



# An Installer's Guide To An Uncompressed World



**2023 Edition**



NOW PLAYING AT



integrated  
systems  
europe

31 JAN - 3 FEB 2023 - BARCELONA

**4HDBT**  
ASE

PRESENTS



THE MASTER CABLE  
**TERMINATOR**  
CHALLENGE

STARRING

**Simply45**

**M Solutions**



**Structured Cable Products**  
Quality Installations Deserve Quality Products



**Jan 31, 2023 – Feb 3, 2023 – Barcelona**

# A NOTE FROM THE ALLIANCE PRESIDENT



Dear Fellow AV Professionals,

It truly is great to be back in Barcelona for ISE, and is there really any better way to kick off 2023 than at our industry's largest trade show for systems integrators and installers? I personally couldn't be more excited for this year's show, where once again the HDBaseT ecosystem will be well represented with 80 of our Alliance members exhibiting on the convention floor.

As always, we have plenty of not-to-be missed activities in-store at the Alliance booth including Key Digital and CYP answering the call for more robust video conferencing solutions with two unique showcases complete with live demonstrations. Meanwhile, Matrox extends HDBaseT's reach across the IP network using their award-winning bridge solution. AVPro Edge shows off how top-notch HDBaseT installations are both science and art with their eye-catching collection of intuitive wall plates designed to fit any aesthetic or style. Plus, our Alliance's newest member, HighSecLabs, reveals how to keep secrets safe with the market's most advanced NIAP Common Criteria Certified secure KVM extension solution.

Beyond long-range multimedia signal distribution, Power over HDBaseT (PoH) remains a pillar of our 5Play feature set, and this year we're excited to provide our booth's visitors a look "under the hood" at the engineering that makes it possible presented by Silvertel. And of course, those with an appetite for future technologies won't want to miss a sneak peek at the next-generations in digital signage, video conferencing, and professional-grade USB extension, with four inspiring exhibits from HDBaseT Alliance Co-Founder, Valens Semiconductor.

If that's not enough, our signature Power Wall makes its return to ISE at over twice the size of last year's show featuring upwards of 40 HDBaseT 3.0 products from more than 25 HDBaseT Alliance members on display. With their ability to extend fully uncompressed 4K@60Hz 4:4:4, along with professional-grade USB extension, Gigabit Ethernet, power, and control, up to 100m/328ft. over standard Category cable, these interoperable transceivers, matrixes, extenders, wall plates, bridge solutions, and more, are already broadening the possibilities for residential, commercial, and fixed installations, and our Power Wall is your first-row ticket to see them all.

Finally, no visit to the HDBaseT Alliance booth would be complete without a chance to take home some memorable souvenirs, and this year we are excited to play host to our Master Cable Terminator Challenge where you can show off your cable-cutting skills and compete for great prizes provided by our Alliance members MSolutions, Simply45, and Structured Cable Products. My sincere thanks to them all for their generosity.

On behalf of everyone at the HDBaseT Alliance I hope you enjoy your ISE 2023 experience, and look forward to continuing our commitment of leading the way forward in building an even more innovative future for the Professional AV market.

**Best regards,**

A handwritten signature in black ink that reads "Tzahi Madgar". The signature is fluid and cursive, with a long horizontal stroke at the end.

**Tzahi Madgar**

President, HDBaseT Alliance

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Established in 1979, HDBaseT Alliance Contributing member ATEN is an award-winning manufacturer of cutting-edge multimedia connectivity and management solutions. The company's Pro AV line offers integrated video products for home and professional use in a variety of verticals including corporate, education, hospitality, commercial and home theater applications.



**VE1843**  
**True 4K HDMI/USB**  
**HDBaseT 3.0 Transceiver**

**Configurable as Either a Transmitter or Receiver**



**One Cable to Transmit It All**



Gigabit Ethernet



True 4K HDMI Video



Stereo Audio



Bi-Directional RS-232



Full Range IR



USB 2.0





Founded in 1998, HDBaseT Alliance Contributing member Aurora Multimedia designs and manufactures products for today's AV solutions, with integrators and their customers' budgets in mind. The company's diversified product line features advanced AV processors with scaling, multi-image rotation, dual/quad display processing, and other highly adaptive solutions for a variety of global markets, including government, education, security, hospitality, corporate, and houses of worship.



**HT-TC 1**  
**Pro Series HDBaseT 3.0**  
**Transceiver**

**HT-TC 1WP 2**  
**Pro Series HDBaseT 3.0**  
**Two Gang Transmitter**  
**Decora Wall Plate**



**DID YOU KNOW?**

Aurora Multimedia Founder & CEO/CTO Paul Harris is the HDBaseT Alliance's AV Work Group Chair.



