Gooseneck**
- **Microphone - Wireless System**
 - 4x channels - 2x Handheld & 2x Lapel.
- **Microphone - Ceiling Analog**

Audio DSP

- **Audio DSP - Large**

Hearing Augmentation

- **Hearing Augmentation - IR transmitter**



Video

Presentation Switcher

- **Switcher - Video**

HDMI Distribution Amplifier

- **Distribution Amplifier - HDMI**
 - 2x HDMI Outputs.

Lecture Recording

- **Lecture Recording Appliance**
- **Lecture Recording Indicator Lights**

Video Conferencing

- **Video Conferencing Appliance**
- **Camera - Video PTZ**
 - Mounted in rear of room.
- **Camera - HVC PTZ**
 - Mounted in front of room.

AV Extension

- **Extension - HVC Camera**
- **Extension - HDMI**

Sources

AVPC

- **AVPC**
 - Mounted in Lectern or rack.
- **AVPC Monitor**
 - Mounted on top of Lectern.

BYOD

- **BYOD - Retractor**
 - Mounted in Lectern top.
- **ORBYOD - Wall plate**
 - Mounted to Lectern top.

Document Camera

- **Document Camera - Flatbed**

Architectural / Security

Network Switch

- **Network Switch**
 - 24 network ports.

AV Rack

- **Rack - Joinery**

Power Distribution Unit

- **2x Power Distribution Unit**

Signage

- **Signage**



Additional Information

More information pertaining to equipment specs and installation, cabling and infrastructure requirements can be found in sections 3.0.0 to 5.2.0 of the complete AV Standards & Specifications document.