LINDY
CONNECTION PERFECTION

ABSOLUTE AV ADDITIONS

NAVIGATOR SUPPLEMENT

All news and updates at a glance. Product and background information as well as inspiring example applications. Relevant, compact & full of innovative developments.

Head of European Sales
Elia LUPI

NEW DIGITAL TECHNOLOGIES ARE CHANGING HOW OUR SOCIETY COMMUNICATES. OUR VISION IS TO IDENTIFY PEOPLE'S NEEDS AND PROVIDE THE RIGHT ENVIRONMENT FOR MEETING THEM.

We create technology for the connected world.
Enjoy discovering the Lindy solutions.

COMBINED CONNECTIVITY SOLUTIONS

SHARING

EXTENDING

CONNECTING

CONVERTING

COMBINED CONNECTIVITY SOLUTIONS

Each Lindy product features special functionality and has been developed for a particular use. Thanks to our broad portfolio, backed by our considerable knowledge and experience, we have the right solution for every need – in any field and for any application.

Many of our products bring together multiple basic IT and AV functions in a single unit. This makes them valuable components of larger systems that perform a variety of functions. And these in turn can be combined with other products to create highly efficient solutions. Matrix switching solutions, for example, are modular units for flexibly rerouting, distributing and converting AV signals. In tandem with our IP-based extender systems, signals can be distributed throughout an enterprise or even worldwide.

This opens up entirely new prospects for our customers and business partners across a multitude of sectors including retail, manufacturing, education and administration, not to mention our distributors, end-to-end system suppliers and resellers. Thanks to our enormous portfolio, proven competence and bespoke customer services, we can provide the right solution for any environment – regardless of the connection type and application.

We help our customers improve the reliability of their connections and the efficiency of their applications and components. To accomplish this, we draw on a vast range of standard products and solutions to devise made-to-measure, customer-specific solutions.

FOUR TECHNOLOGIES – ONE SOLUTION

SHARING

We've mastered the art of switching and splitting signals for all analogue and digital technologies with conventional VGA, HDMI or DisplayPort connections.

EXTENDING

We push back the limits of transmission with our repeater and extender technology. This lets us deliver signals via copper lines over several hundred metres, deploying fibre-optic cables across multiple kilometres and, with IP, even worldwide.

CONNECTING

We transmit signals with maximum resolution and bandwidth, all the way up to the specified maximum distances. And, thanks to our expertise and extra-long-distance cables, even beyond.

CONVERTING

We're able to convert signals between virtually any communication protocols to connect the worlds of AV and IT. We consistently use the latest technologies to optimally support our customers.

SHARING

We've mastered the art of splitting both analogue and digital signals, and are equally familiar with conventional VGA, HDMI and DisplayPort, to name just a few examples. We support switching for and between all legacy and leading-edge signal technologies. Our product range includes basic 1:2 and 2:1 devices as well as complex matrix switches.

SCENARIOS, PRODUCTS & TECHNICAL INFORMATION

DISTRIBUTE EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR MATRIX RANGE

4X2 HDMI 2.0 18G MATRIX SWITCH

With this matrix switch, HDMI 2.0 signals from up to four signal sources can be routed to two independent target devices. With stored EDID presets for the most commonly used audio and video configurations and an automatic EDID function, compatibility with all modern source and target devices is assured. Operation is controlled by the front panel or optionally via the integrated IR remote control to ensure flexible control at all times. The LED display, which is also located on the front panel, can be used to quickly and easily identify which source and target devices are currently being controlled. Due to its compact design, the device is ideally suited for use in conference rooms or digital signage applications.

No. 38084

4X4 HDMI 2.0 18G MATRIX SWITCH PRO

This HDMI 2.0 Matrix Switch is a professional and reliable solution for transferring 4K UHD video content in full 18G bandwidth including digital audio signals from a maximum of four HDMI source devices to up to four HDMI target devices and switching them independently. Control can be via the front panel, the integrated IR, RS-232 or IP remote control to ensure flexible control at any time and from any location. The switch supports HDR (High Dynamic Range) and can reproduce a wide dynamic range in the luminance signal, which in HDR TVs and displays allows a wider range of colours and greater contrast between lowlights and highlights. The matrix also has SPDIF audio output ports that can be used to route audio from any source to an external amplifier or speaker. Full HDCP 2.2 and HDMI 2.0 support ensures that the matrix is ready for future HDMI 2.0 audio and video signals. The rugged metal enclosure, with the option of rack mounting, makes the switch ideal for professional AV applications and home installations.