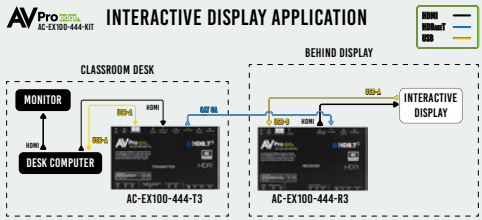
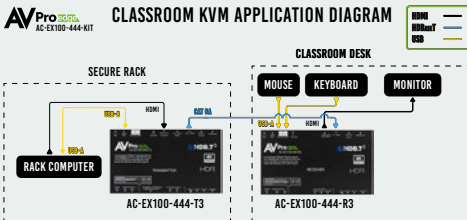
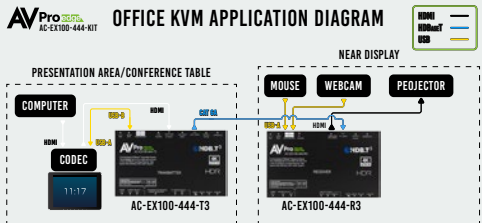


HDBaseT Alliance Contributing member AVPro Edge specializes in full bandwidth audio-video distribution. With built-in features like scaling, test patterns, audio de-embedding, and audio downmixing, AVPro Edge sets itself apart from the competition. So confident with the reliability of their products, it offer an industry-leading ten-year manufacturer’s warranty.



**AC-EX100-444-KIT**  
**Ultra Slim HDBaseT 3.0**  
**Extender Kit with eARC**

**Future Forward,**  
**Backward Compatible,**  
**Limitless Potential**





HDBaseT Alliance Contributing member Cypress Technology (CYP) was founded in 1990 and specializes in the design and manufacturing of innovative Pro AV and multimedia solutions. Its product range includes a wide variety of AV signal distributors, switches, scalars, extenders, and format converters designed to enhance and simplify the signal path between sources and displays, across a multitude of differing AV technology generations.



**VEX-4501R**  
UHD+HDMI over HDBaseT 3.0  
Receiver with USB KVM



**VEX-E2501R**  
UHD +USB-C over HDBaseT 3.0  
Receiver with USB KVM

**VEX-E4501T**  
UHD+HDMI over HDBaseT 3.0  
Transmitter with USB KVM



**VEX-E2501T**  
UHD +USB-C over HDBaseT 3.0  
Transmitter with USB KVM



**MORE**  
**HDBT<sup>3</sup>**  
**PRODUCTS**  
FROM CYP

**VEX-E4701TR**  
UHD+HDMI over HDBaseT 3.0  
Transceiver with USB KVM

**VEX-E1501T**  
UHD+HDMI over HDBaseT 3.0  
Transmitter with Power over HDBaseT

**VEX-E2502T**  
USB+USB-C over HDBaseT 3.0  
Transmitter with USB KVM

**VEX-E1501R**  
UHD+HDMI over HDBaseT 3.0  
Receiver with Power over HDBaseT





Backed by more than 90 fully-staffed offices worldwide, HDBaseT Alliance Contributing member Crestron Electronics is the world's leading innovator and manufacturer of advanced control and automation systems that are reinventing the way people work and live. With integrated solutions to monitor, manage, and control audio, video, and lighting, Crestron streamlines technology to improve the quality of life and experience in unified communications and collaboration spaces, educational settings, homes, and more.

## DigitalMedia Series



From small meeting rooms to entire buildings, digital signage, or command centers, DigitalMedia's HDBaseT 3.0 switchers have you covered. Featuring the widest range of connectivity options to distribute AV and control signals, it's one platform to answer every communication need with virtually unlimited scalability, from a simple point-to-point setups to cross-campus installations.



**HD-PS621**  
**HDBaseT 3.0 8x1 HDR**  
**Presentation System**

### MORE PRODUCTS FROM

**HD-PS401**  
**HDBaseT 3.0 4x1 HDR**  
**Presentation System**

**HD-PS402**  
**HDBaseT 3.0 4x2 HDR**  
**Presentation System**



**HD-PS622**  
**HDBaseT 3.0 8x2 HDR**  
**Presentation System**

**HD-MD402**  
**HDBaseT 3.0**  
**4x2 4K@60Hz 4:2:0 Switcher**

## DM Lite Series



DM Lite delivers a winning combination of low-cost, yet high-performance HDBaseT 3.0 transmitters and receivers for the transport and switching of 4K signals over Category cable. Mix-and-match based on form factor to create simple, versatile, budget-friendly systems.



