

# Bright Ideas

connect | innovate | inspire

**2023/24**

Your go-to **AV** guide





# Bright Ideas 2023

“ Welcome to the latest edition of our Bright Ideas publication! This year is better than ever and is packed with the latest and greatest products available from our manufacturer partners, all available via your local GVAV team.

In the last 12 months we have strengthened our branch network with the addition of a new branch in Dundee, new premises in the North East and (in case you haven't heard) a new 21,000ft<sup>2</sup> Head Office and branch facility covering London and the South East, further demonstrating our commitment to providing facilities dedicated to support our customers across the UK.

We have seen recent improvements for many products within the supply chain, but there are some key product categories that are still working towards greater availability. Therefore, careful planning and early commitment is still required to ensure projects are delivered without risk.

Where longer lead time items are needed, please speak to your local GVAV team who will ensure you get up-to-date information to ensure you can feel comfortable that your projects are well managed and that stock will be available when you need it.

I hope you find your new **Bright Ideas** a fantastic audio visual encyclopaedia at your fingertips! ”

*Kristian Cutting*

**Kristian Cutting**  
**Joint-Managing Director**



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# Synergy Atmos

Choose from a wide range of colour options and match your fabric panel to your metalwork

- **Improve your meeting experience**

Dynamic and innovative solution for open plan meeting spaces. Fabric panel behind the screen gives focus to the meeting and limits distractions.

- **Reduce costs + save resources**

Parachute fully integrated meeting spaces into your open plan environment with minimal impact on infrastructure.



### Collaboration is key

Create learning spaces that enhance student collaboration,



### Communicate & share

Our table shapes help promote discussion and enhance engagement.



### Facilitates seamless AV/IT integration

Complete internal cable management creates an 'all-in-one' solution.

### Choice of worktop shapes



BLADE



TEARDROP



REVERSE SPECTRUM



BESPOKE OPTIONS

# Adapt

customisable screen trolleys

- **Single and dual screen options**  
(Single - up to 800x600 VESA)
- **Manual & electric HA versions available**
- **Secure PC storage with bespoke aperture for your specific model**

Sound bar & camera brackets / Control panel housings



3x 2U vertical racks on both sides

Removable/lockable panels for maintenance



## Spire

All-in-one solution

- PC enclosure / rack options
- Customisable connectivity
- Range of colour finishes
- Optional screen shroud with your branding
- Manual "Gravity" HA versions available

800x600 VESA



## Levigator

Economic HA screen trolley

- Equality-Act compliant
- Lockable storage space behind the screen
- Easily deploy HA screens into a variety of spaces

800x600 VESA

80kg



## Nova

Low Cost. Secure. Simple.

- Cost effective solution for quick and easy screen deployment
- Complete cable management
- Available in black from stock (other colours available POA on extended lead times)

700x400 VESA

60kg



# An unrivalled range of AV lecterns to suit every requirement



RUBI




EXPLORER




CREDENZA



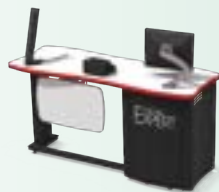
JUNO (wall mounted) 



MESSENGER 



BRAVO 



EXPERT




CONTOUR



ARIES 



GEMINI 

 Height adjustable



## Secure your AV equipment

Robust steel construction & drill resistant locks ensure security.



## Seamless AV/IT integration

Complete cable management creates 'all-in-one' solutions.



## Make it your own!

Choose from a range of finishes & branding options.

# SYNERGY Collaborative Tables

The SYNERGY COLLABORATIVE TABLE range is a dynamic and innovative solution that allows users to share ideas and information seamlessly.

SYNERGY is designed to fit specific user requirements, ranging from a two-seater huddle space to a 20-seat boardroom style table.

## Choose your preferred worktop shape...



Plectrum



Reverse Plectrum



Quad



Blade



Teardrop



Fusion

## Configured to your requirements...



Height adjustable configurations



Made-to-measure PC cages



Bespoke connectivity (HDMI / USB / Mini DP / aperture for control panel)



Cables concealed and locked away



Camera/ Soundbar mount for **unified comms**





### Quantum

An electrical height adjustable presenter with a 15U rack cupboard with desktop widths from 1200mm – 1800mm. This model is available as a 2200mm wide double cabinet desk or an 1800mm wide single cabinet desk. Features concealed void beneath desktop for hiding cables, and desktop mounted equipment giving greater flexibility. A wider rack cupboard with a fully removable lockable rear panel. Finished to the RAL colour of your choice, with optional graphics and logos.



### Chester Podium

A space-saving solution for smaller or flexible teaching spaces. The Chester Podium is ideal for users who don't need space for a local PC. It has a 7U vertical rack in the stem, with 9U of half-rack space above. Full cable management through the base and stem. Hidden castors allow easy reconfiguration of teaching spaces.



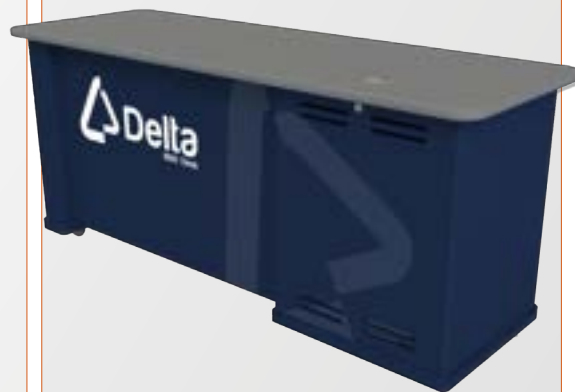
### Alpha Presenter

The ever-popular Alpha Presenter range is available as fixed height or electrical height adjustable, teaching desks, lecture theatre desks and lecterns. The 15U, 16U or 18U cabinets have lockable doors and hatch to access AV components easily.



### Delta

The Delta 1800 desk provides a larger working area with 15U of rack space for hybrid teaching. Cable management is provided through the base and underside of the desktop. Developed to fit in our popular Delta Presenter range, it gives the same level of value and quality. Available in any of the RAL shades.





**FEATURED  
PRODUCT**



Laptop Cubby Desk

**Screen Stands & Dividers**



Screen Riser

TeamMate has a variety of digital signage and divider products to help aid any meeting or teaching environment. Each product has the ability to be manoeuvred between spaces providing that extra level of flexibility.

**Collaborative Tables**



HuddleZone

WorksZone Table

Our range of collaboration furniture provides users with unparalleled accessibility to technology in order to help facilitate any huddle or active learning application..

**Lecterns, Podiums  
& Teaching Desks**

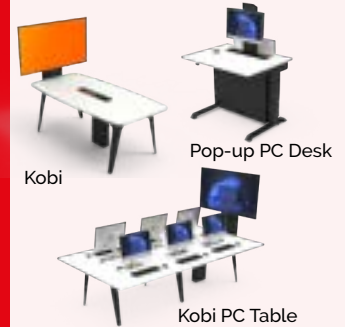


VariHite Lectern

Educator Single VH

With a modular design and added flexibility of height adjustment, each lectern and teaching desk has been carefully designed to ensure that it meets the functionality required for your AV needs.

**Technical Desking**



Kobi

Pop-up PC Desk

Kobi PC Table

TeamMate has developed a suite of agile and flexible desking solutions. Each desk has the ability to be customised to suit your room layout and AV/IT requirements.



**NEED SOMETHING BESPOKE? JUST TALK TO US FOR SPECIFIC REQUIREMENTS.**

## Rhobus Stands & Trolleys

The complete corporate communications platform. The Rhobus range of stands and trolleys answers all the needs of the corporate user - from boardroom to prestige exhibitor. Ample capacity is provided within the central mast for cabling, codecs etc, all accessible through a locking door.

<b>RH100</b>	<i>single screen</i>	<i>33 - 70"</i>	<i>up to 80kg</i>
<b>RHBD100</b>	<i>bolt down</i>	<i>33 - 70"</i>	<i>up to 80kg</i>
<b>RFWSH</b>	<i>floor-to-wall</i>	<i>33 - 70"</i>	<i>up to 80kg</i>
<b>RH200</b>	<i>twin screen</i>	<i>33 - 70"</i>	<i>up to 80kg</i>

*Add -HD to part codes for screens up to 110" and 150kg.*



## Presenter Wall Mounted Control Desk

Ideal for small lecture theatres or anywhere where space is limited. Folding surface is ideal for laptop, notes etc. Unit is designed to be functional yet compact, with many control panel options.

Lockable cabinet is provided for a PC with access to PC ports and power through the side of the unit. A 3U rack strip is built in. Options include UK two gang aperture, plus any control panel features required.

**UFPL08** *White or black cabinet finish*



## The Mentor Lecturer's Desk

Provide lecturer with a professional central desk facility. Change lighting, audio, content and video sources from one place.

Each Mentor comes with a hinged desk, control housing and monitor arm. Available with a range of table top finishes and cabinet colours.

**UFMD13** *Range of cabinet and desk top finishes*





## Ceiling Suspension Trade Packs

'Package priced' kits that provide simplicity and convenience for screen suspension.

This trade pack combines the necessary ceiling plate, column and PZW1 universal tilting screen mount for a typical single screen suspension installation. The KP kits come with a 1000, 2000 or 3000mm UNICOL chrome column as standard. Ideal for transport and retail environments that may require many solutions across a series of stores or as a ready-to-go solution.



### KP110CB (Single Sided) | KP110DB (Double Sided)

**Screen Size:** 40-70"

**Max Weight:** 60kg

**Screen Size:** 40-70"

**Max Weight:** 45kg per screen



## Avecta Heavy Duty Trolley

From boardroom to show venue, this trolley is a flexible and adaptable solution with excellent cable management.

The TCAVT offers cable management through the chrome columns. The columns also provide simplicity with height adjustment when fixing your screen. Fitted with an integral universal mount (PZX9).

### TCAVT

**Screen Size:** 71-110" **Max Weight:** 120kg

## Nest-Star Nesting Trolley

The Nest-Star is a complete teaching assistant on wheels that can be deployed quickly and neatly stowed when not in use. The trolley mast is customisable to suit customer requirements.



### NST1

**Screen Size:** 33-70"

**Max Weight:** 80kg

### NST2

**Screen Size:** 71-90"

**Max Weight:** 150kg

## PowaLift Trolley

Electronic control and PowaLift technology create a versatile solution that is ideal for education. Screens can smoothly transition through 700mm.



### AVMT71 (pictured)

**Screen Size:** 33-70"

**Max Weight:** 100kg

### RHPL100-HD

**Screen Size:** 71-110"

**Max Weight:** 150kg

## Serviceable Cassette Mounts

Wall fixed screen mounts with behind screen vertical or horizontal sliding racks for AV devices. In the event of a swap out, the rack can detach easily.



### VTS1 & HTS1

**Screen Size:** 71-110"

**Max Weight:** 110kg

### VTS2 & HTS2

**Screen Size:** 46-70"

**Max Weight:** 60kg

## MOTORISED HEIGHT ADJUSTABLE STANDS

*Effortless vertical adjustment of the mounted screen*



**BT8568**  
MOBILE STAND



**BT8569**  
FLOOR-TO-WALL  
STAND

*Easy-to-use motorised height adjustment* allows a mounted screen to be positioned at various heights

Designed for **screens up to 86" / 100kg**

**Interface arms** include levelling screws to adjust the height of the screen

**Auto-stop:** automatically stops screen stops moving when resistance is felt

**Ideal for use with large touch screens and interactive displays**

**BT8568** is a mobile solution with non-marking locking/braked castors for easy maneuverability

**BT8569** is a close to the wall fixed solution that mounts from the floor and wall

Supplied with  
electronic  
control console



BT8568 features  
non-marking  
braked castors



## HEAVY DUTY FLAT SCREEN WALL MOUNT

*Ideal for interactive touchscreens in the classroom*



**BT9903**  
XL HEAVY DUTY UNIVERSAL  
FLAT SCREEN WALL MOUNT

**Low profile design** is ideal for maintaining a spacious and tidy work area

Designed for **screens up to 120" / 200kg**

**Simple 'hook-on' installation** with all mounting hardware included

**Adjustment screws** allow the screen to be levelled easily when mounted to the wall

**Lateral adjustment of screen once mounted** allows for optimum positioning of the screen

Also compatible with the **SYSTEM2** range to create component based pole mounting solutions



Mount  
XL screens up to  
120" / 200kg





### Flat Panel Trolley

For extra large touch-screens



Trusted level of safety



Cable Management

**SR598**

**Display Size**  
55" - 98"+

**Colour**  
Available in black or white

**Vertical Adjustment\***  
\*at time of install



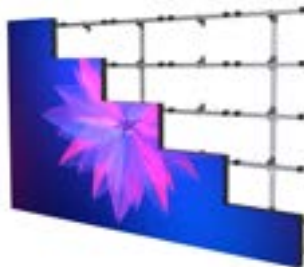
### New Seamless Kitted Universal dvLED Mounting Solution

Ready to revolutionise latching dvLED display installations, the new DS-LEDUNV is unlike any other mount on the market thanks to X, Y and Z adjustment, quick-connect clamps and an installer-friendly template

**DS-LEDUNV**



Scan for more info



### Outdoor Smart City Kiosk



Corrosion Resistance



Wind Tested 135 mph



**KOP55XHB-EUK**

**Display Size**  
Includes 55" Xtreme™ High Bright Outdoor Display

**Spacious IP55 Rated Media Cabinet**  
for storing AV components

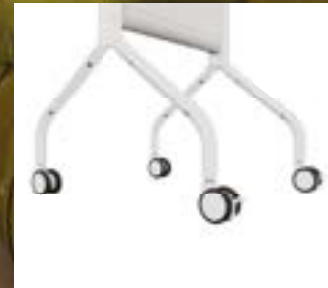
Optional IR Touch Overlay

CHIEF

# Voyager

**MOBILE CART**

*Move with Style*



[LegrandAV.com](http://LegrandAV.com)

# Flexible mounting solutions

Neomounts offers high quality products, smart design, ease of installation & value for money. A 5-year warranty is given on all products as standard.

With 25 years of experience and active in more than 30 countries worldwide, Neomounts offers the best mounting solutions for every situation, including schools, universities and more.



**NM-M1700BLACK**  
Manual

32-75"  
0-50 kg  
200x200  
600x400

Incl. AV-kit

**PLASMA-M1950E**  
Manual

60-100"  
0-100 kg  
200x200  
1000x600

Incl. AV-kit

**FL55-875BL1/WH1**  
Motorised

37-100"  
0-110 kg  
100x100  
800x600

AV-kit optional

**WL55-875BL1/WH1**  
Motorised

37-100"  
0-110 kg  
100x100  
800x600

AV-kit optional

**WL30-550BL18**  
Fixed

43-86"  
0-70 kg  
100x100  
800x400

Ultra flat

**WL30S-950BL19**  
Fixed

55-110"  
0-160 kg  
100x100  
1500x900

Portrait and landscape

**WL35S-910BL16**

40-75"  
0-50 kg  
300x100  
600x400

**CL25-540BL1**

0-35 kg

**DS70-700BL1**  
Gas spring

17-27"  
2-7 kg  
75x75  
100x100

**DS70-700BL2**  
Gas spring

17-27"  
2-7 kg (2x)  
75x75  
100x100

**FPMA-D550BLACK**

10-32"  
0-8 kg  
75x75  
100x100

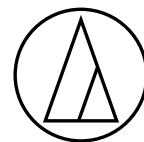
**FPMA-D550DBLACK**

10-32"  
1-8 kg (2x)  
75x75  
100x100

**NSLS075BLACK**

10-16"  
0-5 kg





audio-technica

# ATND1061

## Beamforming Ceiling Array Microphone

The **ATND1061** Beamforming Ceiling Array Microphone is an ideal solution for conference rooms, boardrooms, and meeting spaces large and small. The microphone may be used singly or in multiples (for larger meeting spaces) to capture every person speaking in a room with clear, natural audio that reduces distracting environmental sounds. A state-of-the-art professional product in a familiar form factor (roughly the size of a wireless access point), the **ATND1061** is easy to install, set up, and operate.