No. 38247

8X8 HDMI 2.0 18G MATRIX SWITCH PRO

This matrix switch is a professional solution with eight 4K HDMI inputs and eight 4K HDMI outputs which support 4K UHD resolutions and enable splitting, switching or cross-switching of up to eight HDMI 2.0 source signals to up to eight independent target devices. Preconfigured EDID settings and the option to save EDID from connected displays makes installation easy and simple. In addition, HDR provides greater contrast between lowlights and highlights. Operation is via the front panel, IR remote control, RS-232 port or IP. Maximum resolutions up to 4096x2160 @60Hz 4:4:4 8bit are supported. Digital 7.1 audio transmission for DTS-HD Master Audio and Dolby TrueHD using SPDIF audio output ports ensures crystal clear transmission from any source to an external amplifier or speaker. Ideal for installations where multiple displays need to be set up at various locations to provide them with different content from the source devices.

No. 38248

THE EXPANDED PORTFOLIO: THE MATRIX RANGE

Choose from our comprehensive product portfolio for distributing AV signals in diverse ways – find a tailored solution for each of your needs at a glance. This gives you the information required to respond easily, flexibly and economically to requirements as they change from day to day – now and in the future.

SPECIFICATIONS	4X2 HDMI 2.0 18G MATRIX SWITCH	4X4 HDMI 2.0 18G MATRIX SWITCH PRO	8X8 HDMI 2.0 18G MATRIX SWITCH PRO
AV Interface	HDMI	HDMI	HDMI
Interface Standard	HDMI 2.0	HDMI 2.0	HDMI 2.0
Supported Bandwidth	18Gbps	18Gbps	18Gbps
Maximum Resolution	3840x2160@60Hz 4:4:4 8bit	4096x2160@60Hz 4:4:4 8bit	4096x2160@60Hz 4:4:4 8bit
HDCP Support	2.2	2.2	2.2
Supported Audio	Audio Pass-through Toslink (Optical) Up to 7.1CH Stereo Analogue	HDMI Audio Pass-through Up to 5.1CH (SPDIF)	HDMI Audio Pass-through up to 5.1CH (SPDIF)
IR Support	38kHz	38kHz	38kHz
CEC Support	-	-	-
Serial Interface	-	RS-232	RS-232
LED / LCD Display	-	LCD	LCD
Control	-	IR, RS-232, Telnet	IR, RS-232, Telnet
Special Features	EDID Management	EDID Management, Individual audio out ports	EDID Management, Individual audio out ports
CONNECTORS			
Input	4 x HDMI (Female)	4 x HDMI (Female)	8 x HDMI (Female)
Output	2 x HDMI (Female)	4 x HDMI (Female), 4 x SPDIF (Female)	8 x HDMI (Female), 8 x SPDIF (Female)
Control	-	RS-232 (Female), RJ45 (Female), 3.5mm (Female)	RS-232 (Female), RJ45 (Female), 3.5mm (Female)
Power	5.5/2.1mm DC socket	5.5/2.1mm DC socket	5.5/2.1mm DC socket
PHYSICAL PROPERTIES			
Dimensions (approx.) WxDxH	125x95x25mm (4.92x3.74x0.98in)	216x115x34mm (8.5x4.53x1.34in)	437x225x50mm (17.2x8.86x1.97in)
Housing Material	Metal	Metal	Metal
Net Weight	0.51kg (1.12lb)	0.655kg (1.44lb)	2.8kg (6.17lb)
Operating Temperature	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)	-20°C - 60°C (-4°F - 140°F)	-20°C - 60°C (-4°F - 140°F)
Humidity	20 - 90% RH (non-condensing)	20 - 90% (non-condensing)	20 - 90% (non-condensing)
Power Requirements	5VDC 1A	5VDC 3A	12VDC 3A
	No. 38084	**No. 38247**	**No. 38248**

DISTRIBUTE EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR SPLITTER RANGE

2, 4 & 8 PORT DVI-D SINGLE LINK SPLITTER

These DVI splitters, with one input and up to eight outputs, provide multiple target devices with DVI-D single link signals. They support DVI-D single link resolutions up to 1920x1200 @60Hz and HD resolutions up to 1080p (1920x1080), uncompressed and without any loss of quality. These splitters support HDCP 1.3, so even protected content is no obstacle. The plug & play setup ensures fast, flexible and above all simple integration into installations. In addition, several devices can be cascaded in three levels, allowing an even higher number of displays to be controlled. With the integrated signal amplifier, distances of up to 30m can be deployed. From the 1x2 standard version to 1x4 to 1x8, these splitters are a professional solution when it comes to simultaneously displaying identical content on several displays.

No. 38305 – 2 Port DVI-D Single Link Splitter
No. 38306 – 4 Port DVI-D Single Link Splitter
No. 38307 – 8 Port DVI-D Single Link Splitter

2, 4 & 8 PORT HDMI 2.0 18G SPLITTER

These compact HDMI splitters distribute an HDMI source input signal, with full bandwidth of 18Gbps, to all output ports. Up to eight displays connected to these outputs can be simultaneously supplied with content up to 4K at 60Hz. Support for the HDMI 2.0 specification and HDCP 2.2 protected content ensures that the splitters will continue to be ready for the modern distribution of high-bandwidth AV content. Depending on the application, the same or different displays can be used with the splitters. This requires different EDID setting options, which can be adapted to the application scenario by means of a dip switch. The integrated input signal amplifier enables use over longer distances of up to 10m between source and splitter. These splitters are designed to be used as plug & play solutions at any time and without additional settings in professional environments and installations.