**HD-RXC-4KZ-101**  
**DM Lite®**  
**HDMI Receiver**



**HD-TX-4KZ-111-1G-B**  
**HDBaseT 3.0 DM Lite® Transmitter**  
**for USB-C® DisplayPort™ Wall Plate**

### MORE PRODUCTS FROM

**HD-TXC-4KZ-101 | DM Lite® Transmitter**

**HD-TXC-4KZ-101-1G | DM Lite® Transmitter Wall Plate**

**HD-RXC-4KZ-101-1G | DM Lite® Receiver Wall Plate**

**HD-TX-4KZ-101 | DM Lite® Transmitter**

**HD-TX-4KZ-101-1G | DM Lite® Transmitter Wall Plate**

**HD-RX-4KZ-101 | DM Lite® Receiver**

**HD-RX-4KZ-101-1G-B | DM Lite® Receiver Wall Plate**

**HD-TX-4KZ-111 | DM Lite® Transmitter for USB-C® DisplayPort™**

**HD-TX-4KZ-201 | DM Lite® 2x1 Auto-Switcher**

**HD-TX-4KZ-211-CHGR | DM Lite® Transmitter and 2x1 Auto-Switcher**  
**for HDMI and USB-C® DisplayPort™**

**HD-TX-4KZ-211-2G | DM Lite® Transmitter and 2x1 Auto-Switcher**  
**for HDMI® and USB-C® DisplayPort™ Wall Plate**

**HD-TX-4KZ-401 | DM Lite® Transmitter and 4x1 Auto-Switcher**

**HD-TX-4KZ-421-CHGR | DM Lite® Transmitter and 4x1 Auto-Switcher**  
**for HDMI and USB-C® DisplayPort™**

**HD-TXA-4KZ-101 | DM Lite® Transmitter**

**HD-TXA-4KZ-101-1G | DM Lite® Transmitter Wall Plate**

**HD-RXA-4KZ-101 | DM Lite® Receiver for HDMI and Analog Audio**

**HD-TXCA-4KZ-101 | DM Lite® Transmitter for HDMI and Analog Audio**

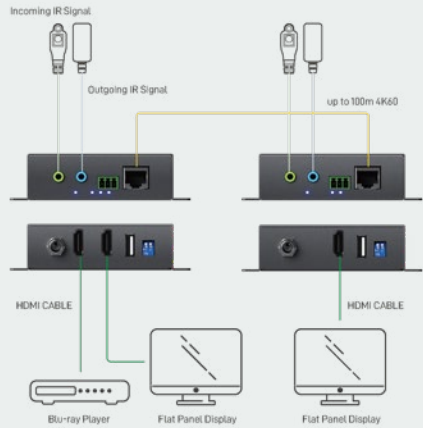
**HD-RXCA-4KZ-101 | DM Lite® Receiver for HDMI and Analog Audio**



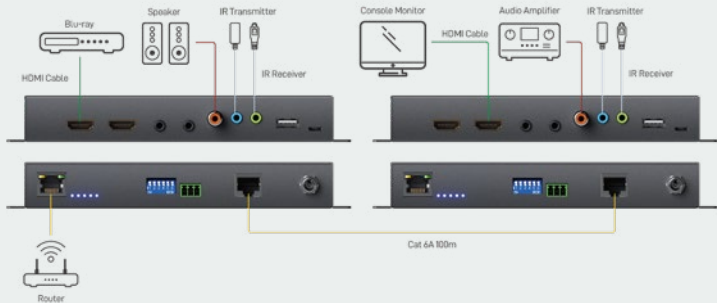
HDBaseT Alliance Contributing member, Gomax Electronics, has been focused on the design, development, manufacturing, and sale of audio and video systems since 2006. The company provides HDMI and DVI audio signal extenders, audio signal distributors, video signal processors, analog products, and signal conveyer and video processors as a part of its product line-up, as well as providing original design manufacturer (ODM) services.



**EX-57V3K-M**  
**HDBaseT 3.0**  
**Transceiver**  
**with RS-232,**  
**Bi-Directional IR,**  
**and USB 2.0**



**EX-57V3X**  
**HDBaseT 3.0 Extender**  
**with RS-232, Bi-Directional IR,**  
**and USB 2.0**





Established in 2010, HDBaseT Alliance Contributing member HDCVT is a leader in the design, manufacture, and sale of audio and video equipment, including audio/video converters, splitters, extenders, switchers, and matrixes. HDCVT provides complete professional AV solutions to customers in over 100 countries around the world with a commitment to continuous technological innovation and market development.



**HDP-EHB100V3K**  
**HDBaseT 3.0 Extender**  
**with eARC/ARC/SPDIF**  
**and USB 2.0**

## Just Some of the HDP-EHB100V3K's Many Talents



Fully Uncompressed  
up to 100m/328ft.



Legacy or Object  
Based Sound



Bi-Directional  
Power



HDCP 2.2  
Compliant



High-Speed  
USB 2.0 Support



Gigabit  
Ethernet





HDBaseT Alliance Contributing member Matrox is a leading manufacturer of video products and components for the broadcast and media, live entertainment, and AV/IT markets. The company's award-winning hardware and software products deliver innovation that solves real-world industry problems, including encoders and decoders, KVM extenders, video wall controllers, and broadcast developer products.