Now certified for use with Zoom Rooms and Microsoft Teams Rooms as part of a Q-SYS System.



Beamforming  
Microphone Array



Dante Output  
(ATND1061DAN)



Digital Microphone  
Manager Software



Noise  
Reduction

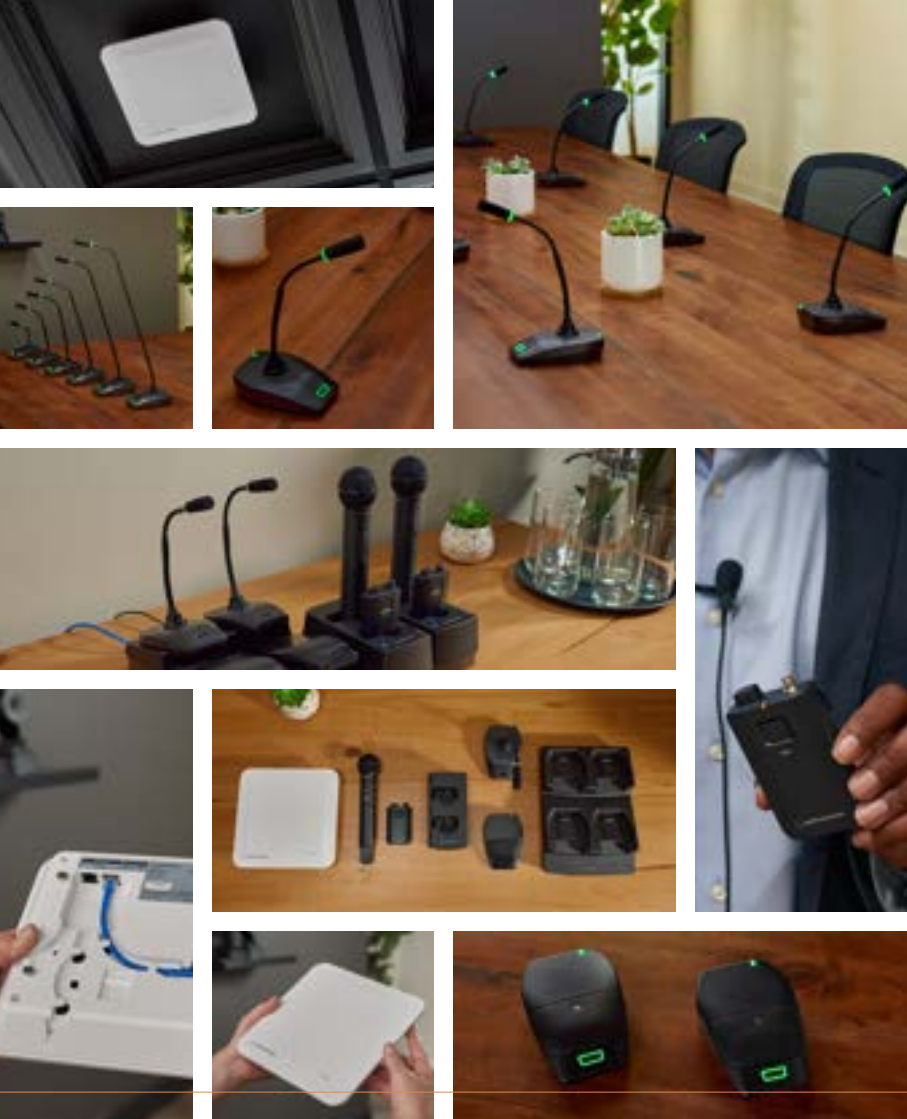


Acoustic Echo  
Cancellation



Digital  
Processing





/ DECT Wireless System

## Engineered Sound® Wireless System

The demand for wireless microphones has grown as a result of the increasing prevalence of videoconferencing and web conferencing. Audio-Technica's Engineered Sound Wireless System is a DECT wireless system that offers simple, smart, and scalable high-quality audio. This system overcomes many challenges of conventional wireless microphones, such as frequency coordination and the limited number of simultaneous microphones.



Scalable Up  
to 192 Usable  
Channels



All-Day  
Operation  
On a Full Charge



Automatic  
DECT-Based  
Frequency  
Management



Dante Audio  
Output

# Simple control. Powerful DSP.

IN  
STOCK

Optimal Audio offers a range of controllers and processors alongside loudspeakers and amplifiers.



**Zone** is a series of controllers comprising 4 or 8 zone powered and non-powered versions, with a host of connections including two HDMI inputs and outputs for video pass through.

The **ZonePad** wall mounted controller provides users clear access to essential controls.



**WebApp** offers easy DSP setup for the integrator and simple control for the end user using a tablet, phone or computer.



Optimal Audio

Distributed in the UK by  
Audio-Technica Ltd.



**BOSE**

PROFESSIONAL

## COMPLETE SOLUTIONS FOR MORE INSTALLATIONS

### **BOLD SOUND. HIDDEN IN PLAIN SIGHT.**

The **Bose Professional Panaray MSA12X** is a self-powered digital beam-steering loudspeaker that enables improved room aesthetics, with outstanding vocal intelligibility and tonal consistency. The proprietary Articulated Array® transducer configuration allows wide, 160° horizontal coverage throughout the room, and MSA12X's modular design allows building of vertical arrays using 1-3 units. Dante® digital audio network interface comes standard for connection with other Dante-enabled products over Ethernet-based networks.



Learn more at [pro.bose.com](https://www.pro.bose.com)

### **SETUP SIMPLICITY. CONFERRING CLARITY.**

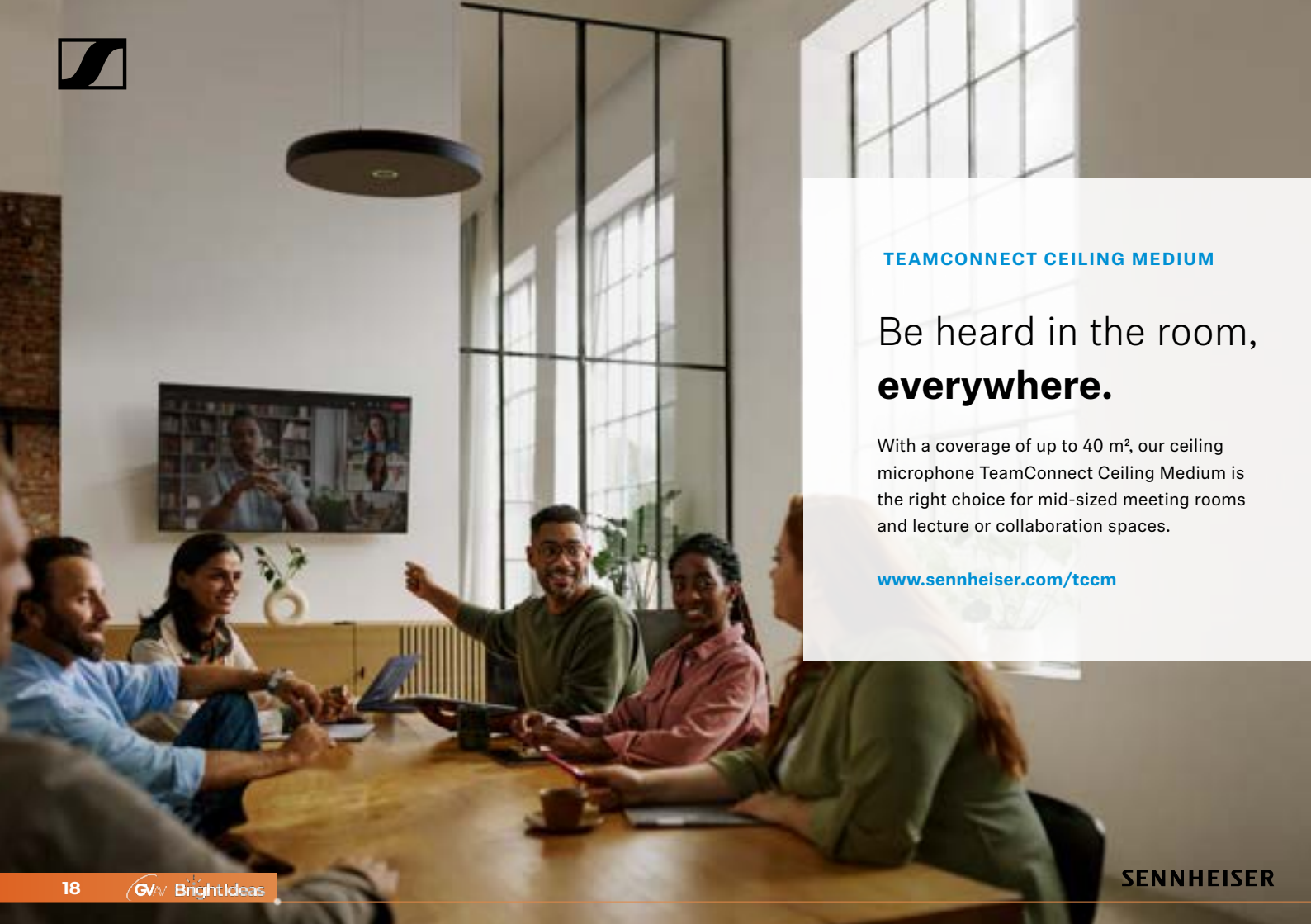
Bring a simplified, crystal-clear meeting experience to your small and medium conference rooms with **Bose Videobar VB1** and **VB-S**. Both feature beam-steering microphones, a 4K ultra-HD camera, and proprietary Bose sound for stunning performance. And both keep your meeting spaces clutter-free with an elegant low-profile form factor made possible by renowned Bose engineering.



### **PREMIUM SOUND TO MAXIMIZE ANY DESIGN.**

**DesignMax loudspeakers** bring outstanding audio and aesthetics to any commercial space. With 16 models to choose from, it's easy to create tailored solutions that deliver instantly impressive sound. With both black and white versions available, DesignMax loudspeakers integrate seamlessly with any décor.





## TEAMCONNECT CEILING MEDIUM

Be heard in the room,  
**everywhere.**

With a coverage of up to 40 m<sup>2</sup>, our ceiling microphone TeamConnect Ceiling Medium is the right choice for mid-sized meeting rooms and lecture or collaboration spaces.

[www.sennheiser.com/tccm](http://www.sennheiser.com/tccm)



# VIDA series

## The perfect solution for Educational Installations



Ecler's new VIDA Versatile Digital Installation Amplifiers represent the next generation of professional audio solutions.

Whether you're setting up a sound system in the conference room, the classrooms or the cantine.

VIDA Series will offer the quality, versatility and managing capabilities you need to get the job done.

Events automation

Smart VersaPower

Internal Audio Player

Advanced DSP processing

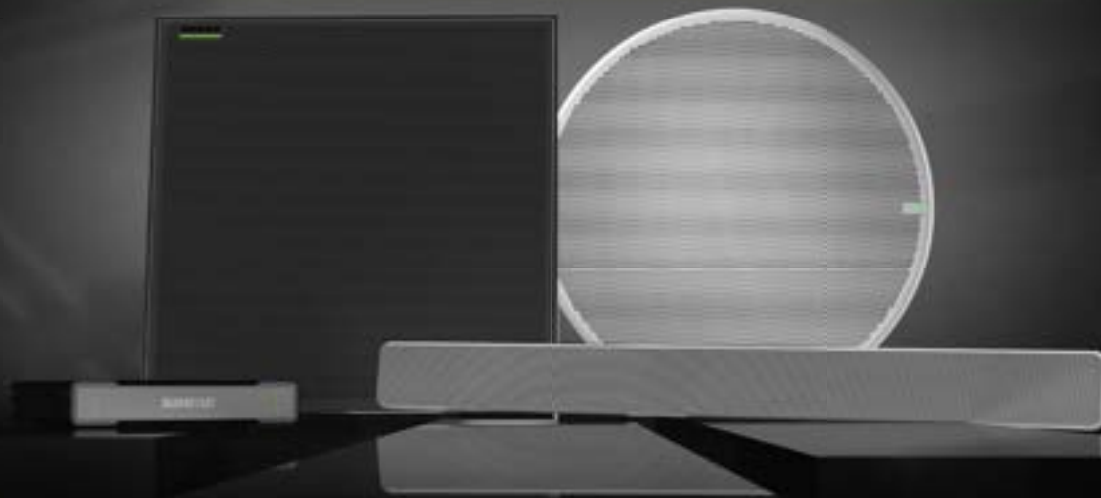
Ultra low energy consumption

Customizable User Control Panels



THE STARS OF THE MEETING ROOM

BACK IN STOCK  
AND SHIPPING



**MXA920 & MXA710** Array Microphones  
**IntelliMix® P300** Audio Conferencing Processor

**SHURE**

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[shure.com](https://shure.com)



# SEAMLESS INTEGRATION INTO ROOMS OF ANY SIZE

From small ...



and medium to large classrooms ...



... to large lecture theatres.

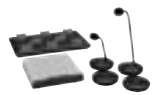


## ADECIA - THE RIGHT ANSWER FOR AUDIO IN EDUCATION

Yamaha's ADECIA solutions enhance remote education by solving challenges and offering a tailored experience. With a user-friendly web interface, automated tuning, and easy installation via a Dante backbone, achieving excellent audio for educational conferencing has never been simpler.



**RM-TT**  
Tabletop Array  
Microphone



**RM-W**  
Wireless  
Microphone System



**RM-CG**  
Ceiling Array  
Microphone



**RM-CR**  
Conference  
Processor



**SWR2311P-10G**  
L2 Network Switch  
with PoE



**VXL1-16P**  
Dante PoE  
powered speaker

## CLEAR VOICE - NO NOISE IN OPEN SPACES

For environments where an all-in-one solution is preferred, look no further than the new CS Series Video Collaboration Systems. With proprietary noise cancellation algorithms and easy integration for the end user, it's never been simpler to serve all of your requirements from under one roof.



**CS-800**  
Video Sound Bar



**CS-500**  
Video Collaboration System



## Meet your newest video endpoint.

The NV-21-HU is the next evolution for native video distribution on the Q-SYS Platform. A software configurable endpoint offering a comprehensive single-cable solution for video distribution.