No. 38235 – 2 Port HDMI 2.0 18G Splitter
No. 38236 – 4 Port HDMI 2.0 18G Splitter
No. 38237 – 8 Port HDMI 2.0 18G Splitter

16 PORT HDMI 2.0 18G SPLITTER

This HDMI 2.0 splitter provide one input and 16 outputs to distribute a 4K HDMI input signal to 16 HDMI displays with full bandwidth of 18Gbps and the highest colour depth. The EDID function automatically detects EDID data from the connected target devices, always selecting the optimum resolution and frequency at the outputs to avoid compatibility problems with the displays used. Due to the internal output signal amplification, lossless HDMI signals can be transmitted to target devices up to a cable length of 10m without an additional extender. These splitters support HDMI 2.0 signals including 4K at 60Hz, HDCP 2.2, 3D (Full HD) and HDR as well as digital audio signals. This makes the splitter a future-proof device that is equipped for new and sophisticated audio and video signals. As a plug & play solution, it is ready for use at any time and without additional settings in professional environments and installations.

No. 38246

THE EXPANDED PORTFOLIO: THE SPLITTER RANGE

Choose from our comprehensive product portfolio for distributing AV signals in diverse ways – find a tailored solution for each of your needs at a glance. This gives you the information required to respond easily, flexibly and economically to requirements as they change from day to day – now and in the future.

SPECIFICATIONS	2, 4 & 8 PORT DVI-D SINGLE LINK SPLITTER	2, 4 & 8 PORT HDMI 2.0 18G SPLITTER	16 PORT HDMI 2.0 18G SPLITTER
AV Interface	DVI-D	HDMI	HDMI
Interface Standard	DVI-D 1.0 (Single Link)	HDMI 2.0	HDMI 2.0
Supports Bandwidth	4.95Gbps	18Gbps	18Gbps
Maximum Resolution	1920x1200@60Hz	3840x2160@60Hz 4:4:4 8bit	3840x2160@60Hz 4:4:4 8bit
HDCP Support	1.3	2.2	2.2
Supported Audio	-	Audio Pass-through	Audio Pass-through
Separate Audio Ports	-	-	-
CEC Support	-	-	Pass-Through (Port 1)
Serial Interface	-	-	RS-232
Special Features	Active LED Indicators	EDID emulation	EDID emulation
CONNECTORS			
Input	1 x DVI-D (Female)	1 x HDMI (Female)	1 x HDMI (Female)
Output	**2 Port:** 2 x DVI-D (Female) **4 Port:** 4 x DVI-D (Female) **8 Port:** 8 x DVI-D (Female)	**2 Port:** 2 x HDMI (Female) **4 Port:** 4 x HDMI (Female) **8 Port:** 8 x HDMI (Female)	16 x HDMI (Female)
Control	-	-	3.5mm (Unused), RS-232 (unused)
Power	5.5/2.1mm DC socket	5.5/2.1mm DC socket	5.5/2.1mm DC socket
PHYSICAL PROPERTIES			
Dimensions (approx.) WxDxH	**2 Port:** 155x23x70mm (6.1x0.91x2.76in) **4 Port:** 155x23x70mm (6.1x0.91x2.76in) **8 Port:** 265x45x115mm (10.43x1.77x4.53in)	**2 Port:** 100x56x16mm (3.94x2.2x0.63in) **4 Port:** 163x63x16mm (6.42x2.48x0.63in) **8 Port:** 243x102x16mm (9.57x4.02x0.63in)	482x105x25mm (18.98x4.13x0.98in)
Housing Material	Metal	Metal	Metal
Net Weight	**2 Port:** 0.265kg (0.58lb) **4 Port:** 0.265kg (0.58lb) **8 Port:** 1.119kg (2.47lb)	**2 Port:** 0.263kg (0.58lb) **4 Port:** 0.373kg (0.82lb) **8 Port:** 0.772kg (1.7lb)	1.554kg (3.43lb)
Operating Temperature	0°C - 45°C (32°F - 113°F)	0°C - 40°C (32°F - 104°F)	-15°C - 50°C (5°F - 122°F)
Storage Temperature	-10°C - 80°C (14°F - 176°F)	-20°C - 60°C (-4°F - 140°F)	0°C - 50°C (32°F - 122°F)
Humidity	10 - 85% RH (non-condensing)	20 - 90% RH (Non-condensing)	5 - 90% RH (non-condensing)
Power Requirements	5VDC 1A	**2+4 Port:** 5VDC 1A **8 Port:** 12VDC 1A	5VDC 3A
	No. 38305 – 2 Port DVI-D Single Link Splitter **No. 38306 – 4 Port DVI-D Single Link Splitter** **No. 38307 – 8 Port DVI-D Single Link Splitter**	**No. 38235 – 2 Port HDMI 2.0 18G Splitter** **No. 38236 – 4 Port HDMI 2.0 18G Splitter** **No. 38237 – 8 Port HDMI 2.0 18G Splitter**	**No. 38246**

