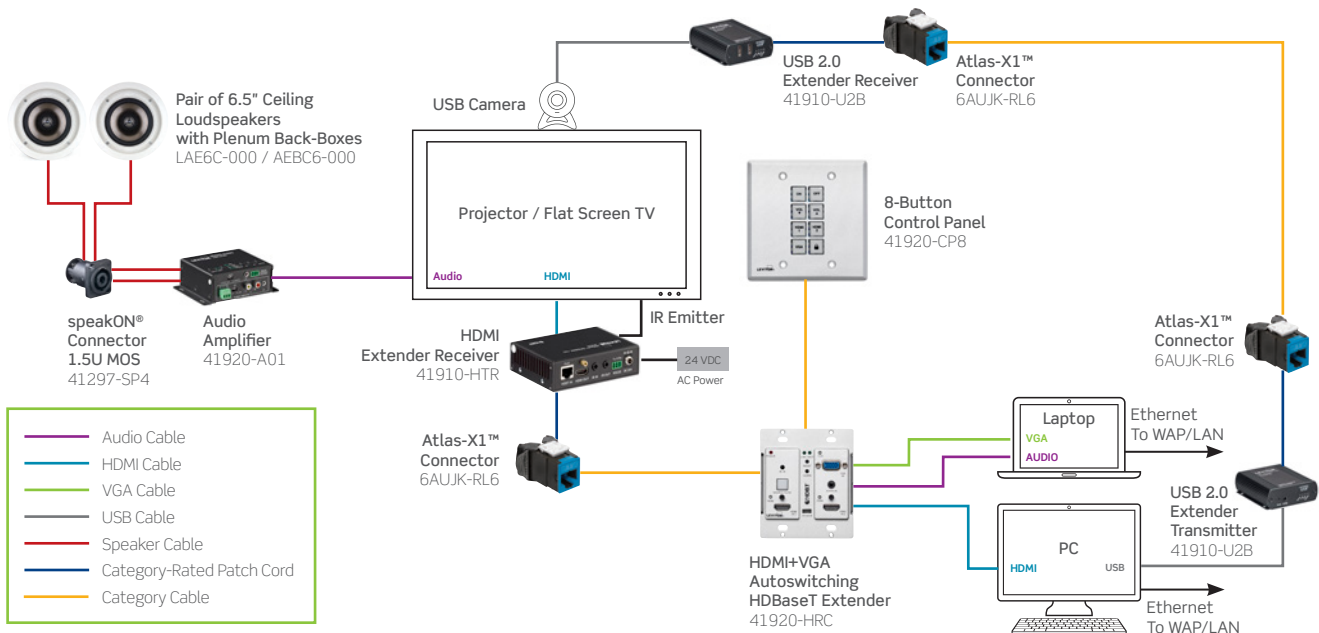**SOLUTION BRIEF**

AV SYSTEMS WITH 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. 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.

IT/AV Signal Extenders connect seamlessly over category-rated cable to deliver flexible performance while 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
- 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 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 or Berk-Tek certified contractor
- Leviton and Berk-Tek are members of the HDBaseT™ Alliance, with products tested and certified to alliance standards

USB 2.0 Extender Receiver
41910-U2B

Atlas-X1™ Connector
6AUJK-RL6

Pair of 6.5" Ceiling Loudspeakers with Plenum Back-Boxes
LAE6C-000 / AEBC6-000

USB Camera

Projector / Flat Screen TV

Audio   HDMI

8-Button Control Panel
41920-CP8

IR Emitter

speakON® Connector 1.5U MOS
41297-SP4

Audio Amplifier
41920-A01

HDMI Extender Receiver
41910-HTR

24 VDC
AC Power

Atlas-X1™ Connector
6AUJK-RL6

Laptop
VGA
AUDIO

Ethernet To WAP/LAN

Atlas-X1™ Connector
6AUJK-RL6

USB 2.0 Extender Transmitter
41910-U2B

———	Audio Cable
———	HDMI Cable
———	VGA Cable
———	USB Cable
———	Speaker Cable
———	Category-Rated Patch Cord
———	Category Cable

PC
HDMI   USB

HDMI+VGA Autoswitching HDBaseT Extender
41920-HRC

Ethernet To WAP/LAN

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

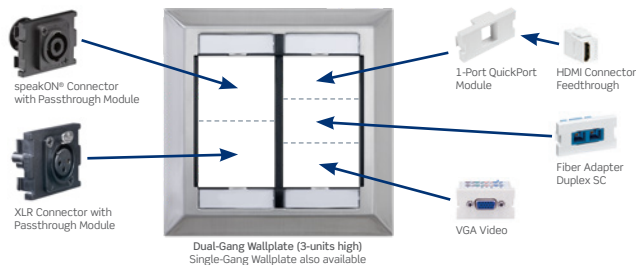| PART NUMBERS	
HDMI+VGA Auto Switching HDBaseT Extender	41920-HRC
HDBaseT Extender, Receiver, 70 m	41910-HTR
8-Button Control Panel	41920-CP8
USB 2.0 Extender, 100 m	41910-U2B
USB 1.1 Extender, 50 m	41910-U11
IR Y-Cable and Emitter Kit	41920-YIR

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

XLR Connector with Passthrough Module

1-Port QuickPort Module

HDMI Connector Feedthrough

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, 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

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