Q-SYS  
**NV-21-HU**



introducing

Q-SYS™

**CORE** **8 FLEX**  
**NANO**

native audio, video & control processors



**Core Nano**

network only I/O for  
centralized processing



**Core 8 Flex**

onboard analog + network I/O for  
distributed processing

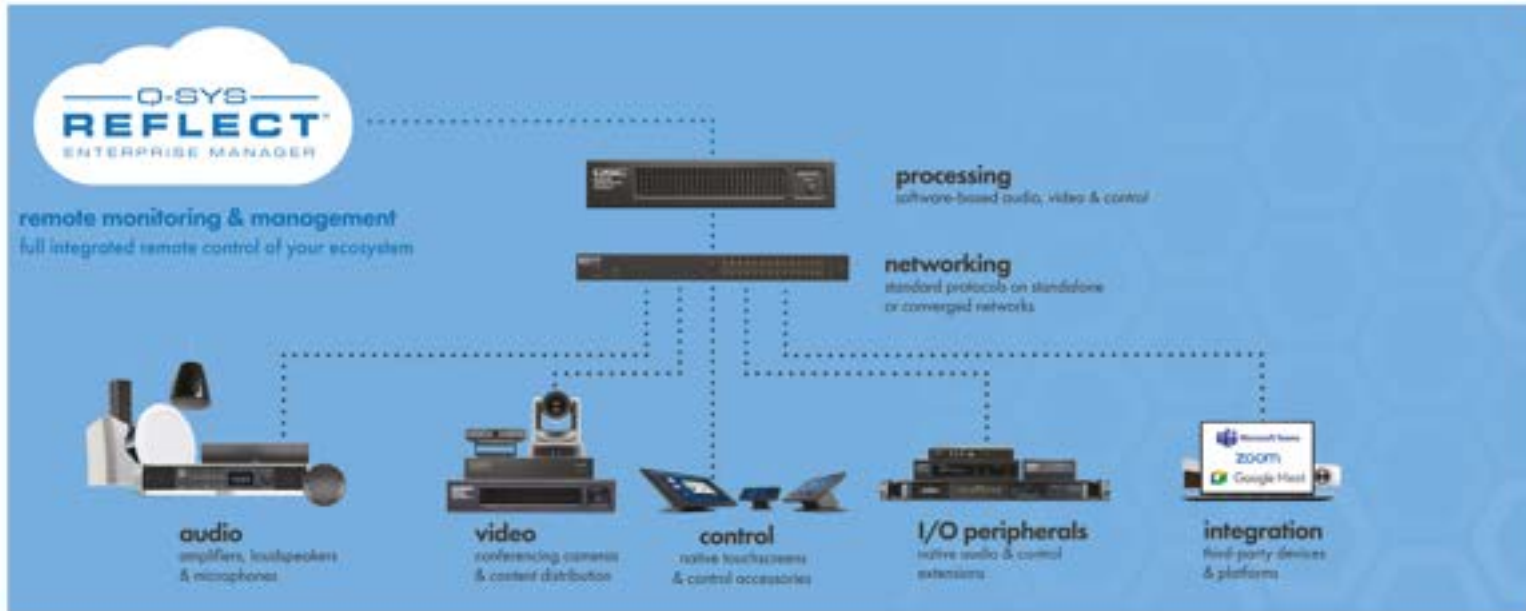
The Q-SYS Core 8 Flex and Nano AV&C processors extend the applications of the Q-SYS Ecosystem into a wider range of applications with lower network channel capacity and/or targeted processing requirements.





Q-SYS delivers an end-to-end audio, video and control solution for higher education applications, from remote learning technology and small classrooms to sprawling lecture halls and performance venues.

Q-SYS will also help your institution move away from single-purpose AV hardware in favor of centralized, scalable software-based AV solutions..





# TESIRA

## COMPACT AUDIO DSP

TesiraFORTÉ® X 1600 is a meeting room DSP featuring multiple network and analog audio connection points.

### Features:

- 6 Channels of Acoustic Echo Cancellation (AEC)
- Supports simultaneous operation of AVB, Dante, and AES67
- 2 mic/line level inputs, 2 mic/line level outputs
- Five 1 Gigabit Ethernet ports
- Up to 2x2 channels of configurable USB audio



# IMPERA

## USER-FRIENDLY ROOM CONTROL

The Impera Tango serves as a controller for Biamp keypad controls and touch panels, providing easy control of all room functions.

- Programmed via Project Designer software
- Controls up to 10 third party devices over Ethernet
- 3 bidirectional RS-232 ports or 6 IR ports
- 2 unidirectional RS-232 ports or 4 IR ports
- 4 built-in assignable relays
- 8 GPIO for control of relays, switches, and sensors
- PoE powered (IEEE 802.3at Class 3, 15W)
- Easily add more ports with the Connect-X MP6
- Covered by Biamp Systems' five-year warranty





Kramer Control

# Transforming the control experience

Agile, cloud-based, and on-premises  
control – that's simple for all

## Crestron Flex Video Conferencing

### Meet with success

Easy to use. Simple to deploy. A consistently high quality experience for every user in every type of space. Video conferencing, content sharing, scheduling, management, and support integrated into one platform with one goal: help your organization collaborate at its best.



## Wireless Presentation, Conferencing and Collaboration

### Designed for how we work today

AirMedia® technology makes it simple for anyone to connect instantly, present confidently, and bring meetings to life flawlessly from any device, offering a consistent user experience throughout your organization, for guests and employees. No cables. One interface in every room, on every device.



## Room Scheduling Solutions

### Maximize workflow and increase productivity

Our room scheduling does more than make it easy to book a space. It gathers intelligence, facilitates productivity, and opens possibilities so that your organization keeps moving. And it does it all easily and effectively, without you needing to couple your software and hardware.



## Crestron DigitalMedia™

### The send any content anywhere solution.

One platform answers every communication need. Presentation. Content sharing. Digital signage. Corporate messaging. Video walls. Active and remote learning. E-gaming. And more. All made possible by the widest range of connectivity options to distribute AV and control signals. From a small meeting room to an entire building, campus, or command center, DM® has you covered.

## Intelligent Video

### Give everyone an equal seat at the table - onsite or remote

Non-verbal communication is essential to keeping participants in hybrid meetings fully engaged. Our intelligent video solutions, featuring presenter tracking, group framing and dynamic composition, consistently deliver an excellent experience in every space, for every participant.



## Global Technology Operation Management

### Manage all your room systems easily - on one platform

From personal spaces to lecture halls, lobbies to lounges, esports to video walls, you can see and control all your digital workplace and content distribution technology everywhere. Crestron XiO Cloud® platform gives you everything you need to keep rooms working, meetings moving, and teams productive.

More info: [crestron.com](https://www.crestron.com)

**Come Together.**  
In a way that sets you apart.



# Solutions for HyFlex Learning

## Improve Outcomes for Hybrid, Remote, and In-Person Learning

Extron has flexible products that help educators deal with teaching challenges, both immediate and long term.

Now is the perfect time to fill gaps in your AV technology to help students achieve their full learning potential.

We're ready with the AV tools that will help you create consistent and enriched learning experiences.





## AV to Equip Spaces for Flexible Learning

### ■ Recording & Streaming

Connect students to live or on-demand lesson content anytime, anywhere, on any device.

### ■ AV to USB Bridges

Bring pro quality AV to remote students by integrating cameras, microphones, and voice reinforcement into Teams, Zoom, and more.

### ■ Collaboration Systems

Enable anyone in the room to wirelessly present content on the classroom display from BYOD devices.

### ■ AV Control and Automation

Streamline workflows, allowing teachers to walk into a room and get started in minutes.

# Extron

[extron.com/HyFlex](https://www.extron.com/HyFlex)



## AMF42AU

### Advanced Multi-Format Presentation Switcher

Our AMF42AU is an advanced 4K 4x2 HDMI 4K 60Hz 4:4:4 multi-format presentation switch featuring 3 x HDMI 2.0 and 1 x USB-C input to 2 x HDMI 2.0 and 1x HDBaseT™ output.

- Seamless source switching with manual or auto source selection
- MIC input supports line level or 48V Phantom power
- Advanced Colour Space Conversion (CSC) supports HDMI 2.0 18Gbps specification for HDBaseT
- Features MIC mixer over source audio with independent level adjustment (MIC ducking)



## Intuitive AV solutions that optimise the learning experience

Blustream have developed a range of multi-format presentation switchers that feature support of the latest 4K resolutions, seamless switching, USB-C video integration and microphone input with 48V Phantom power, line level volume control and audio mixing. These powerful one-box solutions provide the ultimate cost effective method for plug-and-play connectivity and AV control in larger education environments.

## Video over IP

Providing the very best video performance and system scalability to match, Blustream has the perfect VoIP solution for a host of education environments.

### IP50HD-TX/RX

#### Contractor HD Video TX/RX over 100Mbps Network

- Advanced HD video, control and KVM over 1Gbe
- Extends HDMI up to a distance of 100m
- Supports unicast transmission over unmanaged networks
- Supports multicast transmission for large managed networks



### IP200UHD-TX/RX | IP250UHD-TX/RX

#### 10Gbps UHD Video TX / RX over 1Gb Network featuring Dante®

- IP200UHD and IP250UHD products interoperable for ultimate flexibility
- Dual RJ45 network ports for independent or combined HDMI and Dante® signal distribution\*
- SFP port for long distance signal transmission (SFP ports only on IP250UHD)

\*Use IP250UHD where Dante® audio connectivity is required



IP250UHD-TX/RX

### IP300UHD-TX/RX | IP350UHD-TX/RX

#### 18Gbps UHD Video TX / RX over 1Gb Network featuring Dante®

- IP300UHD and IP350UHD products interoperable for ultimate flexibility
- Supports up to 4K UHD 60Hz 4:4:4
- Dual RJ45 network ports configurable for independent or combined HDMI and Dante signal distribution

\*Use IP350UHD where Dante® audio connectivity is required



IP350UHD-TX/RX

### IP500UHD-TZ

#### 18Gbps UHD Video Transceiver over 10Gb Managed Network

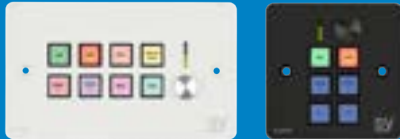
- Supports HDMI 2.0 18Gbps specification with pass-through for up to 4K 60Hz 4:4:4, and with 10/12-bit HDR sources
- Supports video scaling and single-frame switching
- Features Video Wall, Multi-View, and Picture in Picture options
- Support fixed signal routing function for IR, RS-232, CEC and USB
- PoE+ to power Blustream Multicast products from switch







# Specialising in Control & Connectivity for Education & Corporate



## KC & KCS Keypad Controllers

- RS232 Ports (KC 6x, KCS 4x, KCS2 2x)
- RS485 (KC only)
- 4x IR ports (KCS2 2x)
- LAN port (PoE) (optional – KC only)
- 4x Input/output ports (KCS2 2x)
- Integrated IR Learner
- Full colour RGB legend-able buttons
- White, Black, Aluminium finish choices
- NebulaStudio™ – Powerful, yet easy to use scripting software
- Intuitive operation



## Apollo 42

### 4x2 Seamless Matrix, Multi-Viewer

- 4x2 Seamless video Matrix
- HDMI 2.0b 4K60 4:4:4 (18G)
- Full up/down scaler – any resolution, any refresh rate
- Multi-View display – Dual, Triple, Quad, PiP
- HDCP 2.2 and HDCP 1.x compliant
- Extensive EDID and HDCP management
- De-embed Audio – Optical Toslink, and L+R Analogue
- VKA – Video Keep Active



## Wizard 4U

### Wireless Presentation Device with USB Mic/Cam over WiFi

- Pure wireless presentation/collaboration BYOD experience
- Present your video using, Airplay, Miracast, Chromecast, LAN
- 'Touch to Show' using the wireless Wand dongles
- Compatible with mainstream VC platforms – Teams, Zoom, Webex
- Supports Single, Dual, Triple, or Quad view
- Supports wireless Touch Back
- Can transmit back USB Camera/Audio
- Wireless content input up to 1080P



## KVM41-U3-18G

### Quad HDMI/USB 3.0 KVM Switcher

- 4x1 KVM Switcher with USB 3.0
- HDMI 2.0, 18Gbps – All resolution up to 4K@60Hz 4:4:4, HDR
- 2x HID USB, 2x USB 2.0, 2x USB 3.0 type-A peripherals
- Keyboard hotkey/Mouse hotkey
- L/R Analogue Audio de-embedding
- Supports HDCP 2.2 and HDCP 1.4
- Extensive EDID and HDCP management
- Control – RS232, Hotkey and Front Panel



**Taurus UCX** is a universal matrix switcher that leverages the ability to combine video, USB, audio, control and Ethernet signals into one **single USB-C cable**, which coupled with the unit's auto switching and advanced room control capabilities provides fast and intuitive set up with no downtime.



**Lightware** will soon launch **Taurus UCX TX/RX** which allows users to extend USB-C signals with a signal CAT connectivity between TX and RX devices up to 100m. This empowers system architects with bigger flexibility for designing collaborative spaces.



# visual engineering LIGHTWARE

VINX series devices were designed for **1G Ethernet** networks and can also operate in point-to-point configuration with diverse application possibilities.

We recommend VINX for applications where scalability, flexibility and rapid deployment are in focus. They are simple to install and to operate, and have numerous built-in services most other manufacturers only provide for an extra cost.



**HDMI-TPS-TX86** and **HDMI-TPS-RX86** twisted pair **HDBaseT™** extenders provide extension of **uncompressed Full-HD video** for long distances over a single CATx cable. The unit offers **bi-directional RS-232 and IR pass-through** on the same CATx cable that carries the video

# TPS

TWISTED PAIR SINGLE



The TPS extenders support **full HDCP and EDID compliance** and work at all standard AV resolutions up to 4K and 48-bit color depth handling all standard audio formats and also 120 Hz 3D signals.

**Remote powering** is available through a single CATx cable, but a local power supply can also be used.



Audio-Visual Signal Management

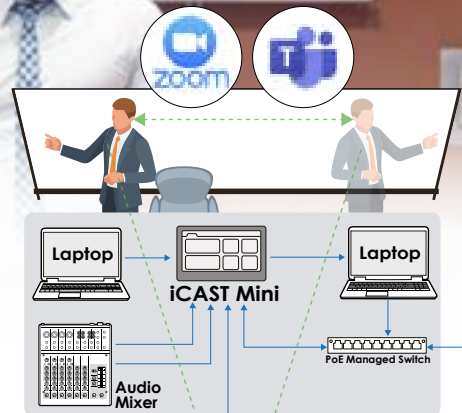
# Kramer Series 3 portfolio

Comprehensive portfolio of fully  
interoperable audio-visual signal  
management products

# NEW iCAST Mini

A presentation switcher designed for classrooms, conferencing, and corporate training with all the I/O needed to output stunning 4K video to a large display or projector and conferencing applications such as Zoom and MS Teams. An intuitive touch screen interface provides one touch control for source switching, picture-in-Picture, camera angles, and camera auto tracking.

## 4K Presentation Switcher

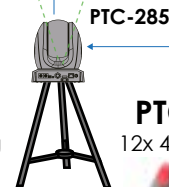


## Take Control of Your Online Presentations!

Use Datavideo's PTC-305 or PTC-285 (4K UHD) Smart Auto Tracking PTZ camera to enhance your online presentation. The PTC-305/285 advanced auto tracking function uses object tracking.



**PTC-305**  
20x 4K Tracking



**PTC-285**  
12x 4K Tracking



You can adjust camera settings for full, medium and close up shots so that the camera will automatically zoom to the subject.



### About Datavideo

Datavideo is known for affordable end-to-end workflow solutions for broadcast and A/V applications which include over 150 products such as cameras, switchers, encoders, recorders, intercoms, converters, and other key products needed for live video production.