4K MEDIA CONTROL
QUAD VIEW KVM SWITCH

If users need to work simultaneously on a computer or multimedia system and monitor other source systems, a comprehensive and universal tool that enables this simultaneously and reliably is required. It is often essential to have access to all monitored systems in real time if fast intervention is required. This Quad View KVM Switch, with its seamless switching functionality, ensures the fastest access without handshake blackout on the display. Depending on current requirements, four full HD AV content sources can be displayed simultaneously on a 4K display in split screen mode. Or single content – upscaled to 4K – can be displayed in full screen mode. An OSD menu is used to configure the system. Switching is achieved either via front panel buttons, IR remote control, RS-232 or, in split screen mode, by dragging the mouse and clicking on the screen content of the system required for access. Perfect when it comes to keeping different sources under control in real time during video production, for example.

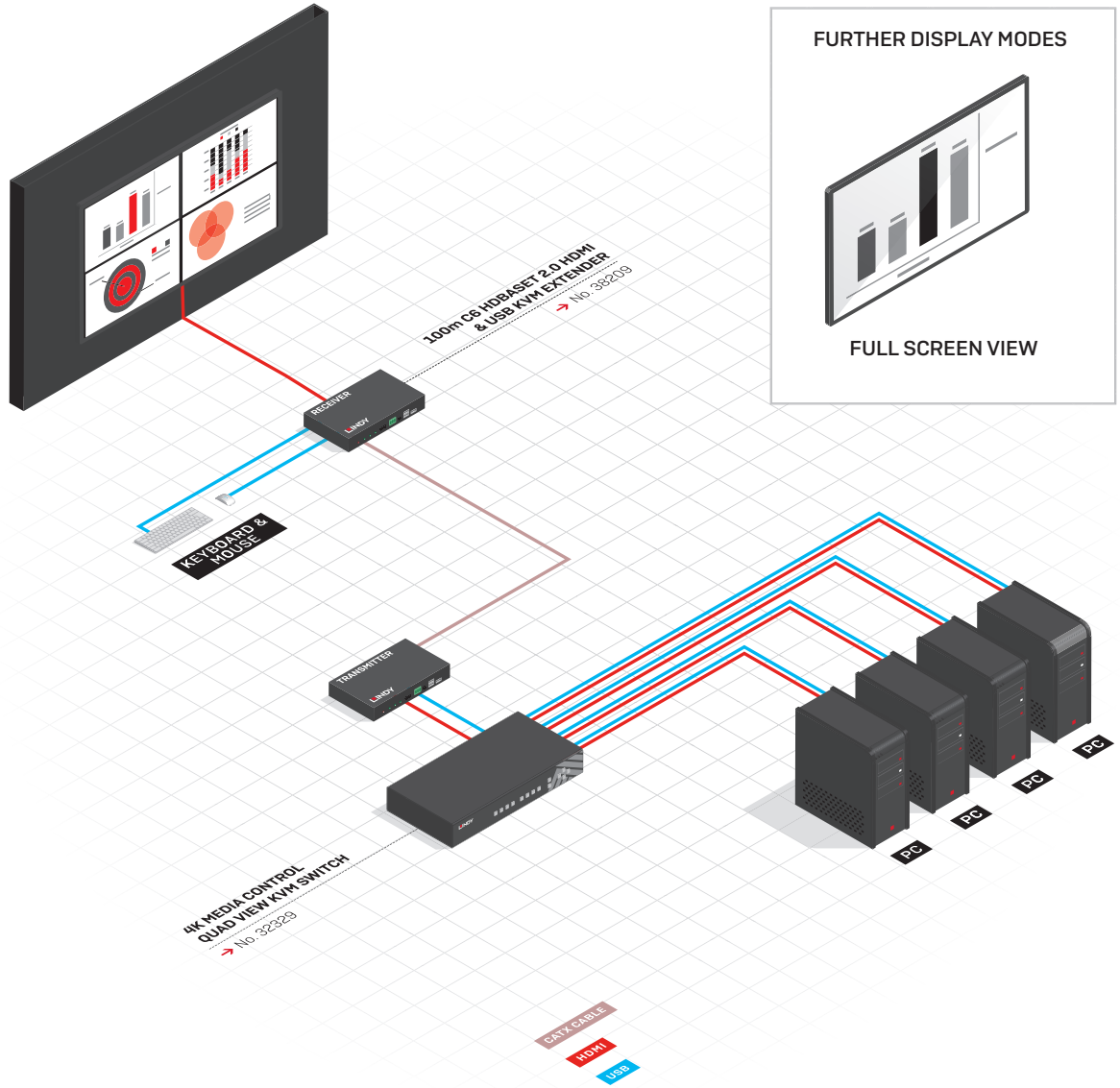
4 PORT HDMI 4K
QUAD VIEW KVM SWITCH PRO
No. 32329