**ConvertIP™ SRST**  
**HDBaseT/AVoIP IPMX-Ready**  
**Encoder/Decoder**



## Leverage Existing HDBT Installations Into and Across the IP Network



SMPT ST  
2110 Network  
Compatible



Automated &  
Standardized  
Discovery



Standards  
Based  
IPMX-Ready



HDBaseT  
v3.0

Compressed &  
Uncompressed  
Media &  
Control Data I/O

Compressed  
Media &  
Control Data I/O  
with PoE+

Locking  
Power  
Connector



[www.matrox.com](http://www.matrox.com)

HDBaseT Alliance Contributing member ProITAV is a leading global OEM/ODM specializing in the design, development, and manufacturing of digital audio/video products, primarily within the AV and IT business ecosystems. With over 25 years of experience servicing the AV and IT business ecosystem, ProITAV prides itself on innovation that enhances productivity and quality of life through effective, cutting edge, and timely solutions.

**EX0101-N628**  
**HDBaseT 3.0 KVM Transceiver**



**A Truly Extensive Set of Features Including**



Fully Uncompressed  
Up to 100m/328ft.



High-Speed  
USB 2.0 Support



Gigabit  
Ethernet



HDCP 2.2  
Compliant



HDMI Loop-Out  
for Local Viewing



Bi-Directional  
Power over HDBaseT

**MORE HDBT<sup>3</sup> PRODUCTS FROM** 

**MX-0402**  
**HDBaseT 3.0**  
**4x4 Matrix**

**ARCE-H403**  
**HDBaseT 3.0**  
**Extender with eARC**

**ARCE-H404**  
**HDBaseT 3.0**  
**Extender with eARC**





Founded in 2010, HDBaseT Alliance Contributing member Pulse-Eight are industry leaders in the development of Professional AV signal routing solutions. Designed and manufactured all in-house by its own R&D department and factory, Pulse-Eight boasts a wide collection of award-winning hardware including matrixes, splitters, end-points, and audio converters. Dedicated to enhancing customers' AV experiences with products that "just work," along with CEC technology and its own cloud monitoring, Pulse-Eight's products and solutions truly stand out from the crowd with unrivalled control for both users and installers.



**neo:X3**  
**HDBaseT 3.0 Video & Audio Matrix**  
**Simple. Effortless. Uncompressed**



Fully Uncompressed  
Up to 100m/328ft.



8 HDBaseT 3.0  
Outputs



8 HDMI  
Inputs



10 Audio  
Output Zones



Bi-Directional  
Power over HDBaseT

**neo:XSR**  
**HDBaseT 3.0 Video Matrix**



Dynamic  
Resolution Support



Audio Return  
Channel



HDCP 2.3  
Compliant



**Control System Integration**

Pulse-Eight has the industry's largest CEC command code library, resulting in seamless integration with the most common sources and displays. Control4 integration is simplified with integrated SDDP and custom features for better usability. And with IR over IP and micro-Phoenix ports to allow extension of RS232 control feeds for each HDBaseT output, Pulse-Eight provides solid control system integration on every install.



[www.pulse-eight.com](http://www.pulse-eight.com)



Founded in 1998, HDBaseT Alliance Contributing member Rextron is an industry leading designer, engineer, and manufacturer of an array of Professional AV integration solutions including digital signage, KVM, and more, with customers in over 40 countries worldwide. In addition to its own proprietary brand, the company also offers Original Equipment Manufacturer (OEM) and Original Design Manufacturer (ODM) services.



**EGBMU-M3210**  
**HDBaseT 3.0 True 4K**  
**KVM Extender with Local Out,**  
**USB 2.0, and Power over HDBaseT**



**EGBMU-M3010**  
**HDBaseT 3.0 True 4K**  
**KVM Extender with Local Out,**  
**Audio, Serial, and USB 2.0**



**GOOD TO KNOW:**

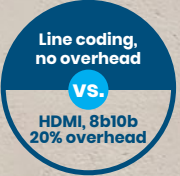
Rextron owns more than 100 types of patents on KVM, AV switches, and extenders!





# KEEP IT REAL, KEEP IT UNCOMPRESSED

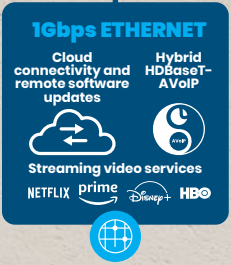
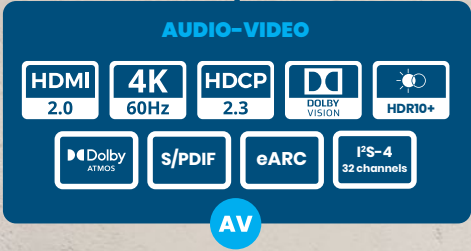
## HOW DOES IT WORK?



