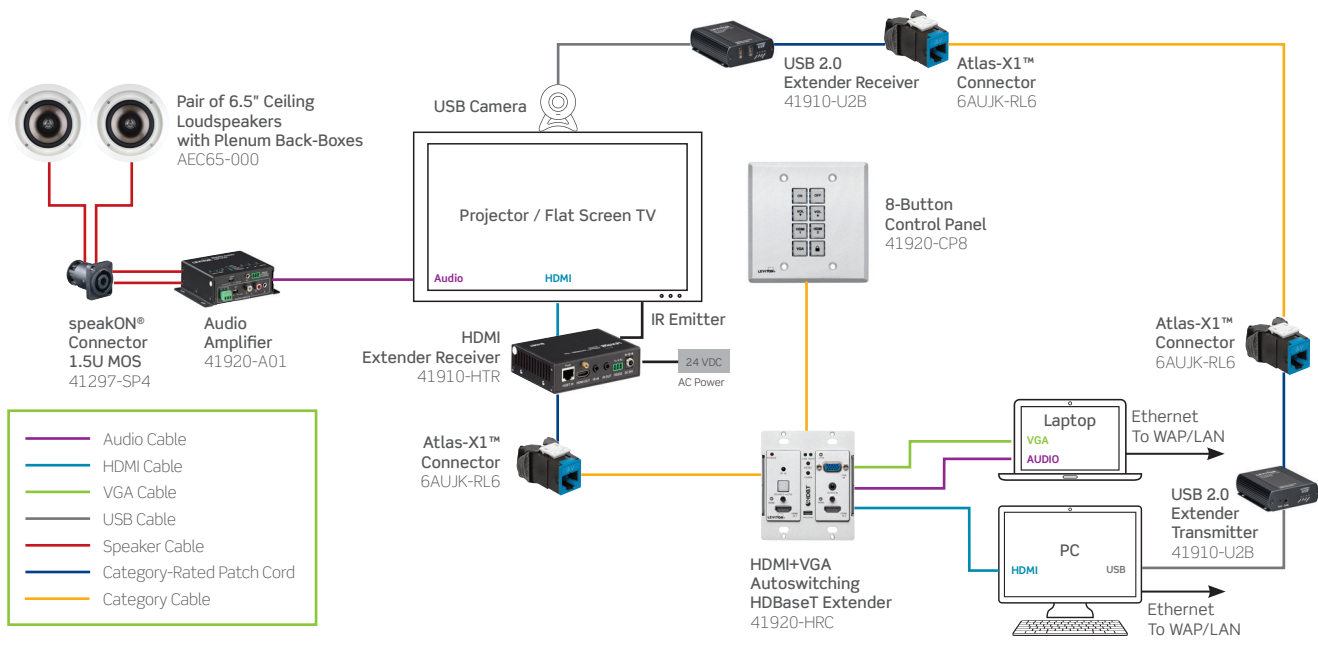SOLUTION BRIEF

# IT/AV SYSTEMS WITH AV CONTROL FOR CONFERENCE ROOMS

Conference rooms require a state-of-the-art IT/AV network to support versatility and adapt to future multimedia devices. At the same time, the increasing convergence of AV and data networks has positioned low-voltage BICSI RCDD contractors as the next generation of AV installers. Leviton IT/AV systems help contractors be the AV experts for their customers, satisfying the demanding requirements of an enterprise meeting space with an easy-to-install solution that requires little to no training.

Leviton AV Signal Extenders connect seamlessly over category-rated cable to deliver flexible performance while Leviton audio amplifiers provide an easy plug-and-play solution that integrates with the existing infrastructure. And when extenders and amplifiers are combined with simple AV control options and autoswitching capability, inputs from up to three different sources can be added/controlled as application needs change.

- Pre-configured control panel for easy display and source control
- Autoswitching wallplate includes three inputs: two HDMI® and one VGA with audio
- Compatible with other HDBaseT™ certified equipment such as projectors with integrated HDBaseT receivers
- Capable of supporting future HD video, 3D, 2K, and 4K performance requirements, up to 2160p
- Installation and testing uses the same tools used for datacom infrastructure
- Third-party verified and certified for AV signal transmission performance
- Limited lifetime connectivity link/channel warranty when system is installed by a Leviton certified contractor



Pair of 6.5" Ceiling Loudspeakers with Plenum Back-Boxes
AEC65-000

USB Camera

USB 2.0 Extender Receiver
41910-U2B

Atlas-X1™ Connector
6AUJK-RL6

Projector / Flat Screen TV

Audio        HDMI

8-Button Control Panel
41920-CP8

speakON® Connector 1.5U MOS
41297-SP4

Audio Amplifier
41920-A01

HDMI Extender Receiver
41910-HTR

IR Emitter

24 VDC
AC Power

Atlas-X1™ Connector
6AUJK-RL6

Atlas-X1™ Connector
6AUJK-RL6

Laptop
VGA
AUDIO

Ethernet To WAP/LAN

USB 2.0 Extender Transmitter
41910-U2B

PC
HDMI        USB

Ethernet To WAP/LAN

HDMI+VGA Autoswitching HDBaseT Extender
41920-HRC

Legend:
- Audio Cable
- HDMI Cable
- VGA Cable
- USB Cable
- Speaker Cable
- Category-Rated Patch Cord
- Category Cable

