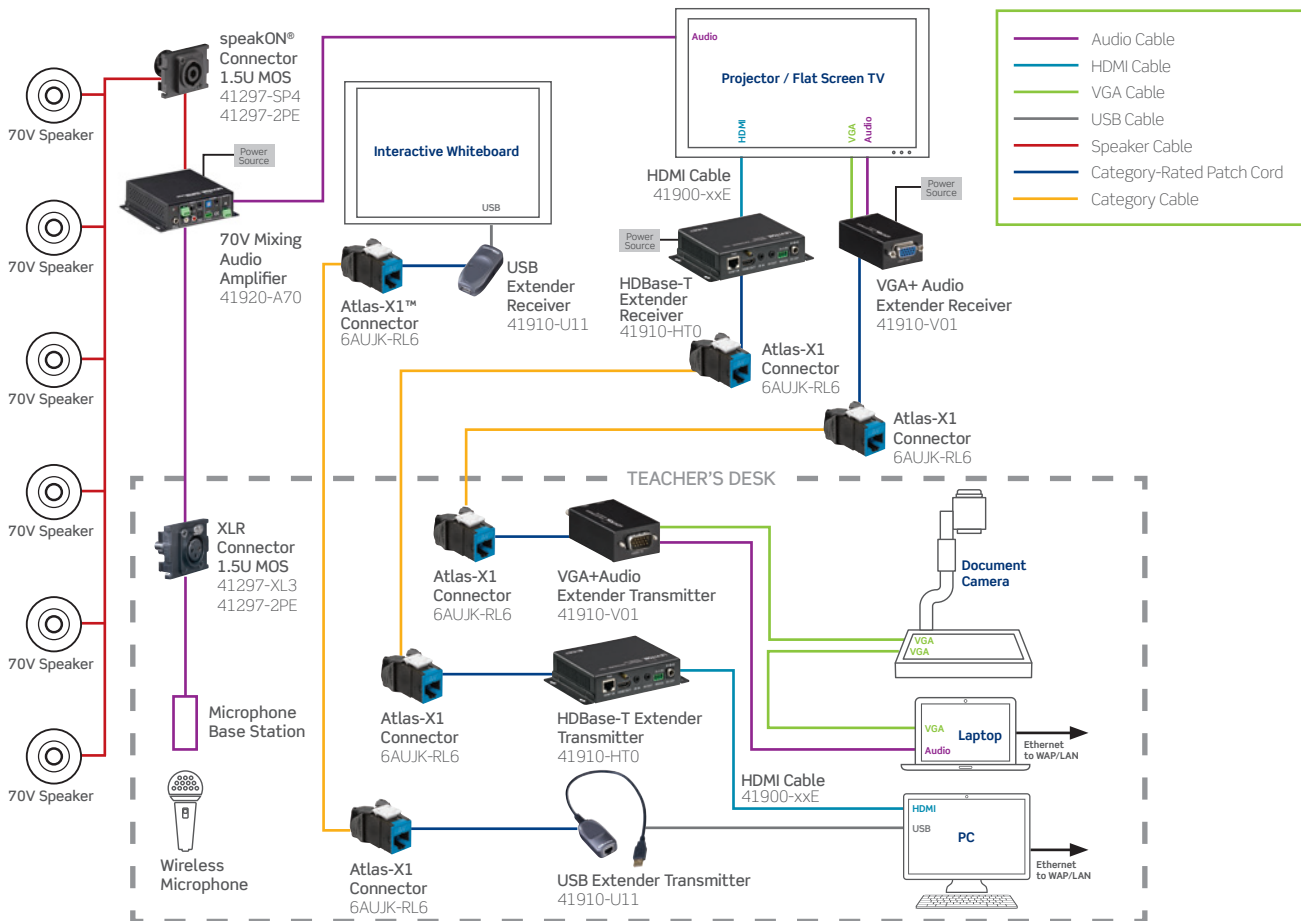**Berk-Tek® LEVITON®**
TECHNOLOGIES

SOLUTION BRIEF

AV SYSTEMS FOR CLASSROOMS

In today's classroom environment, AV systems need to allow teachers to easily extend an HDMI®, VGA, or USB signal from their desks to the latest devices anywhere in the room. Our IT/AV systems help low-voltage BICSI RCDD contractors be the AV experts for their customers, satisfying the demanding requirements of a classroom with a simple solution that requires little to no training. Leviton AV Signal Extenders and audio amplification combine to create a state-of-the-art, plug-and-play audiovisual system, all networked over easy-to-install category-rated cable with no programming required.

- Simple plug-and-play IT/AV solutions for today's classroom technology
- 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
- Leviton and Berk-Tek are members of the HDBaseT™ Alliance, with products tested and certified to alliance standards
- Limited lifetime connectivity link/channel warranty when system is installed by a Leviton or Berk-Tek certified contractor

SIGNAL EXTENSION

- HDBase-T™ Class B Extender delivers 230 ft (70 m) transmission for HDMI®, bi-directional IR, RS232, and power
- Supports key features of HDMI 1.4, including 3D & 4K x 2K, CEC passthrough, and HDCP compatible
- Power supply and mounting brackets included
- IR Emitter and Target Kit connects to HDBaseT transmitter and receiver for bi-directional control capability

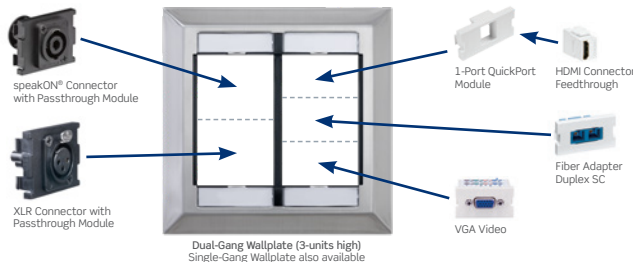| PART NUMBERS	
HDBaseT Extender, Transmitter and Receiver, 70 m	41910-HT0
VGA Extender, Transmitter and Receiver, 100 m	41910-V01
USB 2.0 Extender, 100 m	41910-U2B
USB 1.1 Extender, 50 m	41910-U11
IR Emitter and Target Kit	41910-HIR

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

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