

Habitech System

UltraBluRay @3840 x 2160 4:2:0 24/30 fps 10.2Gbps

SCP HD Premium cable 10.2Gbps

SCP 10G connector 10.2Gbps

SCP CAT6A or CAT7A cable 10.2Gbps

SCP 10G connector 10.2Gbps

SCP HD Premium cable 10.2Gbps

10.2 Gbps

Wyrestorm H2X matrix HDBaseT outputs 3840x2160 @4:2:0 10-bit HDR (BT.2020) @24/30Hz 10.2Gbps

Wyrestorm H2 Balun 10.2Gbps

4K HDR END 2 END



Possibly the World's ultimate display team of JVC DLA-Z1 laser PJ and Projecta's HD progressive screen surface on dem at the Projecta stand at ISE



Ultrawide Matrix

If you're taking the copper road, preserve optimum signal integrity under the 10Gbps ceiling through Wyrestorm's new H2x line - the industry's premium matrix offering launching at ISE. A step up from the previous H2 range, H2X includes both 16x16 and 10x10 models, with HDBaseT outputs distributing 2160p transmissions at 4:2:0 8-bit @ 60Hz or 4:2:0 10-bit HDR (BT.2020) @ 24Hz to the new super-slim H2X balun for full compatibility with the latest 4K UHD content, source and display devices.

when pristine HD audio and 4K video are combined to glorious effect, especially if you can use your wide bandwidth network design to exploit the innate integrity of CI's ultimate display team: JVC's DLA-Z1 laser projector and Projecta's HD Progressive screen surface. Fed with squeaky-clean video, this sublime pairing unites the Z1's eight million perfect 4K pixels with the microscopically smooth HD Progressive screen for the most accurate pixel resolution, revealing breath-taking detail, colour and contrast - and our 4K End-to-End system infrastructure at its finest.



Expo intros from SCP and Chromis include UHD Premium certified HDMI cables, easy-to-terminate 10G RJ45 plugs, and ultra-fast long range Active Optical HDMI connections

Back from the balun, plug any potential signal loss with SCP's shielded CAT 6A or 7 wires (recommended by the HDBaseT Alliance) and use the brand's new 10G RJ45 field terminations, which require no crimping or special tools to secure easy connection integrity.

Come share a beer with us at the Projecta stand at ISE, 5pm Wednesday February 8 and witness the team in action; you really do have nothing to lose!

Both Wyrestorm H2X models provide full-range 4K UHD HDMI 2.0 inputs and mirrored HDMI 2.0 outputs, expanding their 4K distribution capabilities to 16x16+16 (MX-1616-HDBT-H2X) and 10x10+10 (MX-1010-HDBT-H2X). On top of all this, new integrated audio matrix functionality, which includes powerful DSP adjustment of audio characteristics such as EQ, delay and gain, allows up to three separate audio sources to be routed to each output for a total of 48 possible audio inputs through the 16x16 and 30 through the 10x10.



Ultrafine Results

Integrate the display through SCP's HD Premium Certified HDMI cables or use Chromis AOCs over longer distances. Your careful choice of high speed, data-tight system components will be rewarded

Wyrestorm's H2X UHD matrix tech makes its European debut at ISE stand 5-S100



More information: Habitech +44 (0)1256 638500, www.habitech.co.uk



4K Pristine To The Screen

In the age of big data, the new objective for systems integrators is not to lose anything between source and screen. Habitech's Jonathan Pengilley intros his pick of ISE product stars designed to preserve AV integrity end-to-end.

Ever since we took a speaker from the floor, put it into a wall and connected it to a sound system, the service of integration has defined our industry's value-added skill set. It's the gift that keeps on giving if the ever-expanding Integrated Systems Europe Expo is anything to go by. But the allure of smarter more discreet performance may begin to wane if we fail to deliver the promise of rocketing data speeds and definitions. Beyond expanding connectivity, simplifying control and perfecting aesthetics, the new challenge for today's CI systems is to integrate big data perfectly. At ISE 17, we'll intro new ways to keep AV pristine to the screen.

All it takes is the judicious choice of higher performance components in line from source to screen. And we've made it easy. Avoid the data pinch-points that plague typical systems by connecting products from our recently launched '4K End-to-End' line-up, including several product stars soon to be unveiled at ISE 2017.

Ultrafast HDMI

Connect the source to the amplifier or matrix using SCP's Premium Certified HDMI cables, featuring exclusive 'Snug-Tite' plugs for a secure connection and designed to carry the full HDMI 2.0 spec payload at 4K@60 4:2:0, BT.2020, HDR for 18Gbps over five metres.

Keep the integrity at up to 100m with Chromis Fiber Optics Polymer Optical Fibre (POF) Active Optical Cables (AOCs). This new cable breakthrough represents a significant advance in network tech, offering a long-range alternative to UTP copper by deploying optical fibre for high-speed (18Gbps) HDMI data transmission 'between the connectors'. The connectors perform electrical-to-optical conversion at the source and then reverse it at the destination. What's more, the plastic fibres can sustain very tight bends with no loss of signal (unlike conventional glass fibres) and their slender plug profile makes pulling through and connection to wall boxes and other devices easy.

Integrating The Quality Of Integrity

Client expectation of ever faster data access, IoT functionality and higher display and audio definitions has seen the preservation of signal quality - that is signal integrity - rise to the top of our 'things to do' list. Increasingly it's the quality of data integrity complementing the process of integration that provides the ultra-defined outcomes. Syncing the power to connect with the capacity to transmit ALL data end-to-end will deliver, for instance, UHD Blu-ray in the best possible quality, meeting the demands of your customers and justifying the value of your work.



New products at ISE 17 join Habitech's '4K End-to-End' initiative to preserve data quality from source to screen