**16Gbps/2Gbps over 100m/328ft**



**HDBaseT 5PLAY** >>>



**PLUG & PLAY**

**BACKWARD COMPATIBLE**

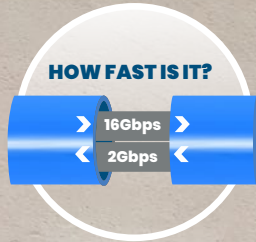


### DAISY-CHAINING YOUR INSTALLATION

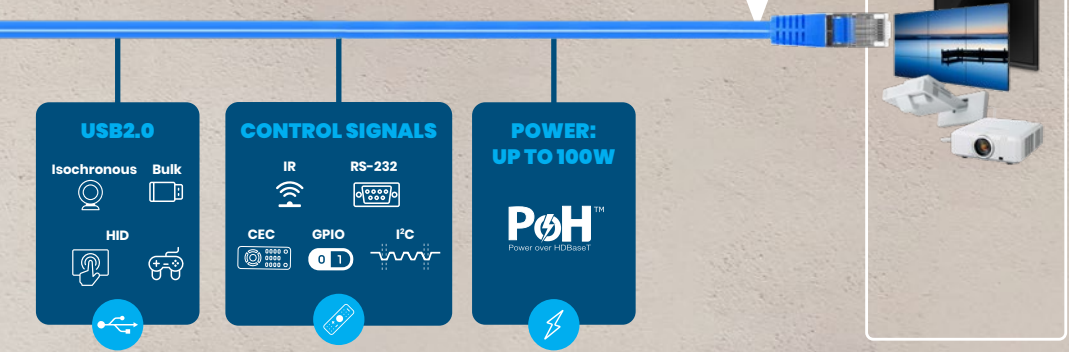


**Learn More About HDBaseT Spec 3.0 at [www.hdbaset.org](http://www.hdbaset.org)**

The ONLY long-distance AV distribution solution to support uncompressed HDMI 2.0 4K@60Hz 4:4:4, audio, 1Gb Ethernet, USB2.0, control and power



**Cat-6a, Zero Latency**



**CONFIGURABLE HDBaseT PORT**

Single SKU on TX or RX

TX <OR> RX

**COST SAVINGS**

**REDUCED INVENTORY LEVELS**

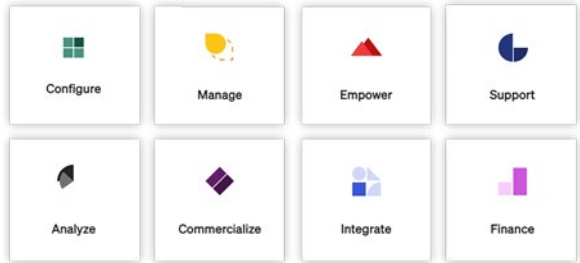
# Workplace by XYTE

## Connected Device Management Platform (CDMP)

HDBaseT supports remote deployment and monitoring of any HDBaseT device through XYTE's award-winning, no code, *Workplace by XYTE* cloud-based Connected Device Management Platform (CDMP). Featuring proactive monitoring capabilities, licensing management, firmware updates, remote configuration, and more, *Workplace by XYTE* enables system integrators and installers the ability to deploy and service their systems faster and more cost effectively, giving new meaning to what an HDBaseT experience can be for their customers.

### One Platform to Turn Your Hardware into Services

From device management through advanced support capabilities all the way to subscription management – *Workplace by XYTE* is your one-stop shop for everything HaaS!



### Innovative Commercial Models

- Create new services and revenue streams
- Build recurring revenue models
- Sell deeper into accounts with hardware, software, and support service bundles

### Connected Administration

- Manage all your products and customer accounts in one place
- Connect unlimited devices to the cloud
- Manage users' and resellers' accounts through a robust access management layer

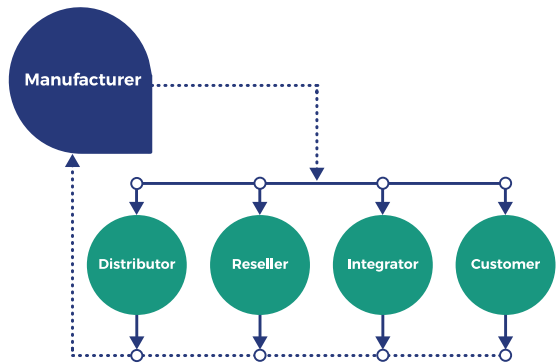
### Customer Experience

- Improve customer experience and reduce costs
- Proactively identify problems and accelerate resolutions
- Reduce onsite service costs with remote support

*Workplace by XYTE's* vendor-agnostic approach brings strong value to integrators by extending management applications across more AV and IT devices, regardless of the device vendor or technology. Valens, the HDBaseT chipset manufacturer, has joined forces with XYTE to deliver broader diagnostic monitoring capabilities to HDBaseT manufacturers as well by incorporating the *Workplace by XYTE* platform in its latest HDBaseT Spec 3.0 Evaluation Kit.