◄ **DIRECT LINK**
STANDARD CONNECTION FOR THE WORKSTATION

All networked workstation systems are connected to the switch via standard cables. The HDMI input signals support resolutions up to 1920x1080 at a refresh rate of 60Hz. HDCP copy-protected content up to HDCP 1.4 is also easily supported. When displaying individual contents, the images scaled up from Full HD to 4K are sent to the connected 4K display. In quad-view mode all four input signals are simultaneously combined into a 4K image on the display with Full HD next to, or on top of one another in split-screen mode.

DIRECT CALL-OFF ►
ALL FUNCTIONS IN QUICK ACCESS

Apart from the control option via hotkey switching (switching via a defined keyboard hotkey), all functions can be called up directly and quickly via the control panel on the front panel. The input system (Workstation 1-4) or the display mode (Single or Quad View) can be selected with a simple keystroke, such as the desired screen resolution, calling and controlling the OSD menu, via RS-232 cascaded further Quad View switches or the complete lock of the control panel as protection against unintended adjustment of the device.



FURTHER DISPLAY MODES

FULL SCREEN VIEW

REMOTE OPERATION AND MONITORING WITH KVM SWITCHING TECHNOLOGY. THE FUTURE OF CONTROL ROOM SCENARIOS.

Remote operation and clear data visualisation are two of the most challenging and important aspects of creating a contemporary control room. By integrating Combined Connectivity Solutions that merge IT & AV functionality into a single unit, control rooms can be built that are prepared for these challenges. This scenario example explores the use of Lindy KVM technology to create a modern control room fit for operation in manufacturing, broadcast and digital signage environments.

In this scenario four video and control sources use a KVM switch and KVM extension systems to provide simultaneous remote operation and monitoring of all four sources in a control room environment.

This suite of products form an end-to-end connection beginning with four workstations, organised into racks in a server room which is located a considerable distance away. This server room can be up to 100m away from the end result of this solution. These workstations are connected via HDMI & USB to a 4 Port KVM Switch.

This switch has a quad view feature that allows up to four signals to be monitored and controlled simultaneously. These signals can be seamlessly switched to eliminate downtime from source to display handshakes, a vital feature when monitoring mission critical systems. Switching is possible using either OSD, push buttons or RS-232, the user can also use mouse inputs to swap between sources, or have a single source become full screen from quad view.

Inputs with a mouse and keyboard can also pass across all four displays on screen giving total control over all sources. This device supports 1080p input signals and 4K UHD output, allowing for all four sources to be displayed simultaneously in full HD.

This advanced switch is then connected to a KVM Extender transmitter unit via HDMI and USB cables. The transmitter then uses inexpensive Cat.x cable to send the signal over 100m to a receiver positioned near the display and input devices, which are then connected to the receiver via HDMI & USB cables.

This complete solution allows for a user to remotely monitor and operate the four workstations in the server room. This is particularly useful in control rooms in manufacturing plants or security control rooms where remote operation is vital. This solution makes an advanced control room with remote operation and full HD data visualisation possible with a cost-effective, versatile and easy-to-use suite.

DISTRIBUTE EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR SWITCH RANGE

MULTI-FORMAT PRESENTATION SWITCH

This multi-format switch, with integrated scaler, can switch between four input signals (HDMI, Mini-DisplayPort, VGA & USB Type C) and convert, scale and output them to a target device via HDMI. The switch's scaling feature ensures the highest possible resolution at all times, whether a digital signal is connected from an HDMI, DisplayPort, or an analogue signal from a VGA source. The HDMI output provides compatibility with all HDCP 2.2-protected content. The switch can be controlled via buttons on the front panel. There is also the option of control via a reliable auto switching function which automatically switches the system between sources. The source device that was last active is automatically played back. This 4K@60Hz (4:4:4 8Bit) switch also has an audio de-embedder and embedder function so that audio can be selected between the embedded audio signal and an external audio signal. With simultaneous audio output via the stereo jack, it can be connected directly to any standard AV receiver.

No. 38268

MULTI-FORMAT CONFERENCE TABLE SWITCH

This presentation switch allows the connection of HDMI, Mini-DisplayPort, analogue VGA, USB type C and stereo signals. The signals are converted, latency-free, into a digital HDMI output signal and at the same time automatically scaled to the maximum possible resolution so that no format adjustments have to be made when transferring to a display or projector. The converted video signals are output via HDMI with resolutions up to 4K 4:4:4 8Bit at 60Hz including HDCP 2.2 support. Analogue audio decoupling is supported and an analogue audio signal can be added via a 3.5mm jack connector or even replace the audio output signal. These media hub solutions are designed for conference and meeting rooms in which modern and older devices must be used flexibly at all times. The table connection panel allows flush installation in the table top or lectern (In-Desk) as well as on the table top (On-Desk). The solution has two simple methods for controlling between source devices, either a manual push button or a reliable auto switching function that automatically switches to the last active signal.