**VISIONARY**  
NETWORK AUDIO VIDEO

## 5-Series Encoders & Decoders

4K60 4:4:4 Video for Unmatched Colour Depth and Detail



Visionary's 5-Series 4K60 4:4:4 capable 1GbE Encoders & Decoders set a new benchmark in AV-over-IP technology, combining cutting edge features with proven reliability and performance.

Elevate your installations with Visionary's 5-Series, the perfect solution for delivering stunning visuals, flexible audio routing and advanced network capabilities to meet the demands of today's professional Audio Visual environments.

- Single 1GbE LAN Port for PoE, 4K60 4:4:4 Video, Dante®/AES67 & Control
- Secure Network Isolation with VLAN Tagging separates AV Traffic on the Corporate Network
- Built-In Connection for Web Conferencing UC Soft Codec BYOD
- Enterprise Level Security with AES Encryption, 802.1X, HTTPS and SSH
- Isochronous USB2.0 over IP for WebCam Connectivity
- Mass Configuration for Easy System Deployment
- All Decoders Support Auto Video Scaling and Built-In Video Walling
- Audio Return Channel over IP
- Independent Signal Routing to Separate Matrix Video, Audio (Including Dante®/AES67), USB, IR & RS232
- Control from any 3rd Party Control System via the Open API

[visionary-av.com](http://visionary-av.com)

Distributed in the UK by:





### M4250 SERIES SWITCHES

An entirely new series of switches developed and engineered for the growing audio, video over IP (AV over IP) market. These AV Line switches combine years of networking expertise with best practices from leading experts in the professional AV market.



NETGEAR's Pro AV solutions are engineered specifically for AV over IP with out-of-the-box support for every networked AV solution. Our AV Focused Fully Managed switches come complete with a revolutionary AV GUI simplifying configuration, flexible mounting with ports in the rear or front along with PoE, multi-gig, SFP options and much more!

[www.netgear.co.uk/av](http://www.netgear.co.uk/av)

# NETGEAR® AV

## Built for Multicast Audio and Video over IP

### M4300 SWITCH SERIES

NETGEAR's M4300 Series of 1G and 10G fully managed switches are designed for any AV over IP installation. A broad range of sizes and capabilities including up to 96 ports in one switch are available to fit any application.



### M4350 SWITCH SERIES

The M4350 Series of 1 Gigabit to 100 Gigabit fully managed switches provides an edge to core stackable platform for any AV over IP installation. Redundant modular power supplies on select models contribute to business continuity management.



Certified by over 200+ manufacturers with built in configuration profiles for companies including:

**AVer** **biamp.** **BLUSTREAM**

**CRESTRON** **Dante** **SHURE**

and many more...

**GVV Bright Ideas**



**ANALOG WAY®**  
*Pioneer in Analog, Leader in Digital*

## Zenith 200

### Class-leading performance



Zenith 200 is a high-performance multi-screen and multi-layer 4K60 presentation switcher and videowall processor, with sixteen inputs, six outputs, and one dedicated Multiviewer.

#### FEATURES INCLUDE:

- Videowall management
- Multi-screen management
- Soft Edge blending
- Image processing
- IP Streaming of any input or output
- Remote control



#### MARKETS INCLUDE:

- Rental & Staging
- Corporate
- Entertainment venues
- Higher Education
- Houses of worship
- Broadcast
- Government
- Healthcare





# BY FAR. THE BEST.

## ACTIVE EXTENSION SYSTEM PRO

THE MODULAR SOLUTION FOR  
EXTENDING USB 2.0 & 3.0 SIGNALS

### Introducing the Lindy USB Active Extension System Pro.

The ultimate solution for extending USB signals. Available in USB 2.0 and USB 3.0 versions. With cutting-edge active extender technology, effortlessly distribute USB signals to single or multiple devices using Lindy USB Active Extension Pro cables and hubs. Unique modular design allows individual or combined use of cables and hub. With impressive distance capabilities of up to 60m (USB 2.0) or 40m (USB 3.0), the Lindy USB Active Extension System Pro breaks the barriers of traditional USB limitations.



12m USB 2.0 Active Extension Pro Hub



#### USB 3.0 Version

8m USB 3.0 Type A to A Cable	No. 43158
10m USB 3.0 Type A to A Cable	No. 43157
15m USB 3.0 Type A to A Cable	No. 43229
20m USB 3.0 Type A to A Cable	No. 43361
30m USB 3.0 Type A to A Cable	No. 43362
5m USB 3.2 Type C to A Cable	No. 43380
8m USB 3.2 Type C to A Cable	No. 43381
10m USB 3.0 Type A 4 Port Hub	No. 43159

#### USB 2.0 Version

8m USB 2.0 Type A to A Cable	No. 42780
12m USB 2.0 Type A to A Cable	No. 42782
30m USB 2.0 Type A to A Cable	No. 42923
8m USB 2.0 Type A 4 Port Hub	No. 42781
12m USB 2.0 Type A 4 Port Hub	No. 42783



8m USB 3.0 Active Extension Pro Cable



 epiphan video

# PEARL<sup>MINI</sup>

Simplify video for everyone on campus

The all-in-one media processor perfect for lecture capture, corporate studios & remote broadcasts.

**Capture** classroom, auditorium and studio cameras plus audio along with your presentation content.

**Create** custom layouts easily using the intuitive editor. Add branded backgrounds, picture-in-picture, text overlays and more.

**Record** to local media and publish to your network based storage.

**Stream** reliably and securely to your chosen platform via RTMP, RTSP or SRT.

**Control** and manage using the user-friendly touchscreen, web interface, or via the Pearl Mini's advanced integration with leading 3rd party CMS and control systems.





## X120

### THE WORLD'S FIRST WI-FI PRODUCTION PTZ

- Beautiful images even in low light thanks to its Sony Exmore R Sensor.
- Connect and integrate it however you like, the X120 can output over SDI, HDMI, IP, and USB – all at the same time.
- This is the world's first NDI HX3 capable Wi-Fi PTZ camera, control and streaming all done over the airwaves.
- One cable to rule them all, power, control, and transmission all over a single ethernet cable.

Blackmagicdesign



## ATEM MINI PRO

### EASY TO USE. FAST TO LEARN

- Connect any HD camera, computer for PowerPoint presentations, or even gaming consoles over HDMI.
- Built-in effects allowing for Picture-in-Picture layouts and Chromakeying for green screen work.
- Outputs to USB and works like a webcam feed to be used in the likes of Zoom, Teams, or Skype.
- Direct streaming without a computer to any RTMP platform like Facebook, YouTube, or Twitch.

[www.birddog.tv](http://www.birddog.tv) | [www.blackmagicdesign.com](http://www.blackmagicdesign.com)

Distributed by Holdan Ltd

## Learning reimaged with Airtame

### Wireless screen sharing and conferencing

- Flexible BYOD and BYOM platform - Teams, Zoom, Webex
- Wireless screen sharing from any platform
- Total control of content through flexible digital signage



<https://airtame.com/>



Hybrid teaching  
& conferencing



Screen Sharing



Digital Signage

# IMMERSIVE HYBRID AND REMOTE LEARNING ENVIRONMENTS



To experience **X2O OneRoom** or to find out more please speak to your GVAV representative.

## ENGAGING HYBRID LEARNING WITH X2O ONEROOM

X2O OneRoom technology is an immersive hybrid and remote platform that delivers an engaging, interactive learning experience. OneRoom facilitates a deeper level of engagement with students, and promotes learner equity creating the same learning environment for both in-room and remote learners.





# neat.board

65"

4K multi-touch LED

4x

Digital zoom

120° FOV

Wide angle camera



5 mic array

12 MP

Capture resolution



Opposing drivers

Neat Board is the complete meeting room package for Zoom or Microsoft Teams in a simple and elegant all-in-one device, ensuring you see and hear everything so vividly up close it's almost as though those on screen are right there in the room with you.

# neat.



**Try Neat risk-free for  
up to 30 days!**

## neat.bar pro

Neat Bar Pro packs a stack of tech into a simple and elegant device. Capable of driving three large screens, it allows you to enjoy an incredibly immersive higher-quality people and content experience throughout any Zoom or Microsoft Teams meeting space.

## neat.pad

Neat Pad is a simple and elegant touch screen you can use as a controller inside any Zoom or Microsoft Teams meeting room or scheduling display outside. With its sleek design, including ideal screen angle for smooth interaction and viewing, Neat Pad is purpose-built for meeting rooms.





## **Cynap Pro: Centrepiece of the Modern Classroom, Meeting Room & Courtroom**

Powerful rack-mountable Cynap model – Multi-functional wireless presentation, web conferencing, and collaboration system. Now with vSolution COMPOSER drag-and-drop dual screen content control, and Q-SYS Core room control integration option.

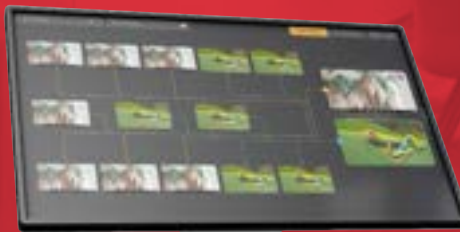
## **vSolution MATRIX: Active Learning Classroom Solutions**

Combine Cynap Pro and Cynap Core Pro units with vSolution MATRIX for the original AV over IP active learning collaboration solution.



## **Bring your own meeting web conferencing for CYNAP**

In addition to the existing multi-platform web conferencing function, Cynap Pure models and above now include BYOM web conferencing. Use any conferencing service you like and simply connect wirelessly to meeting room infrastructure using your Windows or macOS laptop.



# **WOLFVISION®**

## **Wireless presentation, web conferencing and collaboration**



## **WolfVision Visualizer Systems – Outstanding Live Imaging**

Standard issue in large numbers of universities worldwide, our popular range of Desktop and Ceiling Visualizer systems are robust and easy-to-use live imaging systems with superb picture quality.

# YOUR TECHNOLOGY PLAYGROUND



**Innovation House** is the UK's largest multi-brand experience centre, showcasing the latest AV solutions from **50 leading brands**, set out across 15 application zones.

Get hands-on with the technology and make side-by-side comparisons with expert advice from our Resident Specialists.

 **Bracknell, RG12**



Contact your **GVAV** Account Manager to find out more or to book a tour





# AV Hub - your new Scottish destination for **innovative experience.**

Revolutionise what's possible. Explore technology. Innovate and connect.

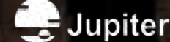
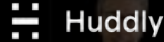
**Contact your GVAV Account Manager for more information.**

 **Edinburgh, EH12**

## Seamless Meeting Experience

A seamless meeting room experience is key and a bad experience can significantly impact the productivity and effectiveness of meetings.

Our meeting room solutions are designed to be user-friendly, intuitive, and easy to navigate, so user can focus on what's important. From the moment users enter the room, they'll be able to start their session with just a few clicks and in the in-room technology will take care of the rest, automatically adjusting the lighting, sound, and video to give you the best possible experience.



### Easy to Manage

- ✓ **Automatic Updates** – Our technology receives automatic updates, ensuring that they are always up to date with the latest features and security patches without the need to purchase new hardware. This reduces the workload on IT staff and guarantees that our technology is secure and reliable.
- ✓ **Remote Management**- All our technology can be managed remotely which makes it easier for IT manager to troubleshoot issues or update product settings without having to physically have access to the technology.
- ✓ **User-friendly Interface**- Users can easily get started without the need for extensive training as users are able to quickly adopt to the way the technology works, meaning less hassle for IT managers!

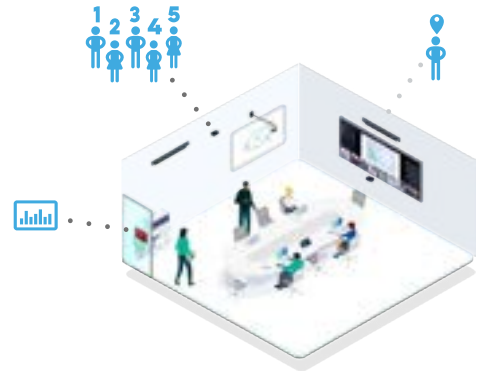


## Data Tracking

Implementing technology that offers data tracking and analytics provides valuable insights in how users are interacting with the technology, which can be used to improve the user experience, optimise performance, and allocate resources more effectively.

### Which meeting rooms are most popular?

- People Counting - How many people are in your meeting rooms?
- Room Popularity - What types of rooms are being used most frequently?
- Room Usage - How are your rooms being used?
- Sound Location Data - Where are people standing/ sitting in the room?
- Trouble Shooting - How is your technology performing?



GoBright provides not just the tools for staff to book available rooms and desks easily, but also empowers management with access to real-time occupancy data, allowing swift planning and adjustment of workplace policies.



Powered by Microphone Mist™ Technology, Nureva's HDL audio conferencing solutions have the power to simultaneously process every audio source in a room and deliver a more natural sense of communication.



Huddly combines hardware, software and AI to create intelligent cameras that are flexible, easy-to-use and software upgradable - for everyone who uses video to collaborate.



As the manufacturer of Microsoft's chosen 21:9 display, Jupiter displays enable the most engaging and intuitive MS Teams rooms yet, using Microsoft's new 'Signature' room layout to ensure that remote participants feel more included than ever before.

## Conference, Collaborate, Click!

### Discover the new ClickShare Conference

Let the new ClickShare Conference transform your remote meetings. Gone are the frictions when you host a conference from your laptop, or the struggle trying to use cameras and other meeting room equipment. Simply launch the ClickShare Collaboration App or plug in the ClickShare Wireless Conferencing Button.

In less than 7 seconds you're ready to go.



# ClickShare

wireless presentation  
& conferencing

## Create a space where minds meet. In one click

Simple, easy, wireless. That's how ClickShare shares your content from any device on the meeting room display for better collaboration in any type of meeting room.

With ClickShare Conference you can run better hybrid meetings from your laptop. Thanks to smart, intuitive meeting flows, it takes you only one click to wirelessly start a video meeting with your preferred UC&C platform. Connect automatically to room cameras, speakerphones, sound bars for better video conferencing in the hybrid workplace.

Designed for enterprise rollouts, ClickShare offers enhanced security features, network integration options and cloud management.

All ClickShare processes are ISO-27001 certified.