### **A Boost to AV and IT Convergence for Manufacturers, Integrators, and End-Users**

*Workplace by XYTE's* first-of-its-kind cloud platform bridges the gap between hardware devices and modern cloud applications. Manage and collaborate across your entire business ecosystem. Harness your data to build new products, services, and revenue models.



### **Built to the Highest Enterprise-Grade Standards**

We are committed to keeping our customers' data secure. Hosted on Amazon Web Services (AWS), *Workplace by XYTE* implements the strictest security measures, and our team is constantly investing in security to stay up to date so you can rest assured that your data is kept safe.

**For more information**



[www.xyte.io](http://www.xyte.io)



Award-winning HDBaseT Alliance Adopting member Blustream is a developer of a wide range of innovative signal distribution solutions positioned at the forefront of the Pro AV industry. With a product development team that spans over three continents, state-of-the-art testing, and training facilities, Blustream's products can be installed in any AV environment with unrivalled confidence, backed up by 24-hour technical support via phone, email, and live chat.



## HEX18G-KIT Advanced HDBaseT 3.0 Extender Kit



HDMI Re-Clocking  
Support



Bi-Directional  
IR & RS-232



HDCP 2.3  
Compliant

## HEX18GARC-KIT Advanced HDBaseT 3.0 Extender Kit with eARC / ARC / Optical Audio Return



## FUN FACT

Blustream was the first manufacturer to fully integrate ARC via HDMI into the HDBaseT signal!

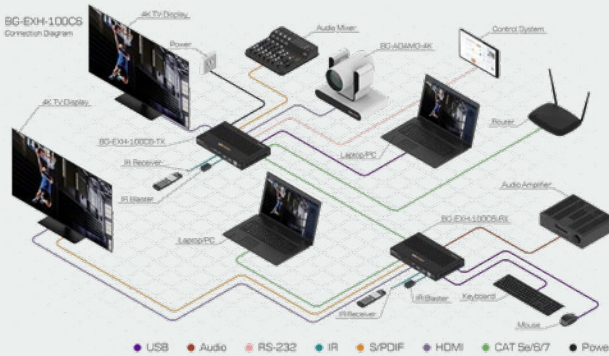


# BZBGEAR

Founded in 2019, HDBaseT Alliance Adopting member BZBGear is a manufacturer of multimedia signal distribution equipment, video wall processors, high-resolution cameras, and more, providing innovative, cost-effective solutions for any size project. The company specializes in helping integrators and installers bridge the gap between the Pro AV and Broadcast worlds with solutions that connect these two separate, but intertwined industries.



## BG-EXH-1006 HDMI HDBaseT 3.0 Extender with eARC



Fully Uncompressed  
Up to 100m/328ft.



Dual USB 2.0 on  
Both TX & RX



HDCP 2.2  
Compliant



HDMI Loop-Out  
for Local Viewing



Bi-Directional  
Power





A brand of legrand

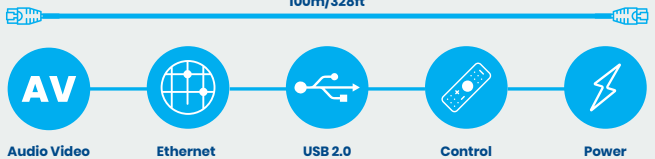
HDBaseT Alliance member C2G is an industry leading manufacturer of high-performance cabling and connectivity solutions. C2G provides end-to-end connectivity solutions serving a variety of markets, including corporate, digital signage, education, healthcare, hospitality, and home theater. C2G brings a complete portfolio of products and solutions that are renowned for superior quality, value, and innovation.

### C2G30055 HDBaseT 3.0 Extender Kit With USB-B to A, and Gigabit Ethernet



## Extend Multiple Interfaces Over the Same Category Cable

**HDBaseT  
5PLAY**



Utilize the USB ports to connect a streaming camera while maintaining 350Mbps of data transmission.





Launched in 1994, the DIGITUS brand has been available on the global market for over 20 years with a comprehensive product range for the professional AV market.

An HDBaseT Alliance Adopting member, DIGITUS offers a wide range of comprehensive, well-designed connectivity and signal transmission solutions, including HDMI, mini-USB, and the trusty old two-pin grounded plug.



**DS-555231**  
**HDBaseT 3.0**  
**Extender Set with eARC**

### It's All About Connections with Key Features Such As



Fully Uncompressed  
Up to 100m/328ft.



Legacy or Object  
Based Sound



Bi-Directional  
Power



HDCP 2.2  
Compliant



HDMI Loop-Out  
for Local Viewing



USB-B  
Input





With a 60-year legacy of serving the AV industry, Vanco International, engineers, manufactures, and sells premium audio/video products and electronic accessories. An HDBaseT Alliance Adopting member, Vanco is comprised of four unique brands, including Vanco®, Evolution™, PulseAudio™, and most recently, Beale Street Audio™.