No. 38269

2, & 4 PORT AUTOMATIC OPTICAL AUDIO SWITCH

With these automatic optical audio switches, digital audio signals from up to four different Toslink source devices (SPDIF input) can be connected to a single input on a target device and switched without delay or quality loss. This can be used, for example, when an audio amplifier has too few digital audio inputs but there is a need to reproduce audio signals from multiple sources. The switch automatically detects the current active signal and automatically switches to it. In addition, users can switch manually using the buttons on the top of the unit, ensuring a smooth transition at all times. The switch also supports uncompressed two-channel LPCM audio signals and compressed two-channel, multi-channel Dolby and DTS audio signals. Ideal for use in a wide variety of AV and audio installations where cables need to be plugged in repeatedly must be avoided and lossless audio transmission is required.

No. 70436 – 2 Port Automatic Optical Audio Switch
No. 70437 – 4 Port Automatic Optical Audio Switch

2 & 4 PORT HDMI 2.0 18G SPLITTER INCLUDING AUDIO

These compact HDMI splitters distribute a full bandwidth 4K HDMI input signal of 18G from one source to up to four HDMI displays simultaneously. The HDMI signal is sent to the target devices with a maximum resolution of 4K@60Hz including 7.1 HD digital audio signals. Support for HDCP 2.2 and HDMI 2.0 ensures that these splitters will continue to be compatible with contemporary audio and video signals. The intelligent and integrated EDID function automatically negotiates the resolution of the video output between the splitters and the displays, avoiding time consuming manual settings of EDID data and ensuring that the content is always displayed at the optimum setting. The splitters have separate audio connections that decouple the audio signal from the HDMI stream and make it available for separate optical, digital and analogue transmission. Resolution down-scaling is also supported, allowing 4K input signals to be auto-matically downscaled to Full HD signals for compatibility with older target devices. The integrated signal amplifier enables use over distances of up to 10m cable length between splitter and source. Available in the standard two port and four port versions and designed for plug & play use in professional environments.

No. 38230 – 2 Port HDMI 2.0 18G Splitter with Audio
No. 38231 – 4 Port HDMI 2.0 18G Splitter with Audio

4 PORT HDMI 2.0 18G SWITCH WITH AUDIO

This switch is a professional solution for easy and reliable switching between four HDMI source devices connected to an HDMI target device. With support for HDMI 2.0 18G signals, this switch allows the transmission of detailed 4K Ultra-HD resolutions. The additional High Dynamic Range (HDR) support ensures that video content is displayed with higher contrast between highlights and lowlights.
With HDCP 2.2 support, there are no display problems with 4K content when connecting 4K source devices. HDMI audio pass-through and a 3.5mm audio port allow separate connection of analogue sound systems and optical audio devices for multi-channel audio playback. Operation can be via the front panel and integrated IR or RS-232 control to provide flexible control anytime, anywhere. With the auto-switching option, the switch automatically switches to the first signal present, or to the active signal, or to a newly activated signal. The ideal solution for switching HDMI and stereo audio signals with multiple switching functions.

No. 38249

8 PORT + 2 SFP GIGABIT MANAGED SWITCH

This reliable 8 Port Gigabit Switch meets every requirement of network based audio visual data transmission (AV over IP) systems by adding two open SFP slots and eight RJ45 Ethernet ports to a fibre optic or copper based network infrastructure. An uplink port allows connection to another switch to bridge even greater distances and connect distant locations. The extensive Layer 2 features enable advanced network management and optimization features such as loopback detection, cable diagnostics, and IGMP snooping. IGMP snooping ensures that the switch intelligently forwards the stream to the appropriate subscribers, while IGMP throttling & filtering prevents unauthorised multicast user access at the port level. This makes the switch the perfect complementary component for any AV over IP installation when it comes to extending and distributing uncompressed audio and video signals over standard IP media in a controlled manner

No. 25047

16 PORT + 2 SFP GIGABIT MANAGED SWITCH POE

The 16 Port Gigabit Switch, optimised for network based audio visual data transmission (AV over IP) systems, features 16 RJ45 Ethernet ports and two open SFP slots to connect to the network infrastructure. Each individual 10/100/1000Mbps port is equipped with Power over Ethernet (PoE) and can provide power to up to 16 devices (up to 30KW per port) with a total output of 235W. This device feeds the power supply into the Ethernet cable without influencing the data transmission. This makes it the optimal power source for all PoE target devices with higher power requirements, regardless of any power sources that may not be available at the target location. The integrated uplink port ensures that the system can be scaled at any time, allowing even greater distances to be bridged for signal expansion and distribution. The switch also provides the tools needed to communicate (connect, configure and remotely manage) with RS-232 remote devices as well as directly connected devices. Furthermore, the integrated web interface offers efficient and reliable control performance including the possibility for Layer 2 management, such as loopback detection, cable diagnostics and IGMP snooping. Packet traffic is therefore controlled in a busy network and settings are adjusted to achieve optimum network performance. This switch is an ideal solution and the perfect technology for real-time AV streaming over IP in professional environments.