	C-5	C-10	CX-20	CX-30	CX-50	CX-50 Gen2
<b>Technical specifications</b>						
ClickShare Buttons	sold separately		1	1	2	2
ClickShare App	Desktop & Mobile	Desktop & Mobile	Desktop & Mobile	Desktop & Mobile	Desktop & Mobile	Desktop & Mobile
<b>Smart meeting flows</b>						
• Walk in, connect automatically to the room with PresentSense	Yes	Yes	Yes	Yes	Yes	Yes
• ClickShare guides you as host or participant with HostFlow	-	-	Yes	Yes	Yes	Yes
• Start the meeting from your calendar with One-Click-Join	-	-	Yes	Yes	Yes	Yes
• Both content & people on screen with ConferenceView	-	-	Yes	Yes	Yes	Yes
<b>Touchscreen support &amp; interactivity</b> Touch-enabled features, annotation & blackboarding	-	Yes	-	Yes	Yes	Yes
<b>Dual screen support</b>	-	-	-	-	-	Yes
<b>Sources simultaneously on screen</b>	1	2	1	2	2	2
<b>Full BYOD</b> Supports Airplay, Google Cast, Miracast, iOS/Android apps	Yes	Yes	Yes	Yes	Yes	Yes
<b>One-click wireless presentation</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>One-click wireless conferencing</b>	-	-	Yes	Yes	Yes	Yes
<b>Supports UC&amp;C platform</b> Compatible with Microsoft Teams, Zoom, Cisco WebEx, Google Hangouts, and many more	-	-	Yes	Yes	Yes	Yes
<b>Supports your room setup</b> Supports USB speakerphones, cameras and all-in-one solutions	-	-	Yes	Yes	Yes	Yes
<b>Central management &amp; reporting</b> Available via XMS	Yes	Yes	Yes	Yes	Yes	Yes
<b>Free software updates</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>SmartCare</b> 5 years service coverage, insights and enhanced support	Yes	Yes	Yes	Yes	Yes	Yes
<b>Output resolution</b>	4K UHD	4K UHD	4K UHD	4K UHD	4K UHD	2 x 4k UHD
<b>I/O</b>	2 USB, LAN	2 USB, LAN	2 USB, LAN	2 USB, LAN	4 USB, LAN, SPDIF, jack	4x USB, LAN, HDMI/USB-C, jack
<b>Workplace integrations</b> (Digital signage, room availability)	Yes	Yes	Yes	Yes	Yes	Yes
<b>Advanced network &amp; AV integration</b>	-	-	-	-	Yes	Yes
<b>Flexible room setup</b>	-	-	-	-	-	Yes
<b>Wired roomdock</b>	-	-	-	-	-	Yes



## **GEN3 CORE - *New share-only solution***

- App-free sharing
- Supports 5 networks ins VLAN's  
DUAL HDMI Output
- Integrate with Teams and Zoom  
Rooms

## **New subscription-free education SKU**

- Lifetime support and updates
- Unlimited users
- Cloud management included
- 3-year warranty
- 5-year warranty available with  
Mi Support

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



# Digital wayfinding solutions

Our wayfinder solution helps visitors and staff navigate across your workplaces



Touch screen & mobile interactive mapping



Book available meeting rooms & hot desks



Stylised mapping & UI to adhere to your brand



Show AtoB smart routing to a user's destination



Live resource availability & who's working where



Cloud CMS to manage maps, resources & spaces

For more information, please contact GVAV

# YEALINK PRO AV INTEGRATION SOLUTION



Superpremium Meeting Experience with More Choices



UVC86

UVC84

## FULLY CAPTURED, ENJOY PEERLESS VIDEO EXPERIENCE

Yealink UVC84/86 camera achieves an advanced video experience perfectly for medium and large rooms with a range of AI-driven features, including Auto Framing, Presenter Tracking, Speaker Tracking. The Multi-camera System supports up to 9 UVC84/86 simultaneously.



## FULLY HEARD, ENJOY FLEXIBLE AND EXTRAORDINARY AUDIO ALL AROUND

Deeply integrated with industry leading brands, the audio is always seamlessly captured and delivered with the highest fidelity.

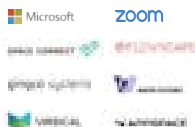


Yealink meeting control devices are compatible with the control system of Extron, AMX and Kramer.



## FULLY CONTROLLED, HAVE ALL ROOM CONTROLS IN ONE PANEL

A simple tap on the Yealink Touch Panel can control call volume, display input channel, shades, lighting, and more.



## FULLY PLANNED, UTILIZE AND MANAGE YOUR MEETING SPACES WITH EASE AND EFFICIENCY

Easily pick up and reserve the room best for you to have a discussion or online-meeting by integrating with various platforms and systems.



Scan and Book a Visit to Yealink Customer Experience Center



# Premium conferencing experience with Biamp Parlé



## Hear and be heard

Smart stereo speakers dynamically adjust performance



## Capture every voice

Beamtracking microphones actively track every voice



## Bring people closer

4K camera provides superior picture quality and auto frames participants



## Configure automatically

Biamp Launch automatically optimises room audio at the touch of a button



## Unify your communications

Fully compatible with the most popular UC platforms and hardware

## Jabra PanaCast video conferencing

Educational excellence. Everywhere.

From virtual or physical classrooms, to creating online resources for students to learn whenever and wherever suits them best, teachers and students alike need the right tools to ensure the learning experience is as rich as all being in the same room.

That's why Jabra have introduced flexible features, including live whiteboard streaming and on the go audio and video solutions.



### PanaCast 50

Engineered to be the first new-normal-ready intelligent video bar.

- Professional-grade audio
- 180° Panoramic-4K video
- Virtual director for immersive lessons
- Real-time whiteboard content camera stream
- Safety capacity and room usage insights
- Optimised for all leading UC platforms

### PanaCast 20

Engineered for intelligent AI-enabled personal video.

- Premium AI-powered 4k Ultra-HD video quality
- AI-driven intelligent zoom
- Intelligent lighting optimisation
- Picture-in-picture
- Plug and play. Carry case included.
- Works seamlessly with leading UC platforms

## Jabra for Education.

Learning anytime. Anywhere.



### JABRA EVOLVE

Learning. Evolved.

#### Evolve 30

Engineered for flexible connectivity. Professional headset with great sound for calls and music.

- Noise cancelling microphone
- USB and 3.5mm jack connection
- In-line call controller with LED indicators
- Plug and play connectivity

#### Evolve2 65 Flex

Flex the most portable professional headset with best-in-class ANC performance.\*

- Unique fold-and-go design for portable professionalism
- Best-in-class Hybrid Active Noise Cancellation\* (ANC)
- Out-of-this-world comfort with Jabra AirComfort™ technology
- Voice-isolating Jabra ClearVoice microphone technology
- Certified for leading virtual meeting platforms

### JABRA SPEAK SERIES

Free to move. Free to teach.

#### Speak2 55

Next-generation flexible speakerphone with outstanding professional audio.

- Full Duplex audio for natural conversations
- 4 beamforming noise-cancelling microphones
- Voice Level Normalisation equalises all voices
- Full-range 50mm speaker & wideband audio
- Certified for leading virtual meeting platforms
- IP64-rated protection from dust and water

#### Speak2 75

The best professional speakerphone for hybrid working\*

- Super-wideband audio\*\* & 65mm speaker
- Advanced Full Duplex audio
- 4 beamforming noise-cancelling microphones
- Microphone Quality Indicator\*\*\*
- Voice Level Normalisation equalises all voices
- Certified for leading virtual meeting platforms
- IP64-rated protection from dust & water
- Up to 32 hours battery life

\*See [jabra.com/commercial-claims](https://jabra.com/commercial-claims) \*\*Super-wideband audio experience requires UC client support, and device support \*\*\*Initial activation is required via the Jabra Sound+ or Jabra Direct apps

## Give your students a clearer picture

- ✓ Auto-Tracking PTZ Cameras
- ✓ Voice-Tracking Camera Technology
- ✓ Auto-Tuning Document Cameras
- ✓ Automated Lecture Capture and Streaming
- ✓ Panopto-certified Media Processors



## Remote cameras, Beamforming Mics and Edge Analytics

Creative solutions to engage and inspire every audience.



From classrooms and meeting spaces to houses of worship, lecture halls and medical environments, Sony's innovative range of total solutions transform learning and collaboration both online and in person.

### Remote Cameras - SRG

Built for almost any space, the SRG range matches high-quality images with ease of use and simple installation.

PTZ cameras can cover everything from crowded operating theatres to huge auditoriums, making them the perfect solution for business, education, and medical settings.

Our newest SRG-A40 / A12 AI powered auto framing cameras, automatically track the target with a smooth Pan-Tilt-Zoom movement, ideal for a variety of applications, including Corporate and Education.



### Beamforming Microphone - MAS-A100



The Sony beamforming\* ceiling microphone with advanced speech reinforcement technology enables truly hands-free and contactless lectures and presentations. The Beamforming Microphone is simply affixed to the ceiling, then ready to use – leaving the speaker location-free, hassle-free, and hands-free to focus on presenting.

Model	Resolution	Field of view	Optical zoom	Interface
SRG-X120	1080p	70°	12X	3G-SDI/HDMI/ IP/NDI (Option)
SRG-X400	1080p	70°	40X	3G-SDI/HDMI/ IP/NDI (Option)
SRG-XP1	4K	100°	NA	HDMI 2.0 / Ethernet, USB 3.0
SRG-XB25	4K	68°	25X40X	HDMI 2.0 / Ethernet
SRG-X40UH	4K	70°	40X	HDMI & USB3.0
SRG-A40	4K	70°	30X	3G-SDI/HDMI/IP
SRG-A12	4K	70°	12X	3G-SDI/HDMI/IP

### Edge Analytics Appliance - REA-C1000



AI-powered Edge Analytics Appliance simplifies creation of polished, professional online presentations and video content in both live and recorded environments.

\*1: Beamforming is a signal processing technique used for directional signal transmission or reception.

# Panasonic CONNECT

## AW-UE160 4K PTZ Camera

The **AW-UE160** can be used in a variety of situations even when the flow of people and cost control are required, including shooting large-scale events and studio recording and streaming.

- Uncompromising shooting performance and operability
- Optical low-pass filter significantly reduces moiré
- Newly developed 4K Sensor offering superior sensitivity
- Significantly improved Autofocus with advanced technology
- SMPTE 2110 Support with purchase of additional software key
- Realize next-generation video production with various shooting methods and functions



## Free AI-Based Built-In Auto Tracking

- ✓ Automatically maintain framing
- ✓ Hands-free shooting
- ✓ Practical & automatised
- ✓ Stable shooting - even in side shots

*Included in AW-UE40/50/80 free firmware upgrade from Q3 2023*



### AW-UE40



24x 74.1°

NDI® | HX Upgradable

1/2.5" MOS PoE+

HDMI USB

Auto-tracking built-in

### AW-UE50



24x 74.1°

NDI® | HX Upgradable

1/2.5" MOS PoE+

HDMI USB

Auto-tracking built-in

### AW-UE80



24x 74.1°

NDI® | HX Upgradable

1/2.5" MOS PoE++

HDMI SRT Alliance

Auto-tracking built-in

# Brighter Learning with Absen LED Solutions

**Absen**



Lecture Theatres  
Presentation Spaces  
Campus Displays



## A27 Plus – Indoor LED

Absen's flagship product for fixed installation, A27 Plus offers outstanding image quality and a seamless display with less than 10cm install depth when wall mounted. Each panel is 27.5" in size providing familiarity to video wall users.

- Pixel pitch: 1.2mm | 1.5mm | 1.9mm | 2.5mm
- Black SMD Technology
- 610 x 342 x 61 mm
- 16:9 aspect ratio
- Up to 1000 nit brightness
- Front install and service



## A-Series – Outdoor LED

Absen's most powerful outdoor LED display delivering up to 10,000 ultra high brightness with 40% reduced power. Available in five pixel pitch options, A-Series is suited for medium and long viewing distances such as outdoor advertising and campus displays.

- Pixel pitch: 4mm | 6mm | 8mm | 10mm | 16mm
- 10,000 nits ultra high brightness
- Low energy consumption
- 5-year product warranty
- Fully waterproof
- Front & rear maintenance



# 54" LED SPLICING SCREEN

## Brighten every moment

Low power

High brightness

Seamless large displays

Colour depth & accuracy

High contrast ratio

100,000 hour life span

Low total cost of ownership



2x2 config 108" 1080p full HD



Scan for video

# HIKVISION<sup>®</sup>



# LED POSTER DISPLAY

## Flexible deployment

Support max. 10 pieces of self-splicing with only HDMI

## All-in-one design

- Built-in LED controller
- Information-releasing system

## Mounting options

Supports mounting with tilt bracket, mobile alloy base, wall, pendant and creative bracket



Model	DS-D4212MI-070H(B)	DS-D4215MI-070H(B)	DS-D4218MI-070H(B)
Pixel pitch (mm)	1.25	1.5625	1.875

# HIKVISION<sup>®</sup>



# LED CABINET

600mm x 337.5mm

5 x 5 136"






6 x 6 163"

8 x 8 217"

- Create popular LED wall sizes in full 1080p HD
- Bezel-free splicing for seamless display
- Input HDMI, DVI and DP signals

# All-in-One LED Display with webOS

## LG LED All-in-One LAEC Series

-  All-in-One LED Screen
-  Dedicated Accessories
-  Compatible with **LG One:Quick** | Share
-  Built-in Speaker
-  Easy Installation  
Quick Maintenance



Cabinet	LAEC015	LAEC018
Inch	136"	163"
Pixel Pitch	1.56 mm	1.88 mm
Brightness	500 nit (Max., after calibration)	500 nit (Max., after calibration)
Screen Resolution	1,920 × 1,080	1,920 × 1,080
Serviceability	Front	Front
Speaker	Built-in	Built-in
Controller	Embedded	Embedded



## E Series Direct View LED

**Large Image Presentation,  
Small Budget Preservation**

Bringing all the advantages of fine-pitch LED to more cost-conscious applications in corporate meeting rooms and digital signage, the E series lacks nothing in high impact content delivery. The pre-bundled solution includes everything you need to implement large surface visualisation without hindrance from bezels, with superb brightness and high contrast which gets noticed even in areas of high ambient light.

<b>108"</b> 1.2mm FullHD Kit	<b>135"</b> 1.5mm FullHD Kit	<b>162"</b> 1.8mm FullHD Kit	<b>217"</b> 1.2mm UHD Kit
------------------------------------	------------------------------------	------------------------------------	---------------------------------

**Custom Design**  
1.2-1.8mm pixel pitch

**SHARP / NEC**



Foldable screen with the moveable flight case for easy delivery



Built-in motorised height adjustable stand with 360° silent wheels



SOUND BY  
**harman/kardon®**

**ViewSonic®**

135" All-in-One Direct View LED Display Solution Kit

For more information, please visit [www.viewsonic.com/uk](http://www.viewsonic.com/uk) or speak to your GVAV account manager.

# ViewBoard Interactive Displays



## ViewBoard IFP33 Series

- 4K UHD Resolution
- Ultra Fine IR Touch Technology
- Front-facing Dual 18W Speakers
- USB-C with 65W Fast Charge
- Quad Core CPU
- Low Blue Light Certified
- Available in 65", 75" and 86"



## ViewBoard IFP50-5 Series

- 4K UHD Resolution
- Ultra Fine IR Touch Technology
- Dual 15W Speakers and 16W Subwoofer
- USB-C with 65W Fast Charge
- HDMI Out
- Quad Core CPU
- Low Blue Light Certified
- Available in 55", 65", 75" and 86"



## ViewBoard IFP52-2 Series

- 4K UHD Resolution
- Ultra Fine IR Touch Technology
- Front-facing Dual 20W Speakers
- Front-facing 20W Subwoofer
- Built-in 8-array Microphone
- USB-C with 65W Fast Charge
- HDMI Out Supporting 4K UHD
- Quad Core CPU
- Low Blue Light Certified
- Available in 65", 75" and 86"



## ViewBoard IFP62 Series

- 4K UHD Resolution
- PCAP Touch Technology
- Optical Bonding Technology
- Front-facing Dual 12W Speakers
- Front-facing 15W Subwoofer
- Built-in 6-array Microphone
- USB-C with 65W Fast Charge
- HDMI Out Supporting 4K UHD
- Dual Core CPU
- Low Blue Light Certified
- Available in 65", 75" and 86"

## myViewBoard® Manager Advanced

### Cloud based platform to manage all your ViewSonic devices remotely and efficiently

With myViewBoard Manager, IT administrators can securely message, monitor and manage hundreds of enrolled devices 24/7 no matter where they are. Alongside being GDPR compliant, Manager's development team continuously innovates and update our software to keep your school's data safe. As a single-vendor solution, Manager streamlines support and maintenance in the event of the unexpected.