### EVEXHDB3 HDBaseT 3.0 Extender with eARC, KVM, and Gigabit Ethernet

## An Award-Winning Feature Set Including



Fully Uncompressed  
Up to 100m/328ft.



High-Speed  
USB 2.0 Support



Legacy or Object  
Based Audio



Bi-Directional  
IR & RS-232



Bi-Directional  
Power over HDBaseT



HDMI Loop-Out  
for Local Viewing







HDBaseT Alliance Adopting member IDK is a world leader in the Professional AV market. The company creates state-of-the-art signal distribution products including extenders, switchers, video converters, matrix switchers, and more. IDK is not only committed to creating and developing best-in-class AV equipment, but it is also committed to the planet and environment, with a social responsibility policy that aims to Reduce, Reuse, and Recycle.

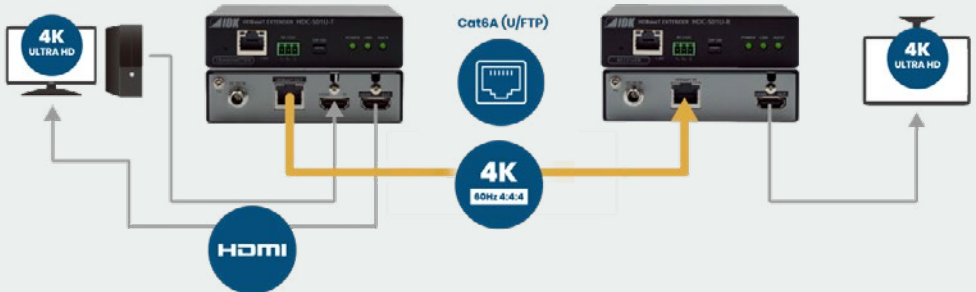


**HDC-S01U-T**  
**HDBaseT 3.0 Transmitter**  
**Uncompressed 4K@60Hz 4:4:4**  
**up to 100m/328ft.**

**HDC-S01U-R**  
**HDBaseT 3.0 Receiver**  
**Uncompressed 4K@60Hz 4:4:4**  
**up to 100m/328ft.**



### High-Definition, Zero Latency, Fully Uncompressed





Headquartered in the heart of the Startup Nation – Tel Aviv, Israel – and with locations around the world, Kramer’s audio-visual experts are designing the future of engagement technology. An HDBaseT Alliance Adopting member, the company designs, manufactures, and distributes signal management solutions for video, audio, computer graphics, and control signals, with products used in professional AV, broadcast, and production markets around the globe.



**EXT3-C-XR-T**  
HDBaseT 3.0 USB-C Transmitter  
with Built-In Full USB-C Dock

**EXT3-2I-XR-TR**  
HDBaseT 3.0  
2x1 Switcher Extender



Fully Uncompressed  
up to 100m/328ft.



High-Speed  
USB 2.0 Support



Bi-Directional  
Power

**MORE HDBT<sup>3</sup> PRODUCTS FROM** **kramer**

**MTX3-88-SE**  
HDBaseT 3.0  
8x8 Scaling Matrix

**SWT3-31-HU-TR**  
HDBaseT 3.0 Switcher  
with Secured Management & Control

**EXT3-XR-TR**  
HDBaseT 3.0  
HDMI/USB Transceiver

**EXT3-C-WP-XR-T**  
HDBaseT 3.0 Two Gang  
Transmitter Wall Plate

**TP-600TRxr**  
HDBaseT 3.0 Extender

**EXT3-TR**  
HDBaseT 3.0  
HDMI/USB Transceiver

**EXT3-POE-XR-R**  
HDBaseT 3.0  
HDMI/USB Receiver



# Liberty

Liberty AV Solutions is an AV Infrastructure systems provider offering point-to-point electronics, BYOD content sharing solutions, digital signal management, cables, and connectors.

An HDBaseT Alliance Adopting member, Liberty remains focused on cutting-edge technology, customer service, and education, while continuing to provide the broadest range of professional AV products, services, and solutions available.



**DL-1H1A1UB-H3**  
Digitalinx Series 4K HDMI & USB  
HDBaseT 3.0 Extension Set

**DL-HDE100-H3**  
Digitalinx Series HDBaseT 3.0  
Extension Set



**DL-1H1A1UCWP-H3**  
Digitalinx Series 4K60 HDMI, USB, USB-C  
HDBaseT 3.0 Wall Plate Extension Set

## MORE **CHDBT<sup>3</sup>** PRODUCTS FROM Liberty

**DL-HD70-H3**  
Digitalinx Series  
HDBaseT 3.0 Extension Set

**DL-1H1A1UWP-H3**  
Digitalinx Series 4K@60Hz  
HDMI & USB HDBaseT 3.0  
Wall Plate Extension Set

**TU-HUC42-KIT**  
TeamUp+ Series Dual or  
Single Screen Collaboration  
Switcher / Extender / Hub



[secure.libertycable.com](https://secure.libertycable.com)

HDBaseT Alliance Adopting member MSolutions' passion for quality, innovation, and video distribution has led to the engineering of the award-winning MS-TestPro 104 HDBaseT diagnostic tool for certifying CAT 6 installations to required video and data standards. In addition, the company also offers a comprehensive range of AV solutions including cable testers, cameras, and HDBaseT extenders.