No. 25048

PRESENTATION SWITCH PRO WITH HDBaseT EXTENDER

This compact presentation switch is a versatile, professional solution for switching multiple AV source devices and outputting to a single HDMI display, while providing revolutionary audio control and superior extension of the video signal via an included HDBaseT 70m receiver. Source devices can be simply controlled with a variety of management options including Web Gui, IR and telnet control, providing the user with reliable, hassle-free access over source device switching, volume adjustment and the switch's OSD. Resolutions up to 4K@60Hz including HDR are supported, which ensures the transmission of crystal clear, detailed content. This switch also supports extensive audio options, including audio embedding, extraction and support for professional grade microphones. This ensures a more intense and interactive visual experience as well as more professional control of the audio signals. For example, the Auto-Mix, which can be used to amplify audio sources and reduce background signals. The HDBaseT Receiver provides even more flexibility. With this receiver, distances of up to 70m can be bridged to easily meet the requirements of training facilities, presentation environments or corporate training environments.

No. 38281

THE EXPANDED PORTFOLIO: THE SWITCH RANGE

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SPECIFICATIONS	MULTI-FORMAT PRESENTATION SWITCH	MULTI-FORMAT CONFERENCE TABLE PRESENTATION SWITCH	2 & 4 PORT AUTOMATIC OPTICAL AUDIO SWITCH
AV Interface	HDMI	HDMI	TosLink
Interface Standard	HDMI 2.0	HDMI 2.0	-
Supports Bandwidth	18Gbps	18Gbps	32 - 96kHz
Maximum Resolution	3840x2160@60Hz 4:4:4 8bit	3840x2160@60Hz 4:4:4 8bit	-
HDCP Support	2.2	2.2	-
Supported Audio	Audio Pass-through	Audio Pass-through	S/PDIF, 2-Channel LPCM
Separate Audio Ports	Stereo (3.5mm)	Stereo (3.5mm)	-
IR Support	-	-	-
CEC Support	Pass-Through	Pass-Through	-
Serial Interface	-	-	-
Special Features	EDID Bypass	EDID Bypass, Ethernet Pass-through	Automatic switching of active ports
CONNECTORS			
Input	HDMI (Female), Mini-DP (Female), VGA (Female), 3.5mm (Female), USB Type C (Female)	HDMI (Female), Mini-DP (Female), VGA (Female), 3.5mm (Female), USB Type C (Female), RJ45 (Female)	**2 Port**: 2 x TosLink (Optical Fibre) **4 Port**: 4 x TosLink (Optical Fibre)
Output	HDMI (Female)	HDMI (Female), RJ45 (Female)	1 x TosLink (Optical Fibre)
Control	Push Button	Push Button	-
Power	5.5/2.5mm DC socket	5.5/2.1mm DC socket	5.5/2.1mm DC socket
PHYSICAL PROPERTIES			
Dimensions (approx.) WxDxH	179x90x24mm (7.05x3.54x0.94in)	184x90x80mm (7.24x3.54x3.15in)	75x65x30mm (2.95x2.56x1.18in)
Housing Material	Metal	Metal	Plastic
Net Weight	0.409kg (0.9lb)	0.737kg (1.62lb)	**2 Port**: 0.055kg (0.12lb) **4 Port**: 0.75kg (1.65lb)
Operating Temperature	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 50°C (32°F - 122°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)	-20°C - 60°C (-4°F - 140°F)	-20°C - 70°C (-4°F - 158°F)
Humidity	0 – 60% RH (non-condensing)	0 – 60% RH (non-condensing)	20 - 80% RH (non-condensing)
Power Requirements	5VDC 3A	5VDC 3A	5VDC 1.2A
	No. 38268	**No. 38269**	**No. 70436 – 2 Port Version** **No. 70437 – 4 Port Version**