*\*With a Manager Advanced license, additional tools can be accessed allowing for more robust control of an organisation's devices. Additional features such as broadcast playlists, broadcast messages and multimedia, profiles, task scheduling, user permission management, and remote desktop are offered when a device is designated with a Manager Advanced license.*



Web-Based  
Access



Data Secured  
& Protected



Broadcast  
Multimedia



Centralised  
Device Control



Device Metrics  
and Insights



Task  
Scheduling



Remote  
Desktop



System Backup  
& Restore



User Permission  
Management

For more information, please visit [www.viewsonic.com/uk](http://www.viewsonic.com/uk) or speak to your GVAV account manager.

**ViewSonic®** | Education



## Connection through Collaboration

Whether you are looking to improve communication, a better way to host training sessions, or create immersive and engaging lessons, Avocor collaboration display solutions are simply the best way to stay connected.

### Engage and **ACTIVELY** interact from any space!

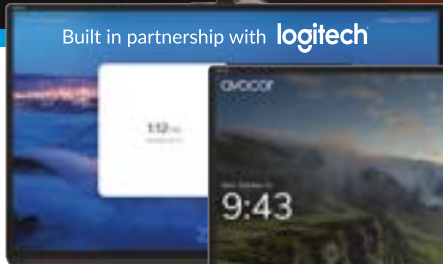
- Make it your own with desktop and small space collaboration
- Collaborate in a shared space
- Expand your virtual and in-person collaboration environments
- Display sizes ranging from 27" to 105" for every type of learning requirement
- Works seamlessly with leading collaboration platforms, including Microsoft Teams, Zoom Rooms, and Google Meet
- Very latest touch technology provides a smooth and extremely accurate, low-latency writing experience

Avocor's seamless and accessible solutions make these an easy to implement ecosystem to empower your teams.

### Interactivity changes the way we connect!

- Higher engagement
- Greater retention of information
- Creates a sense of inclusion
- Improves productivity
- Flexibility for all to participate from anywhere

avocor



Built in partnership with **logitech**

*G Series 65"-85"  
with CollabTouch™*



*E Series 55"-86"*



*W Series 55"*

*L Series 105"  
Beautiful industrial design for  
enhanced Microsoft Teams  
Rooms utilising Front Row*



**TE14 SERIES**  
**IMMERSIVE COLLABORATION**  
**FOR EDUCATION AND ENTERPRISE**

Today's students are tomorrow's professionals - helping to shape industry, science and progress. Our teachers and leaders demand performance, reliability and flexibility.

The **TE14 SERIES** from iiyama empowers all education, training and presentation environments to seamlessly deliver engaging content, collaborative tools and thanks to our hybrid solution deck of Android 13 and OPS Slot PC features, you can be sure that no matter what your Interactive aspiration, iiyama has the simplified solution just for you.

The new Multi-Screen Display feature allows you to link multiple screens and run as many different applications as you need for dual and triple display integration in large spaces like lecture amphitheatres and large meeting/boardrooms.

The high quality built-in 8 Array Microphone and Dual Directional Speakers support conferencing configurations and our 500Hz Frame Rate Touch sensor delivers the smoothest and fastest Touch response ever seen with added Touch features like Dual Palm Rejection and Anti-Bacterial Pens for safety in multiple user environments.

With sizes from **65"**, **75"** and **86"** everyone will benefit from the flexibility and clarity that the **TE14 SERIES** delivers.

ProLite **TE6514MIS-B1AG**

ProLite **TE7514MIS-B1AG**

ProLite **TE8614MIS-B1AG**

Discover the full range of  
the iiyama **TE14 SERIES**





**UNIFIED COMMUNICATIONS**  
**EASY DISTANCE LEARNING**

We launched a **NEW** range to bridge the divide between the physical classroom and hybrid home study whilst helping organizations ensure educational continuity.

Combining vision with sound, the new range of **Unified Communication** products include a variety of five webcams and two speakers, suitable for different environment types.

Guaranteeing an “in-person” meeting experience, and combined with the iiyama Screens, these UC Solutions will provide a complete solution package and improve collaboration in the digitised world.



**UC-CAM10PRO-MA1**  
 4K Webcam with 8 microphone array and 120° field of view. Intelligent face detection, 5x digital zoom, auto-framing and speaker tracking.



**UC-CAM10PRO-1**  
 4K Webcam with built-in mic



**UC CAM120ULB**  
 All-in-one Conference bar



**UC CAM180UM**  
 4K Panoramic camera



**UC CAM120UL**  
 4K Conferentie-webcam



**UC CAM80UM**  
 4K Huddle/Conferentie-webcam



**UC SPK01L**  
 Bluetooth Speakerphone (5m audio pickup)



**UC SPK01M**  
 Bluetooth Speakerphone (3m audio pickup)



Discover the full range of the iiyama UC solutions

# DTEN

# D7X

## All-in-One Video Collaboration

zoom  BYOD

The DTEN D7X is an elegant and powerful solution combining all components of video collaboration into a single sleek and lightweight device.

Achieve an intuitive, collaborative and seamless hybrid learning and meeting experience with:

- Intelligent 4K camera
- 15-microphone array
- Powerful stereo speakers
- Hyper-responsive touchscreen for whiteboarding and annotation
- Microsoft Teams Rooms and Zoom Rooms software built-in

## Easy to Use, Empowering & Inclusive



# MEET EVERYWHERE WITH ONE BOARD

Upgraded Meeting Experiences In All Scenarios



## Small Room

Brainstorm with a shared whiteboard.  
MeetingBoard65 | CTP18 | WPP30



## Medium Room

Fantastic meetings with superb audio and video.  
MeetingBoard65 | 6x PTZ cam | CTP18 | WPP30



## Small Room

Pro meetings, plug-and-play.  
MeetingBoard86 | ETV86i2x PTZ cam | VCM36x2 | CTP18 | WPP30x2



## Training Room

Brainstorm with a shared whiteboard.  
MeetingBoard86 | ETV86 | 12x PTZ cam | WPP30



## Co-create space

Keep ideas flowing with the MeetingBoard.  
MeetingBoard65 | Floor Stand | WPP30



## Manager Office

Come to share your great ideas.  
MeetingBoard65 | Floor Stand | WPP30

## MEETINGBOARD FULL DEVICE ECO SYSTEM

Extension screen



Extension mic



Touch console



Windows OPS



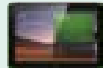
Optical PTZ cam



Presentation pod



RoomPanel



Floor stand



# Yealink

## MeetingBoard 65/86

Solutions for all spaces  
Movable floor stand or wall-mount  
65'/86', light/dark color



red dot winner 2022



# Meet the All-New ActivPanel

Promethean's next-generation interactive panel delivers our most robust, seamless, and secure user experience yet.

With its secure roaming profiles, streamlined connection to your content, flexible lesson delivery systems, and myriad ways to personalise the user experience, ActivPanel 9 offers you everything you need to revolutionise how you teach and transform how students learn.



## Connectivity

*The only interactive panel with ActivSync technology*



## Security

*Enhanced security protects your personal data*



## Simplicity

*Easy to use, so you can focus on teaching*



## Adaptability

*Ideal for all learning environments*



## Longevity

*Built to last and powered with robust capabilities*

## Get to know Promethean

**25+**

Years of experience

**500+**

Employees in 22 countries

**1.7m**

Classrooms with Promethean interactive displays

**120+**

Countries using Promethean solutions in the last two years

**7,639** **Seattle**

Selling partners

Global headquarters

CTOUCH®

# NO MORE NOSE PICKING

Share, inspire, have fun!  
With CTOUCH by your side.



**NEO**



**RIVA 2**

Getting your students engaged isn't always easy. And that's where our touchscreens come into their own.



**World's most sustainable  
touchscreens!**

# SAMSUNG Flip Pro

## Unlimited learning possibilities

### Convenience

- Easy access to remote PC, network drive and other 3rd party apps
- Video conferencing supported
- Built-in learning platform MimioConnect\*\*
- MagicINFO Remote Management Solution pushes school's alerts and warnings to the display\*\*\*

\* Video call application will be available through a firmware update available Q2 2022. Webcam must be purchased separately. Supported webcam(9models): Logitech C930e, C922, C922x, C925E, C920s, C920, C920-CC930C, Logitech Stream Cam.

\*\*Requires Boxlight subscription

\*\*\*Requires MagicINFO licence

### Intuitive touch

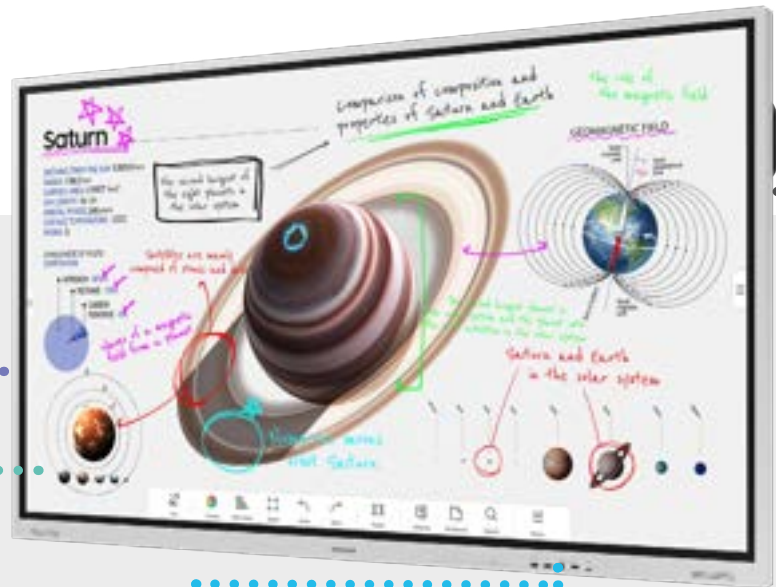
- 26ms latency
- 2040 points of thickness
- Realistic writing experience
- Multi-touch for up to 20 people
- Intuitive user interface
- Unique pen and brush mode
- Flexible erasing requires just a swipe

### Connectivity

- HDMI, USB, USB-C, DP, OPS mount, LAN port, wireless mirroring
- Wirelessly connect up to 50 devices simultaneously
- AirPlay 2 integrated
- Supports 3rd learning apps

### Hardware

- Easy to move with rear handles
- 4-channel 40-watt speakers
- Ambient light sensor
- Antimicrobial coating
- Wrapped in shatterproof film



# SAMSUNG



## Unlimited learning possibilities

The WAC Series is an interactive display that provides an engaging educational experience for the classroom of the future.

This Android-based product offers a familiar and intuitive user experience for teachers and students.

Teachers can boost learning thanks to the display's excellent compatibility and intelligent apps that can be added to the home screen bar for convenience.

# WAC Series Interactive Displays

## Key features



### Android OS

WAC series is an Android OS-based product with intuitive and convenient usability. It has excellent compatibility with Android-based devices, enabling more lively interactive classes with students.



### Easy Multitasking

A variety of screen mode options, including split screen mode and multi window mode, make it easy to display and read multiple windows at the same time on the WAC series.



### Powerful Screen Sharing

Users can share up to nine screens at once in real time for maximum productivity. With this feature, content can be shared both ways between the large display and individual devices to engage every student.

\*\* Screen sharing is available on devices with the following conditions: Windows 10 and higher / Mac OS X 10.11 and higher / Chrome 38 and higher / Android 5.1 and higher / iOS 10.0 and higher



### Intelligent App for Class

Apps and tools can be added to the home screen bar for easy access. Intelligent apps, such as timers and stopwatches, help teachers get creative with their lessons to enrich the learning environment.



### Multi-point Touch Drawing

Multiple users can write and draw on the whiteboard at the same time. WAC series enables multi-touch for up to 20 people for enhanced interactivity and productivity.



### Dual Pen

Thanks to the double-sided nib applied, users can effortlessly switch between the front pen and back highlighter without needing to change the settings or interrupt their flow.

# SAMSUNG

## The Wall All-in-One



### An abyss of depth

Purer black levels with enhanced depth for a seamless canvas



### Superior colour purity

Colours leap to life with spectacular vibrancy and precision accuracy



### Installation reinvented

Easy installation takes only two hours for two people



### No extra peripherals needed

Everything you need to begin - no additional purchases required



### Available stock

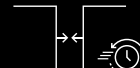
Order now



Ultimate picture quality



Simple choice



Quick installation





# SAMSUNG

## Reimagining a better planet with Smart Signage



### Resource conservation

Samsung uses recycled resin and plastic waste in its products and packaging, and has developed a screw-less design and glue bonding to reduce waste.



### Energy efficiency

Samsung's Smart Signage uses power-efficient components and software that intelligently manages power consumption. This not only reduces electricity use but provides cost savings too.



### Non-hazardous substances

Samsung Smart Signage products do not contain harmful substances, ozone depleting substances or substances that are hazardous to the natural environment.



## PN-LB and PN-LC Touch

### Boost collaborative engagement

The BIG PAD range of smart interactive displays combine BYOD functionality with precision touch for whiteboarding and collaboration.

PN-LB	<b>L652B</b> 65"UHD	<b>L752B</b> 75"UHD	<b>L862B</b> 86"UHD	Out-of-the-box collaboration
PN-LC	<b>LC652</b> 65"UHD	<b>LC752</b> 75"UHD	<b>LC862</b> 86"UHD	HDMI-OUT connection

optional AV Soundbar  
**PN-ZCMS1**



## P and PV Series Laser Projectors

### Long life sustainability

Benefit from long-life, low maintenance laser performance. New PV Series offers ideal transition from lamp-based technology.

P Series	<b>P547UL</b> 5,400AL	<b>P627UL</b> 6,200AL	Super Silent
PV Series	<b>PV710UL</b> 7,100AL	<b>PV800UL</b> 8,000AL	Changeable Lenses Black/White Options



## E Series Large Format Displays

### Life-sized presentation

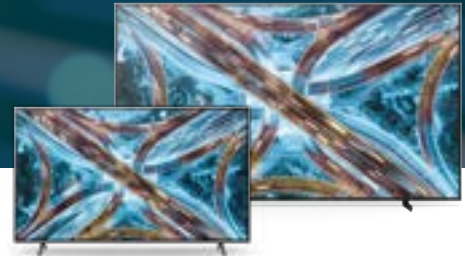
New extra-large size displays for signage or presentation bring quality and reliability at a low total cost of ownership with long lifetimes.

<b>75" UHD</b> 18/7 operation	<b>86" UHD</b> 18/7 operation
----------------------------------	----------------------------------

## BRAVIA BZ-L Series Professional Displays

Beautiful pictures built for business

Available from 43" to 98" there is a Sony professional display to suit any size classroom or meeting room. Sony's energy efficient BRAVIA Professional Displays combine bright, beautiful 4K HDR images with easy operation, extensive integration options and low ownership costs.