## MS-TestPro 104 All-Inclusive HDBaseT Tester



### Expansion Modules

- AVoIP Compatibility Tester
- DC Resistance & Looper Tester
- HDMI Cable Tester
- USB Cable Tester



### Key Features



Super Fast Analytics  
in Seconds



Handheld  
Device



Mains & Battery  
Powered



Portable



Affordable



Eliminates the Need  
for Call-Backs



Generates Link  
Certification  
Reports



Ensures Consistent  
Signal, Guarantees  
Interoperability



## MS-3R Series HDBaseT 3.0 Extenders

**4K**

60Hz 4:4:4

Fully Uncompressed  
up to 100m/328ft.



Gigabit  
Ethernet



Bi-Directional  
Power



HDBaseT Alliance Adopting member Ocean Matrix is a manufacturer of affordable and versatile interface connectivity and extension solutions for the Professional AV industry, offering multiple features and reliable performance. The company offers rugged, easy-to-use distribution amplifiers, extenders, converters, hum eliminators, and video switchers. Their innovative color enhancement chipset (CEC) technology produces jitter free imagery and vibrant color enhancement for superior picture quality.



**OMX-01HMBT0013**  
**HDBaseT 3.0 Extender Set**

### A Tidal Wave of Features Including



Fully Uncompressed  
Up to 100m/328ft.



High-Speed  
USB 2.0 Support



Legacy or Object  
Based Audio



Bi-Directional  
Power



HDCP 2.2  
Compliant



**Extend Them All up to 100m/328ft.**  
**Over a Single Category Cable**



A full-service AV provider for its B2B partners, HDBaseT Alliance Adopting member PureLink develops digital connectivity products such as digital cables, adapters, switches, matrixes, extenders, converters, and more. The company also acts as a sales and service partner for complementary categories, offering everything from a complete product range to individual customer solutions under one roof.



**PT-PSW-21KVM**  
**HDBaseT 3.0 KVM Extender Set**

**PT-HDBT-1020C-TX**  
**HDBaseT 3.0 HDMI+USB-C Transmitter**



**PT-HDBT-1020C-RX**  
**HDBaseT 3.0 HDMI+USB-C Receiver**

**PT-PSW-52KVM**  
**HDBaseT 3.0 HDMI/USB**  
**KVM Extender Set**



## MORE **HDBT<sup>3</sup>** PRODUCTS FROM PureLink

**PT-HDBT-1020HU-TX**  
**HDBaseT 3.0**  
**KVM Extender**

**PT-HDBT-1020HU-TX**  
**HDBaseT 3.0**  
**HDMI+USB Transmitter**



# HDBaseT Master Program

The HDBaseT Master Program is a free, online course designed to provide professional AV integrators and installers with the most updated, relevant, and useful information to support you in your HDBaseT installations. Receive a first-class education in the global standard for ultra-high-definition audio and video distribution, including the latest HDBaseT Spec 3.0, supporting the extension of uncompressed 4K@60 4:4:4 over a standard Category cable for up to 100m/328ft.

**The HDBaseT Master Program is comprised of three comprehensive modules:**

## Module 1

### INTRODUCTION & TECHNICAL INSIGHT

Gain a deeper insight and understanding of HDBaseT technology, its history, and its recommended practices.

## Module 2

### HDBaseT 5PLAY DEEP DIVE

Explore the foundation of HDBaseT technology's 5PLAY feature set, along with its capabilities across the evolving versions of HDBaseT.

## Module 3

### INTEROPERABILITY & SYSTEM DESIGN

Gain proficiency in the best practices for HDBaseT system design including product qualification, selection, cabling, and termination, as well as interoperability, and troubleshooting techniques.

With all-new products officially hitting the market supporting HDBaseT Spec 3.0, there's never been a better time to become an expert in the fully uncompressed potential of the technology's latest generation.



**Upon completion of all three modules of the program,  
you will have earned:**

- An official HDBaseT Master certificate
- A free HDBaseT Master t-shirt
- 3 AVIXA CTS RU credits
- 3 CEDIA CEU credits



**To learn more about the HDBaseT Master  
Program and register for the course visit  
[experts.hdbaset.org](https://experts.hdbaset.org)**



[www.hdbaset.org](http://www.hdbaset.org)