AV25 – Lecture Space AV Standard

User Requirements

- Viewing capacity of up to 600 users.
- 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.
- 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
  - o **Projector – Large**
      - Video and control transmit via HDBaseT.
  - o **OR Projector – Medium**
      - Video and control transmit via HDBaseT.
  - o **Projector Ceiling Mount**
  - o **Projector Screen – Motorised**
      - 100" or larger.

Control
  Control Processor
  - o **Control Processor**
      - Minimum IO of 2x RS–232 and 4x Relays.
  Touch Panel
  - o **Touch Control Panel**
      - On top of lectern.

Audio
  Speakers
  - o **Speakers – Wall mounted passive**
  - o **OR Speakers – Ceiling mounted passive**
  - o **OR Speakers – Line array**
  - o **Audio Amplifier**
  Microphones
  - o **Microphone – Gooseneck**
  - o **Microphone – Wireless System**
      - 2x channels – 1x Handheld & 1x Lapel.
  Audio DSP
  - o **Audio DSP – Medium**
  Hearing Augmentation
  - o **Hearing Augmentation – IR transmitter**

Video
  Presentation Switcher
  - o **Switcher – Video**
  HDMI Distribution Amplifier
  - o **Distribution Amplifier – HDMI**
      - 2x HDMI Outputs.
  Lecture Recording Appliance
  - o **Lecture Recording Appliance**
  - o **Lecture Recording Indicator Lights**

Sources
  AVPC
  o **AVPC**
    * Mounted in Lectern or rack.
  o **AVPC Monitor**
    * Mounted on top of Lectern.
  BYOD
  o **BYOD – Retractor**
    * Mounted in Lectern top.
  o ***OR*** **BYOD – Wall plate**
    * Mounted to Lectern top.
  Document Camera
  o **Document Camera – Flatbed**

Architectural / Security
  Network Switch
  o **Network Switch**
    * 12 ports.
  AV Rack
  o **Rack – Joinery**
  Power Distribution Unit
  o **Power Distribution Unit**
  Signage
  o **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.