

SOLUTION BRIEF

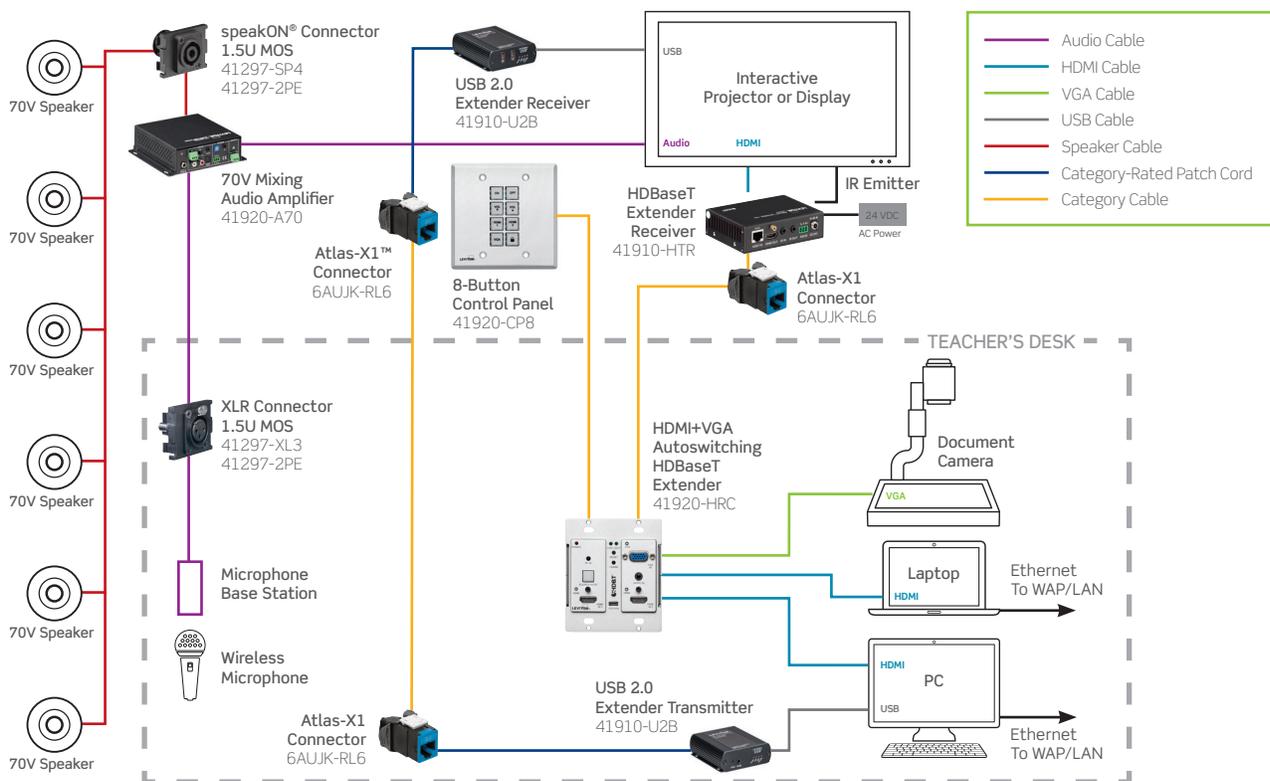
# IT/AV SYSTEMS WITH AV CONTROL FOR CLASSROOMS



An up-to-date IT/AV infrastructure can extend the lifecycle of a school's audiovisual network. And with the increasing convergence of AV and data networks, BICSI RCDD contractors are poised to be the next generation of AV installers. Leviton IT/AV systems help contractors be the AV experts for their customers with plug-and-play signal extensions products and migration capability to support future technologies.

Leviton AV Signal Extenders allow schools to use versatile category-rated cable to carry high-bandwidth signals to the latest devices anywhere in the room. Leviton audio amplifiers easily integrate with the existing infrastructure while helping to comply with ADA decibel requirements. And with simple AV control options and autoswitching capability, teachers can easily add/control inputs from up to three different sources.

- Pre-configured 8-button 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
- System longevity capable of supporting future HD video, 3D, 2K, and 4K performance requirements, up to 2160p
- Installation and testing using the same tools used for datacom infrastructure
- Assurance that comes from third-party verification and certification of AV signal transmission performance
- Limited lifetime connectivity link/channel warranty when system is installed by a Leviton certified contractor



## 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



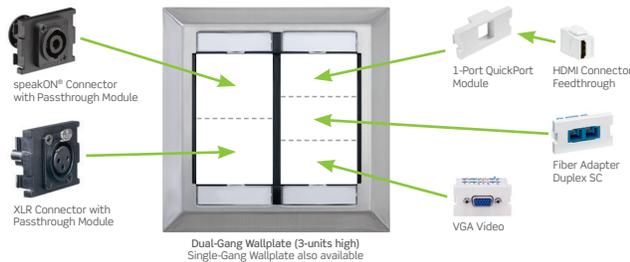
| PART NUMBERS                             |           |
|--|-----------|
| HDMI+VGA Auto Switching HDBaseT Extender | 41920-HRC |
| HDBaseT Extender, Receiver, 70 m         | 41910-HTR |
| 8-Button Control Panel                   | 41920-CP8 |
| USB 2.0 Extender, 100 m                  | 41910-U2B |
| 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)



## 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](http://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 |

## 70V MIXING AUDIO AMPLIFIER

- 40 watt mono output
- MIC, RCA, 3.5mm and digital audio inputs
- RS232 and IR control capability
- Connects to easily installed 70V speakers
- Convenient auto-muting (ducking) on MIC input



| PART NUMBER                   |           |
|-------------------------------|-----------|
| 70V Mixing Audio Amplifier    | 41920-A70 |
| 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 [leviton.com/configurator](http://leviton.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 time 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](http://Leviton.com/cable) for more information on cable available in your region.

Design your classroom system with the Leviton IT/AV System Designer at [Leviton.com/ITAV](http://Leviton.com/ITAV).