## SIGNAL EXTENSION

- Flush mounted, wall based system for clean finish and simple interface
- HDBase-T™ Class B Extender delivers 230 ft (70 m) transmission
- Supports key features of HDMI 1.4, including 3D & 4K x 2K, CEC passthrough, and HDCP compatible
- Accepts 2 HDMI® and 1 VGA+Audio (VGA automatically up-scaled)
- Powered by HDBase-T receiver
- IR Y-Cable and Emitter Kit splits IR output to control multiple devices

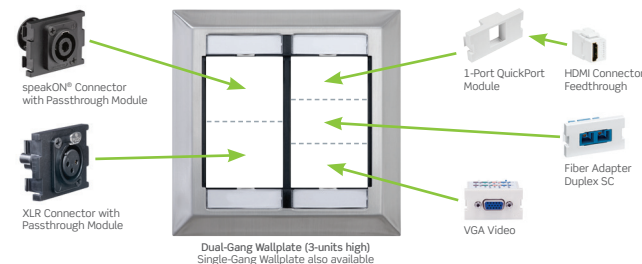| PART NUMBERS | |
| --- | --- |
| HDMI+VGA Auto Switching HDBaseT Extender | 41920-HRC |
| HDBaseT Extender, Receiver, 70 m | 41910-HTR |
| 8-Button Control Panel | 41920-CP8 |
| USB 2.0 Extender, 100 m | 41910-U2B |
| USB 1.1 Extender, 50 m | 41910-U11 |
| IR Y-Cable and Emitter Kit | 41920-YIR |

## HDMI CABLES

- CL2 rated for in-wall installation
- Flexible commercial-grade 28-gauge construction
- Gold-plated connectors for long-lasting performance
- Cable Lock Kit secures cable to Leviton Signal Extension devices for permanent installations

| PART NUMBERS | |
| --- | --- |
| High-Speed HDMI Cable with Ethernet | 41900-xxE |
| HDMI Cable Lock Kit | 41900-LKT |

xx = Length: 3' (03), 6' (06), 10' (10), 15' (15)

speakON® Connector with Passthrough Module

1-Port QuickPort Module

HDMI Connector Feedthrough

XLR Connector with Passthrough Module

Fiber Adapter Duplex SC

VGA Video

Dual-Gang Wallplate (3-units high)
Single-Gang Wallplate also available

## MULTIMEDIA OUTLET SYSTEM

- Front-loading wallplate system for easy installation and maintenance
- MOS and QuickPort® Solutions work together
- Accommodates a combination of QuickPort® connectors and larger AV components such as HDMI, USB, VGA, composite/component RCA, and HD-15 connectors

Configure your installation at Leviton.com/MOS

## STRUCTURED MEDIA ENCLOSURE

- 14" enclosure provides behind-the-display mounting location for signal extension, audio amplification, set-top boxes, and other network equipment
- Flush-mount for almost invisible installation behind flat panel displays
- Multiple power options and covers available

| PART NUMBERS | |
| --- | --- |
| 14" Enclosure Only | 47605-14E |
| 14" Flush-Mount Cover | 47605-14C |
| 14" Premium Vented Hinged Door | 47605-14S |

## MIXING AUDIO AMPLIFIER

- 2x20 watt stereo, 1x40 watt bridge mono
- Three switchable inputs: two stereo audio and one mic
- Mic mixer function with independent control
- Mic input supports 48 V phantom power

| PART NUMBER | |
| --- | --- |
| Mixing Audio Amplifier | 41920-A01 |
| Remote Control and Target Kit | 41920-AIR |

## ATLAS-X1™ CAT 6A PATCH CORDS

- SlimLine boot cords feature narrow profile to reduce congestion in high-density applications
- Snagless boot design prevents tab breakage
- AXT suppression and EMI/RFI protection

| PART NUMBERS | |
| --- | --- |
| Atlas-X1 Component-Rated SlimLine Boot Patch Cord | 6AS10-xx* |

xx = Length: 3' (03), 5' (05), 7' (07), 10' (10), 15' (15), 20' (20)
* = Color: Yellow (Y), Red (R), Black (E), White (W), Blue (L), Green (G), Grey (S)
For assistance customizing your cords, please visit levtion.com/configurator or call Tech Support at 800.824.3005

## ATLAS-X1 CAT 6A COMPONENT-RATED CONNECTOR

- Wire manager allows fast, secure, repeatable terminations
- Tool-free design requires no specialized termination tool
- Patented Retention Force Technology (RFT) protects from tine damage from 4- or 6-pin plugs
- Interchangeable icons (VOICE, DATA, AV)
- Shielded connectors provide EMI/RFI protection, signal isolation, and AXT suppression

| PART NUMBERS | |
| --- | --- |
| Atlas-X1 Cat 6A Component-Rated Connector | 6AUJK-R*6 |

* = Color: White (W), Light Almond (T), Ivory (I), Yellow (Y), Orange (O), Crimson (C), Dark Red (R), Purple (P), Blue (L), Green (V), Gray (G), Black (E), Brown (B)

## CAT 6A UTP CABLE WITH ALIEN CROSSTALK PREVENTION TECHNOLOGY

- Recommended for HDBaseT signals
- Innovative technology delivers superior alien crosstalk (AXT) suppression without grounding or bonding
- Manages convergence of voice, video, and data
- Verified performance beyond ANSI/TIA-568-C.2 Category 6A by third-party labs (Intertek ETL)
- Easier installation and cable management with reduced outer diameter of 0.275" (6.9mm)

Visit Leviton.com/cable for more information on cable available in your region.

Design your conference room system with the Leviton IT/AV System Designer at Leviton.com/ITAV.