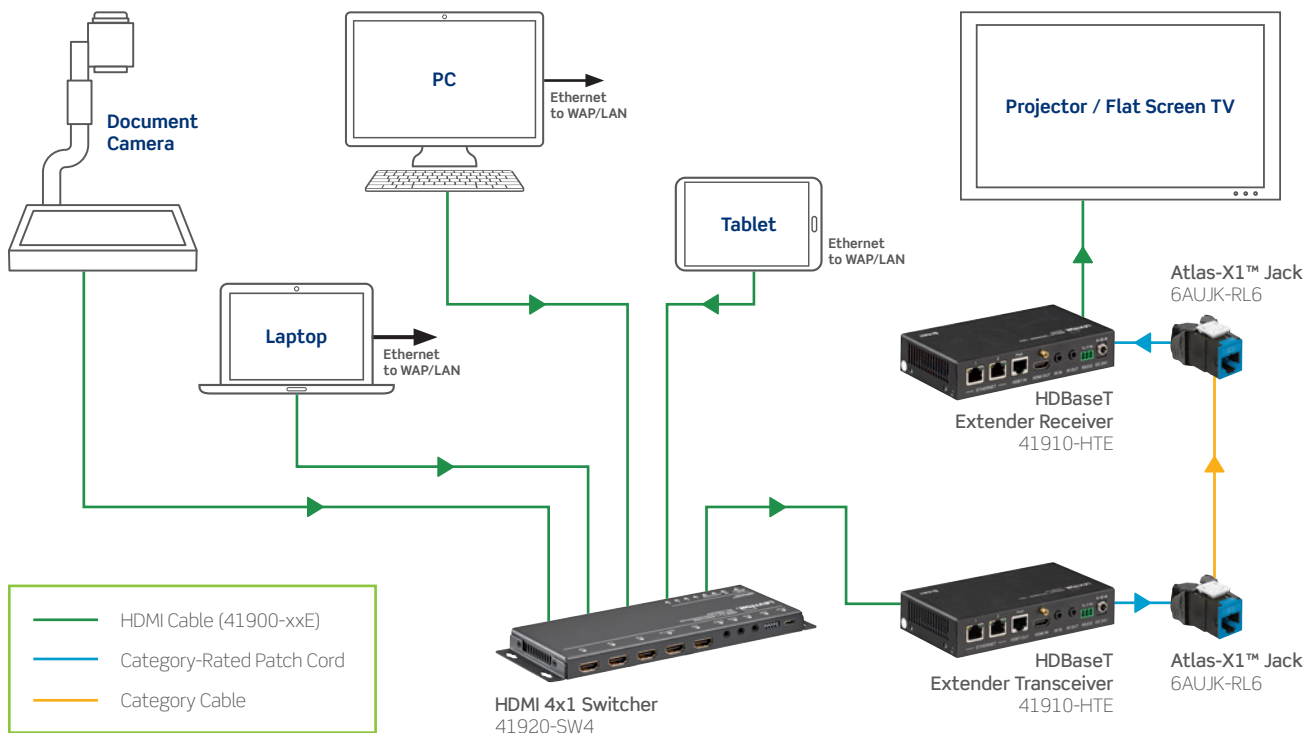**LEVITON**®

SOLUTION BRIEF

IT/AV SWITCHER FOR ENTERPRISE & EDUCATION

Effective AV installations in conference rooms and classrooms enable easy collaboration and content sharing, with the ability to manage multiple sources connected to a projector or display. Leviton IT/AV systems provide a simple solution that is designed to be installed by BICSI RCDD datacom contractors, with no programming required.

The HDMI Switcher provides an easy 4x1 solution to connect up to four sources to one display. It also supports ARC audio return channel and audio extraction from the HDMI® signal for connection to an external sound system for a professional audiovisual system with extra flexibility.

- Simple plug-and-play AV solutions for classroom and enterprise conference room technology

- User-selectable automatic or manual switching mode provides flexibility in how sources are selected

- Ultra-high-definition 4K x 2K at 60Hz 4:4:4 HDR 18 Gb/s

- Compatible with and supports key features of HDMI 2.0 including CEC, EDID and HDCP2.2

- Combine with Leviton IT/AV HDBaseT™ Extenders for an enterprise-grade AV system that's simple to install and maintain

Document Camera

PC

Ethernet to WAP/LAN

Laptop

Ethernet to WAP/LAN

Tablet

Ethernet to WAP/LAN

Projector / Flat Screen TV

Atlas-X1™ Jack
6AUJK-RL6

HDBaseT Extender Receiver
41910-HTE

HDBaseT Extender Transceiver
41910-HTE

Atlas-X1™ Jack
6AUJK-RL6

HDMI 4x1 Switcher
41920-SW4

— HDMI Cable (41900-xxE)
— Category-Rated Patch Cord
— Category Cable

LEVITON®

HDMI® 4X1 SWITCHER

- 4 HDMI inputs, 1 HDMI output,
  4K @ 60 Hz, EDID, ARC, Audio Extraction, HDCP 2.2, IR, RS-232
- Automatic switching mode selects a new active input or when the active input is removed, selects the first active input on the lowest numbered port
- Manual switching of HDMI inputs is accomplished via a front panel push button or via included remote control
- Supports ARC audio return channel and audio extraction from the HDMI signal for connection to an external sound system
- Compact and convenient 5VDC USB Type C power input with included power adapter and 1.5 m (5') USB Type A to Type C cable

PART NUMBER	
HDMI 4x1 Switcher	41920-SW4

HDMI SIGNAL EXTENSION

- HDBaseT™ Class B Extenders deliver up to 100m transmission for HDMI, 100mb Ethernet, bi-directional IR, RS232, and power
- Supports key features of HDMI 1.4, including 3D and 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, 100 m	41910-HTE
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)

STRUCTURED MEDIA® CENTER 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 AMPLIFIERS

- 40 watt 70V with mic, RCA, 3.5 mm, and digital optical inputs
- 40 watt stereo (2x20 W) (4/8 Ohm) with mic, RCA, and 3.5 mm stereo inputs
- RS232 and IR control capability
- Mic mixer function with independent control
- Mic input supports 48 V phantom power

PART NUMBERS	
70V Mixing Audio Amplifier	41920-A70
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 NUMBER	
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), Gray (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 JACK

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

PART NUMBERS	
Atlas-X1 Cat 6A Component-Rated Jack	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" (6.9 mm)
- Made in the USA

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

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