43"	50"	55"	65"	75"	85"	98"
FW-43BZ30L	FW-50BZ30L	FW-55BZ40L FW-55BZ35L FW-55BZ30L	FW-65BZ40L FW-65BZ35L FW-65BZ30L	FW-75BZ40L FW-75BZ35L FW-75BZ30L	FW-85BZ40L FW-85BZ35L FW-85BZ30L	FW-98BZ50L

### BZ50L

Premium 98" 4K HDR display with Sony XR processing.

### BZ40L

Exceptionally bright 4K HDR professional displays with unique Deep Black Non-Glare technology. Available in 55" to 85".

### BZ35L

Enhanced 4K HDR professional displays with 32GB storage and high brightness in sizes 55" to 85".

### BZ30L

Professional 24/7 portrait/tilt 4K HDR displays with Sony X1 processing, available in 43" to 98".

### BRAVIA Professional range key features

- Deep Black Non-Glare technology\*
- Quick set-up with Pro Mode
- Flexible mounting & installation
- Reliable 24/7 operation
- Flexible content layout with HTML5
- Easy integration
- Built-in Meeting Room App
- Spectacular 4K HDR image quality
- Apple AirPlay & Chromecast built-in
- IP Network and RS-232C Control
- Integrated with Sony TEOS workspace management solution

### BRAVIA FWD Tuner Models

Our latest range of BRAVIA FWD models features a built in TV Tuner ideal for public places such as reception areas, waiting rooms and communal spaces. (Tuner models available from 32" to 85")



\*BZ40L only

## SQE2 Series

Versatile lineup of highly reliable displays in 4K resolution. Ideal for educational meeting rooms and signage use.

MODEL	TH-98SQE2	TH-86SQE2	TH-75SQE2	TH-65SQE2	TH-55SQE2	TH-50SQE2	TH-43SQE2
SCREEN SIZE	98-inch	86-inch	75-inch	65-inch	55-inch	50-inch	43-inch
BRIGHTNESS	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
PANEL SURFACE TREATMENT	Anti-glare (Haze 25 %)	Anti-glare (Haze 28 %)	Anti-glare (Haze 25 %)	Anti-glare (Haze 25 %)	Anti-glare (Haze 25 %)	Anti-glare (Haze 25 %)	Anti-glare (Haze 25 %)
OPERATING TIME	24 h/day	24 h/day	24 h/day	24 h/day	24 h/day	24 h/day	24 h/day
RESOLUTION	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)



## CQE2 Series

4K Entry Displays in Seven Sizes that Flexibly Match Corporate Meeting Rooms/Educational Use

MODEL	TH-98CQE2	TH-86CQE2	TH-75CQE2	TH-65CQE2	TH-55CQE2	TH-50CQE2	TH-43CQE2
SCREEN SIZE	98-inch	86-inch	75-inch	65-inch	55-inch	50-inch	43-inch
BRIGHTNESS	500 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
PANEL SURFACE TREATMENT	Anti-glare (Haze 25 %)	Anti-glare (Haze 3 %)	Anti-glare (Haze 1 %)	Anti-glare (Haze 1 %)	Anti-glare (Haze 1 %)	Anti-glare (Haze 3 %)	Anti-glare (Haze 1 %)
OPERATING TIME	24 h/day	16 h/day	16 h/day	16 h/day	16 h/day	16 h/day	16 h/day
RESOLUTION	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)	4K (3840 x 2160)

# Panasonic CONNECT



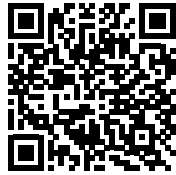
# Seamless solutions with Philips education displays

Philips professional displays bring education settings to life. In the classroom or lecture theatre, for the back office and around campus.

Networked or standalone, interactive touchscreens or static signage - with the total solution approach brought to you with Philips professional displays, the display is just the beginning.

Harness the power of familiar software, augmented with additional education features and functionality, across a full portfolio of products brought together for education settings.

Enhance collaboration, engage students on site or at home, and inform the whole campus community – securely and sustainably – moving confidently into the future with Philips professional displays.



Learn more with Philips professional displays  
[ppds.com/industry-display-solutions/education](https://ppds.com/industry-display-solutions/education)



**"THE VOICE OF AV'S HIGHER EDUCATION SECTOR"**  
**AV Magazine**



## About Us....

The Learning and Teaching Spaces Manager Group is an end user community of AV and Learning Spaces Managers. We share ideas and expertise via an active mailbase which now consists of over 400 members. We run an annual three day event and give our members access to networking opportunities and suppliers.

## Join Us....

If you currently work within Higher Education and are responsible for the design, specification, installation or support of Audio Visual systems then please join us - it's completely free!



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# BrightSign®

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- **Higher resolutions** up to stunning 8K
- **Powerful motion graphics** that surpass HTML trends
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### THE POWER BEHIND EVERY BRIGHTSIGN PLAYER

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- **Reliable:** Legendary reliability boasting a < 0.1% failure rate across millions of players with self-healing & remote controls.
- **Superior:** Runs any content type, resolution, device, and technology integration for simple to sophisticated experiences.
- **Sustainable:** Easy to maintain, power efficient, built to last and scalable with free updates that leaves no player behind.





audio visual  
material



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[christiedigital.com/M4K25RGB](http://christiedigital.com/M4K25RGB)

# Deliver incredible experiences your audience will never forget

Our most advanced projectors combine 3LCD and 4K enhancement technology with vibrant colour and ultra-high contrast ratio to produce brilliant, true-to-life content reproduction.

## High brightness with advanced flexibility

The highly versatile EB-PU1000 Series laser projectors provide a brightness range from 6,000 to 10,000 lumens and feature 4K enhancement technology. Add the perfect lens based on your installation requirements and even an Epson external camera for advanced functionality. Play content cable-free using the built-in media player with network content upload.



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## PT-FRZ60 Series



### 1-Chip DLP™ laser projectors for education and corporate

Easy-to-Manage, Super Simple 1 Chip DLP™ Laser Projectors deliver Clear Pictures in Bright Rooms with Flexible Integration in the Classroom or Office.

MODEL	PT-FRZ60	PT-FRZ50	PT-FRZ55
BRIGHTNESS	6,000 lm (ANSI) 6,200 lm (Center)	5,200 lm (ANSI) 5,400 lm (Center)	5,000 lm (ANSI) 5,200 lm (Centre)
RESOLUTION	WUXGA	WUXGA	WUXGA
LENS	2x zoom lens (1.46 – 2.94:1)	2x zoom lens (1.46 – 2.94:1)	Fixed short throw lens (0.8:1)

## PT-MZ Series



### Flexible and cost-efficient LCD laser projector

The Series features PT-MZ880 (8,000 lm), PT-MZ780 (7,000 lm), and PT-MZ680 (6,000 lm) WUXGA models with a refined Multi-Laser Drive Engine for the optimal balance of high brightness, vivid colour, and low-maintenance operation.

MODEL	PT-MZ880	PT-MZ780	PT-MZ680
BRIGHTNESS	8,000 lm	7,000 lm	6,000 lm
RESOLUTION	WUXGA	WUXGA	WUXGA
DIMENSIONS	561 x 224 x 439 mm	561 x 224 x 439 mm	561 x 224 x 439 mm

## PT-VMZ Series



### The world's smallest and lightest LCD laser projector

Deliver clear, striking images in well-lit open meeting spaces and classrooms from the smallest and lightest LCD laser projector in its class. High 7,000 lm brightness, 3,000,000:1 contrast, and vivid colour creates an engaging presentation experience.

MODEL	PT-VMZ71	PT-VMZ61	PT-VMZ51	PT-VMZ51S
BRIGHTNESS	7,000 lm	6,200 lm	5,200 lm	5,200 lm
RESOLUTION	WUXGA	WUXGA	WUXGA	WUXGA

## Laser Projection



Spectacular picture quality, flexible installation and intelligent settings make Sony's laser projectors a smart choice for businesses, universities, colleges, and visitor attractions looking for a high quality and energy efficient solution.

### VPL-PHZ51 / VPL-PHZ61

5,300 lm (5,800 lm centre) & 6,400 lm (7,000 lm centre)

Beautifully slim and light, these high-brightness, flexible and stylish laser WUXGA projectors are perfect for corporate and education applications.

Throw ratio: 1.23:1 to 1.97:1

**Spectacular image quality** - powerful Z-Phosphor laser light source and advanced BrightEra 3LCD projection engine deliver detail-packed images with up to 6,400 lumens brightness (7,000 lm centre).

**Intelligent Settings** - monitor usage and environmental conditions to ensure maximum brightness and colour accuracy.

**Flexible installation** - position the projector freely at any angle, on its side or even upside down. HDBaseT reduces cabling for simpler integration.

**Discreet partner for any presentation** - stylish blend-in design with tidy cable management and low fan noise.

### F Series Laser projectors

6,000 to 13,000 lumens

Sony's flagship laser projectors for larger and more demanding venues requiring the best in technology, resolution, and highly sophisticated features.

Deliver powerful performance, optional lenses, up to 20,000 hours of life and attractive TCO.



**BrightEra™**

Long Lasting Optics

**Z-Phosphor**

LASER LIGHT SOURCE



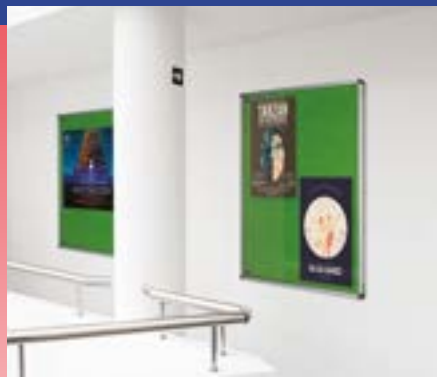


# Innovative Workspace Solutions



FOUNDED IN 1973, METROPLAN LIMITED IS A UK-BASED MANUFACTURER, SUPPLIER & THE UK'S LARGEST STOCKIST OF DISPLAY, PRESENTATION AND FURNITURE PRODUCTS.

- PROJECTION SCREENS •
- WHITEBOARDS •
- NOTICEBOARDS •
- FURNITURE •
- DISPLAY





**TK TEAM**

## Improve VC calls, distance learning and hybrid teaching

**The idea that you can simply install some AV hardware and 'Hey Presto!'... suddenly have quality video conferencing, distance learning and collaboration isn't always realistic.**

"Sorry, but it's boomy at this end" or "Can you speak one at a time" and "the acoustics are terrible" are familiar to anyone who's ever been on a bad VC call.

You may have reverb, feedback, poor acoustics, and a room never intended for audio broadcast or recording. But what to do?

Your problems are over; TK-Team acoustic correction panels can stop reverb and dramatically improve acoustics. These attractive panels can be mounted on walls, ceilings or mobile and the difference a few square metres of panels can make is transformational.

TK-Team panels are 'Class A' conform to EN ISO 11654, ASTM C 423 NRC & SAA and effectively soak up 'human voice level' frequencies.



# WriteWall

Full width & height writing surface



## Wall-filling potential

WriteWall is a new or retro fit solution that provides a complete area of writable magnetic whiteboard surface. Can be written on with dry-erase, semi permanent, water-soluble or permanent marker, chalk, pen or crayon without damaging the surface.

WriteWall can cover areas up to 3 metres in height by whatever width you require.



Sky

The floating illusion, a reverse bevel seems to lift the surface.



Radia

150mm radiused corners creates a stylish look.



Square

90° corners create a sharp look with colour matching trim.



Tec

A powder coated aluminium trim available in a range of colours.

WriteWall is available with a choice of four edge details

The logo for ScreenInt, featuring the word "screenint." in a white, lowercase, sans-serif font. Below the text is a blue downward-pointing arrow shape, all contained within a dark grey rounded rectangle.

# There's a ScreenInt for that!

## Got a prestigious boardroom refit?

The ScreenInt Raphael screen disappears completely into a discreet ceiling recess when not in use.

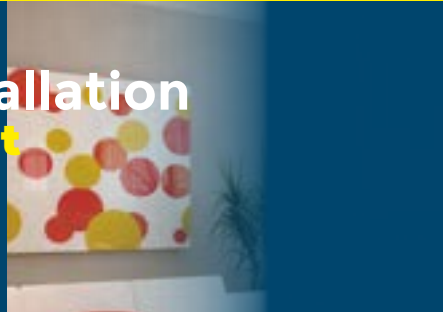
## Installing in a false ceiling?

ScreenInt's false ceiling trim kit for their Compact and Major models lets you to hide the screen cabinet inside a false ceiling for a clean, aesthetically pleasing look.

## Need a screen that never breaks down?

Nil. Zilch. None. That's the number of issues we've had with the ScreenInt Eikon screen. Ideal for schools and higher education where reliability is key.

## Whatever the AV installation #theresascreenintforthat

A smaller version of the ScreenInt logo, consisting of the word "screenint." in white text above a blue downward-pointing arrow, all in a dark grey rounded rectangle.



# First class

*AV for primary and secondary  
education*



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BenQ  
Education



## Meet Our Latest Generation of Interactive Displays

Transform regular classes into healthier, more engaging learning lessons with our latest generation of interactive displays.

Featuring ClassroomCare® technologies, built-in whiteboarding software and an interface that is intuitive to use, BenQ's interactive displays are the perfect tool to enhance teaching and learning.

### Accessories



### Teaching Software



### Education Projectors



### Supporting Software



### Smart Displays



### Supporting Partners



Discover more at [www.BenQ.uk](http://www.BenQ.uk)



# YEALINK FULL-RANGE SOLUTIONS FOR EDUCATION SCENARIOS



## SMART CLASSROOM



MVC400



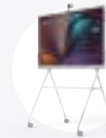
MVC860



## CUSTOMIZED LECTURE HALL



MVC S90



Meetingboard65



## MULTI-FUNCTIONAL MEETING SPACE



A30



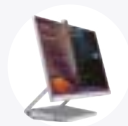
MVC640



MVC860



## SIMPLE PERSONAL WORKSPACE



Premium Solution - A24



Basic Solution - BH72/UH37\*+ UVC20



Intuitive and Collaborative



Time-saving



Professional and Simple



Future-proof



# ALL ANGLES COVERED

REMOTE VIEW

Intelligent camera switching to capture the best perspective no matter where the conversation goes.

