

SOLUTION BRIEF

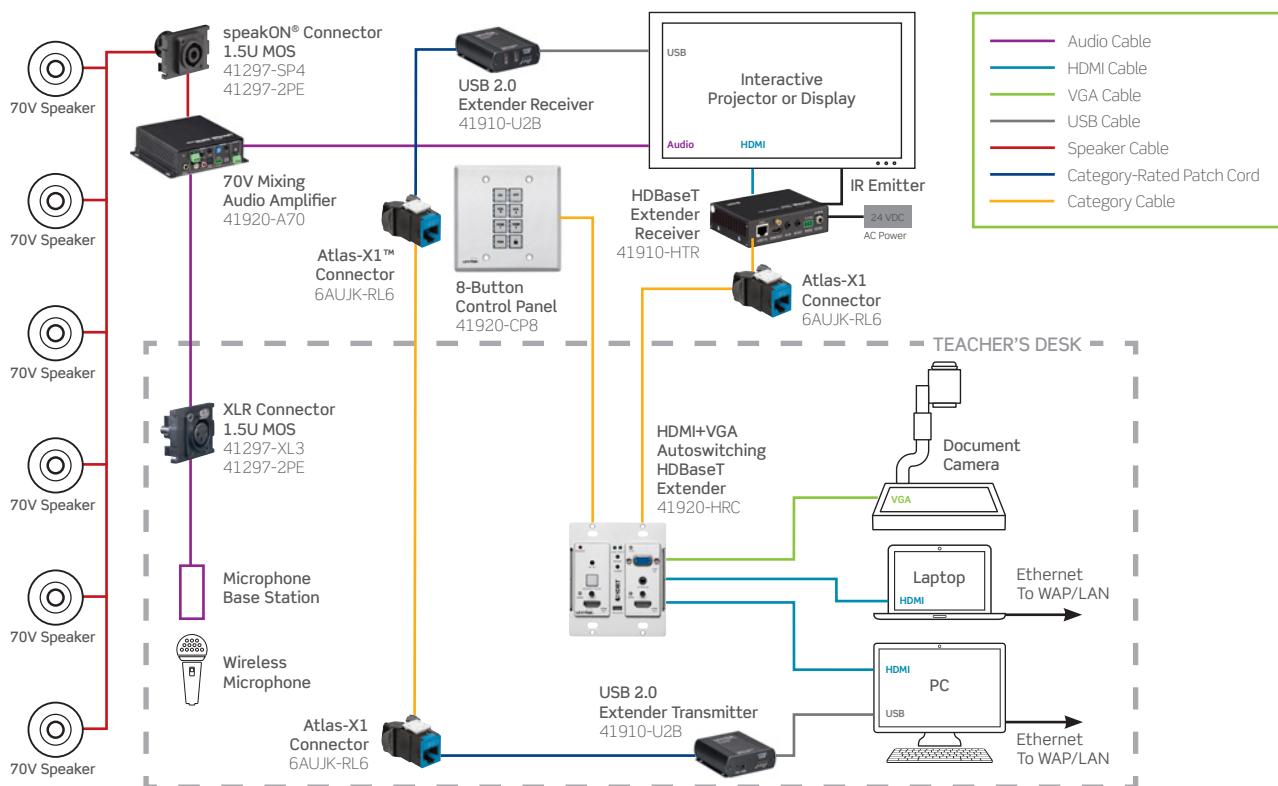
AV SYSTEMS WITH CONTROL FOR CLASSROOMS



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. 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.

AV Signal Extenders allow schools to use versatile category-rated cable to carry high-bandwidth signals to the latest devices anywhere in the room. 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
- System longevity capable of supporting future HD video, 3D, 2K, and 4K performance requirements, up to 2160p
- Maximum performance and migration capability with the Berk-Tek Leviton Technologies CX6850 Cabling System
- 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 or Berk-Tek certified contractor
- Leviton and Berk-Tek are members of the HDBaseT™ Alliance, with products tested and certified to alliance standards



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

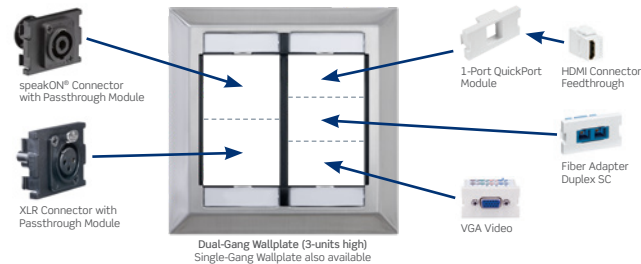
HDMI CABLES

- 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

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, covers, and ceiling mount available



PART NUMBERS	
14" Enclosure Only	47605-14E
14" Flush-Mount Cover	47605-14C
14" Premium Vented Hinged Door	47605-14S
14" Ceiling Mount Kit	47612-CMK

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 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
- Made in the USA



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)

LANMARK™-XTP CAT 6A UTP CABLE

- 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)
- Made in the USA

PART NUMBERS	PLENUM REEL	RISER REEL
LANmark-XTP Cat 6A UTP Cable, Blue	11082057	11082062
LANmark-XTP Cat 6A UTP Cable, White	11082058	11082063
LANmark-XTP Cat 6A UTP Cable, Grey	11094954	11095916

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