MEETING OWL 3

OWL BAR

WHITEBOARD OWL

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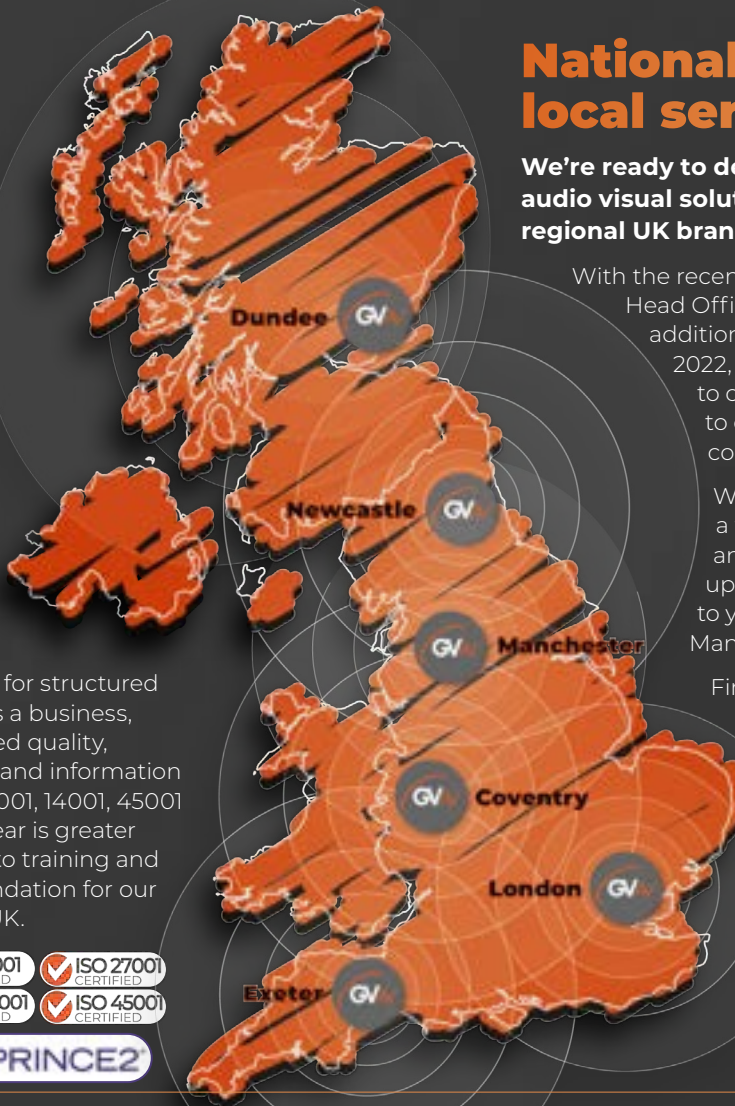
99

## Dedicated to excellence

At GVAV, we value our team and their development, investing in ongoing training and certifications to ensure our services are professional and aligned to recognised standards.

With our **AVIXA Gold Membership** and our team's host of certifications achieved via study and support, you can be confident when choosing **GVAV**. Our team are skilled and capable with AVIXA CTS-D (design), CTS-I (installation) and CTS certifications.

Our Project Teams study **PRINCE2** for structured project management systems. As a business, we invest in independently audited quality, environmental, health and safety and information security systems, including ISO 9001, 14001, 45001 and 27001. Our investment this year is greater than ever with our commitment to training and certification providing a firm foundation for our services and support across the UK.



## National strength, local service

We're ready to deliver industry-leading audio visual solutions from our six regional UK branches.

With the recent move to our brand new Head Office in Feltham and the addition of our Dundee branch in 2022, we're in the best position to offer a bespoke local service to our customers across the country.

Whether you're looking for a full AV solution, refit of an existing space or just to upgrade some old kit, speak to your local **GVAV** Account Manager.

Find branch contact details on the back of this book - **we are here to help.**





## From system design to installation and aftercare

Our expert team are on hand to take your project from the idea stage right through to completion.

With decades of experience, we offer refined solutions delivered by highly skilled designers who know how to realise your AV requirements. With technical teams continuously receiving the latest training, we ensure they have the most up-to-date skills and product knowledge.

**No matter the size of your project, we've got you covered.**

## Maintenance and local support

Customer satisfaction is a top priority, and we pride ourselves on our bespoke local service. Our six regional branches mean we're always able to deliver quality support on our clients' doorstep.

Our maintenance package offers excellent value and ensures your new AV system will run smoothly for years to come. Support services also include access to **GVCORE**, our service desk solution for incident logging.



## A full range of services

We deliver a full range of services to make your AV ambitions come to life. Each of our six branches offers a full range of services and support for your local convenience. This includes:

- System design, consultancy and account management
- In-house pre-integration and rack build, programming and testing
- Control system design and integration
- Warehousing and logistics
- Technical training and support



## GVAV - a family business

The secret to our success is the people behind the business, with every member of our team passionate and dedicated to developing innovative AV solutions for our customers.

With a heritage dating back to 1976, **GVAV** embraces a family ethos that has run through the business since the beginning.

Now with more than 130 people and with over 45 years in the industry delivering a broad spectrum of projects, **there's nobody better to trust with your audio visual project.**



# Case studies



[gvav.com/case-studies](http://gvav.com/case-studies)





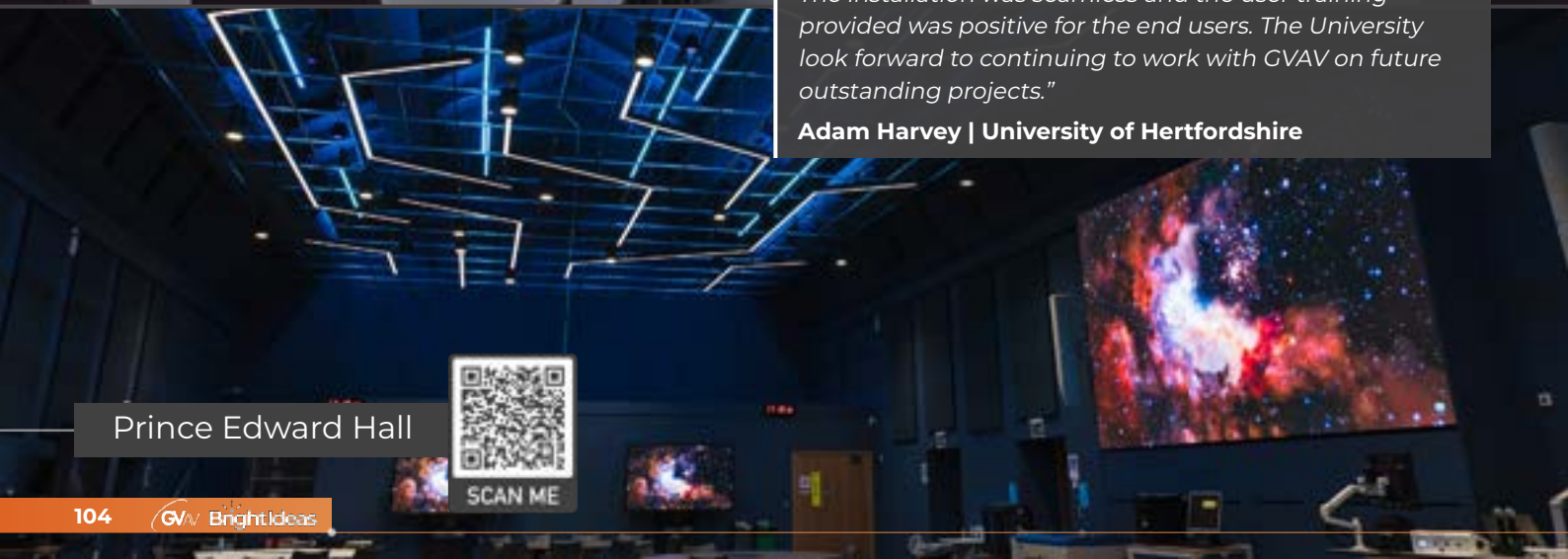
Forum Lecture Theatre



*“Working with GVAV was a positive experience all round – they worked alongside us to make sure that the new AV system met our needs, delivered the ‘wow’ factor that we were looking for and created a learning environment that is second to none.*

*The installation was seamless and the user training provided was positive for the end users. The University look forward to continuing to work with GVAV on future outstanding projects.”*

**Adam Harvey | University of Hertfordshire**



Prince Edward Hall



# University of Hertfordshire - LED

After competitive tendering processes, **GVAV** were appointed to lead an LED revolution across the new state-of-the-art teaching spaces at the University of Hertfordshire, including several signature spaces:

The stand-out feature of this innovative AV upgrade is in the University's new flagship lecture theatre.

A 9 meter wide 4K NEC LED wall, the largest of its kind in UK higher education at the time of install, provides stunning and sharp visuals for all 400 seats in the new **Forum Lecture Theatre**.

The monumental LED wall was chosen as an alternative to projection, offering a bright, immersive display with a long lifespan and easy maintenance.

A Crestron AV over IP (AVoIP) solution was integrated with a bespoke touchpanel, allowing staff to seamlessly and dynamically share content, as well as control the audio, video, lighting and lecture capture in the facility.

Other components of the AV solution include:

- Coriomaster video processor
- An AV rack and a TOP-TEC teaching lectern
- Two comfort monitors at front of stage
- Mersive Solstice
- WolfVision visualizers
- PTZ cameras
- JBL line array speakers, Q-SYS DSP, Shure wireless mic system.

Across campus, the **Prince Edward Hall** tiered lecture theatre has been transformed into a flat-floor teaching space allowing wireless collaborative learning, presentations, breakout learning sessions, and group training tailored for STEM students.

*"LED is the biggest untapped area of technology for customers right now. We see it as a display solution for the future because of the flexibility in how you can install it and implement it."*

**Sukh Basi | Sales Director, GVAV**



The centrepiece of Prince Edward Hall is a 4.8m wide NEC HD LED wall. The audio and video distribution, as well as the control system deployed, is a complete Q-SYS end-to-end solution

The Hall is equipped with QSC PTZ cameras for lecture capture, five 65" NEC touchscreens, QSC ceiling speakers, JBL line array speakers, Shure wireless mics processed via existing QSC DSP and Sennheiser mobile connect for an assisted hearing solution.

As well as being a pioneering teaching space, the Hall is now perfectly equipped to play host to big University events like awards ceremonies.

# University of Plymouth - SoSC

*Continuing a successful ongoing relationship with the University, **GVAV** were appointed to design and deliver AV installations within the SoSC Crime Simulation Lab. This featured a customisable crime scene inside a mock-up apartment, two interview rooms, observation rooms and a seminar room.*

For this project, each room needed to be connected via a sophisticated network with video and sound capture with recording capabilities.

With an open-plan kitchen and living area as well as a bedroom and bathroom, the mock-apartment allows students to dive into an immersive training experience within a realistic apartment environment.



For video capture, 10 Lumens PTZ IP cameras are fitted across the suite. Three Lumens Compact Camera Controllers were installed across the network to work in partnership with the PTZs, allowing staff and students to intuitively switch to and control any camera on the system.

Audio in the lab is captured by five Audio-Technica omnidirectional mics integrated into the ceiling, with talkback into the lab possible from the other rooms via Audac ceiling speakers. Other audio equipment installed includes a Shure table array mic and JBL speakers.

The interview room tech integrates neatly into a Top-Tec collaborative table alongside power options for other devices. An Iiyama 43" display is mounted as well as integrated Extron control for comprehensive input and output options.

The flexible connectivity options throughout the suite are facilitated by an AV over IP (AVoIP) system, seamlessly connecting all devices in each room on a fast, efficient and secure network.

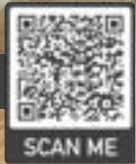
Students can observe their colleagues in the seminar room with three wall-mounted Iiyama displays alongside a Top-Tec lectern with a 4K WolfVision visualiser.



The new audio visual installation within the School of Society and Culture will serve the University's students for many years to come and solidifies Plymouth University's standing as a world leader in higher education.



Read the full case study



# University of Hull - DAIM Building

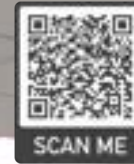
**GVAV** undertook a full AV fit-out over two floors of DAIM, the **University of Hull's** impressive newest building. The installation included two large computer labs and a large phased array induction loop.

Crestron control technology features heavily within this new installation, with presentation switchers, touchscreens, input and lighting controllers being key components in each computer lab.

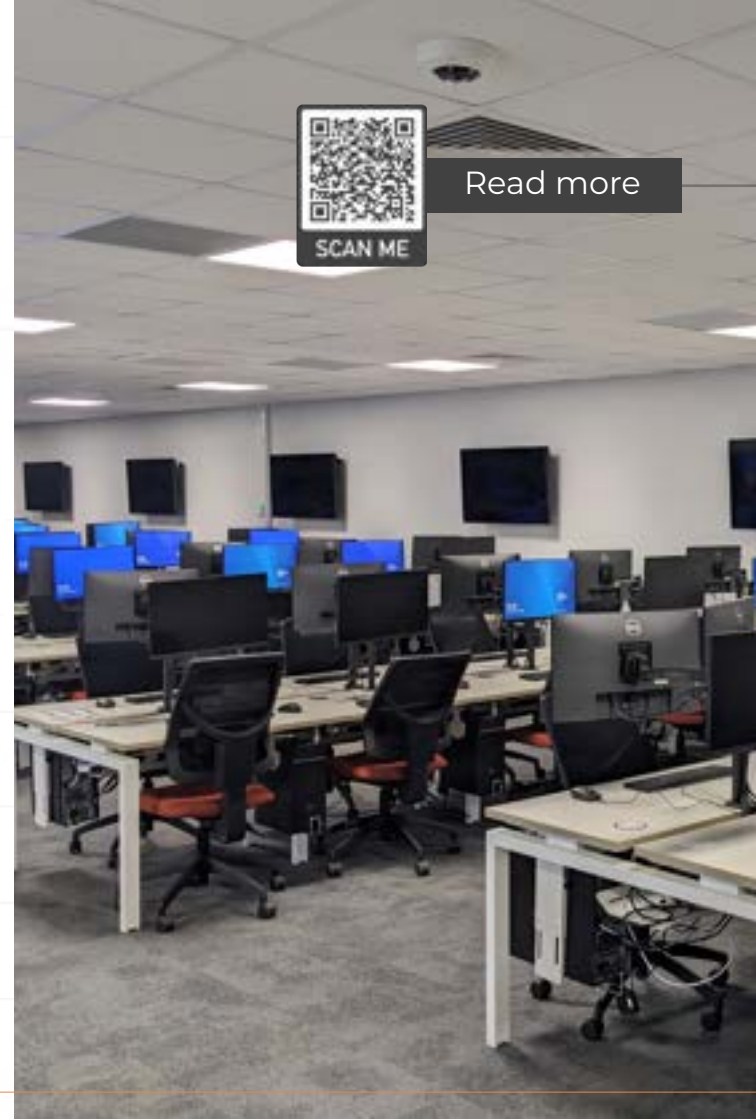
Around the rooms, a total of 26 Panasonic 49" displays were installed and mounted with Unicol tilting wall mounts across a Blustream AVoIP system, giving the presenter full, flexible control.

Both rooms are fitted with custom Top-Tec lecterns which neatly house much of the technical and control equipment. For audio, Extron ceiling speakers and amplifiers were installed, providing full sound coverage across each room for students.

With these comprehensive facilities enhanced by a flexible and collaborative Blustream AVoIP system, the new DAIM building will become an important asset to the University of Hull, adding even more value for their students and enhancing their experience during their time studying.



[Read more](#)



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# AV services you can rely on

## Six local branches across the UK

GVAV has installed thousands of projects nationwide. With local branches covering the entire country and a central hub of systems and resources, we are ready for any project, no matter the size or complexity.

We have the skills, local resources and experience to take your needs from a concept to a fully integrated and supported audio visual solution.

## On hand to help

GVAV provides sales, service and support, accessible via mobile, web or email. Our customers can contact us whenever and wherever they need us. We take customer satisfaction very seriously, so training, support and effective project management are critical to all we do.

## Maintenance and support

Our nationwide network of branches means local, experienced engineering resources for our customers. From essential preventative maintenance to site-resident engineers, extended hours and short term events to full operational support, whatever you need, GVAV can help.

Our project, technical, and programming teams ensure your AV projects deliver on every level. We pride ourselves on offering the highest quality products and services, and our customers know they always get great value for money.



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