	2 & 4 PORT HDMI 2.0 18G SPLITTER WITH AUDIO	4 PORT HDMI 2.0 18G SWITCH WITH AUDIO	PRESENTATION SWITCH PRO WITH HDBaseT EXTENDER
	HDMI	HDMI	HDMI
	HDMI 2.0	HDMI 2.0	HDMI 2.0
	18Gbps	18Gbps	18Gbps
	4096x2160@60Hz 4:4:4 8bit	3840x2160@60Hz 4:4:4 8bit	3840x2160@60Hz 4:4:4 8bit
	2.2	2.2	2.2
	Audio Pass-through, LPCM 2CH, Up to 7.1CH (Optical)	Audio Pass-through, Analogue 2CH, Up to 5.1CH (Optical)	2-Channel LPCM
	3.5mm (Female), Toslink (Optical)	Stereo (3.5mm), Toslink (Optical)	Terminal Block
	-	38kHz	20-60Khz
	-	Pass-through	Pass-through
	-	RS-232 (3.5mm)	RS-232
	Downscaler Function, EDID-Emulation	Audio EDID Management Automatic switching of active ports	EDID Management, HDBaseT Extension
	HDMI Type A (Female)	4 x HDMI Type A (Female)	3 x HDMI (Female), DP (Female), VGA (Female), RJ45 (Female)
	2 Port: 2 x HDMI Type A (Female), Toslink (Optical), 3.5mm (Female) **4 Port:** 4 x HDMI Type A (Female), Toslink (Optical), 3.5mm (Female)	HDMI Type A (Female), 3.5mm (Female)	HDMI (Female), RJ45 (Female)
	-	RS-232 (3.5mm), IR (3.5mm)	Push Button, RJ45 (IP), RS-232, Terminal Block
	5.5/2.1mm	5.5/2.1mm DC Socket	5.5/2.1mm DC socket
	2 Port: 120x144x63mm (4.72x0.57x2.48in) **4 Port:** 180x144x63mm (7.09x0.57x2.48in)	180x85x11.6mm (7.09x3.35x0.46in)	220x44x150mm (8.66x1.73x5.91in)
	Metal	Metal	Metal
	2 Port: 0.04kg (0.09lb) **4 Port:** 0.122kg (0.27lb)	0.563kg (1.24lb)	0.737kg (1.62lb)
	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)
	-20°C - 60°C (-4°F - 140°F)	-20°C - 60°C (-4°F - 140°F)	-20°C - 60°C (-4°F - 140°F)
	20-90% RH (non-condensing)	20-90% RH (non-condensing)	20 – 90% RH (non-condensing)
	5VDC 1A	5VDC 1A	24VDC 1A
	No. 38230 – 2 Port Version **No. 38231 – 4 Port Version**	**No. 38249**	**No. 38281**

SPECIFICATIONS	8 PORT + 2 SFP GIGABIT MANAGED SWITCH	16 PORT + 2 SFP GIGABIT MANAGED SWITCH POE
RJ45 port standard	Gigabit 1000BaseT and 10/100 BaseTX	Gigabit 1000BaseT and 10/100 BaseTX
SFP slot standard	Gigabit Ethernet (support for legacy 100Mbits modules)	Gigabit Ethernet (support for legacy 100Mbits modules)
POE supported standard	-	IEEE 802.3at/af
Total POE Power Budget	-	235W (up to 30W per port)
Switching Capacity	20Gbps	36Gbps
MAC Table Size	8K	8K
DHCP Server	Server/Relay/Snooping	Server/Relay/Snooping
Advanced features	Jumbo packet (9.6KB), IGMP Snooping, VLAN, Voice VLAN, QoS, Virtual Stacking, Port Mirroring, Fan Speed Automatic Control	Jumbo packet (9.6KB), IGMP Snooping, VLAN, Voice VLAN, QoS, Virtual Stacking, Port Mirroring, Fan Speed Automatic Control
Control interface	WebGUI, Telnet and command line	WebGUI, Telnet and command line
19" rack mountable	Yes (kit included)	Yes (kit included)
CONNECTORS		
Copper ports	8 x RJ45	16 x RJ45
Optical ports	-	-
SFP modules slots	2 x SFP+ slots	2 x SFP+ slots
Control ports	1 x Serial RS-232 DB9	1 x Serial RS-232 RJ45
Other Ports	-	-
PHYSICAL PROPERTIES		
Dimensions (approx.) WxDxH	230x124x44mm (9.06x4.88x1.73in)	330x210x44mm (12.99x8.27x1.73in)
Housing Material	Metal	Metal
Net Weight	1.65kg (3.64lb)	2.52kg (5.56lb)
Operating Temperature	0°C - 45°C (32°F - 113°F)	0°C - 45°C (32°F - 113°F)
Storage Temperature	-20°C - 80°C (-4°F - 176°F)	-20°C - 80°C (-4°F - 176°F)
Humidity	5% – 90% (non-condensing)	5% – 90% (non-condensing)
Power Requirements	100 – 240VAC Internal Power Supply	100 – 240VAC Internal Power Supply
	No. 25047	**No. 25048**

SPECIFICATIONS	4 PORT HDMI 4K QUAD VIEW KVM SWITCH PRO
AV Interface	HDMI
Console Interfaces	USB
Interface Standard	HDMI 2.0, USB 1.1
Maximum Resolution	Input: 1920x1080@60Hz Output: 4K60Hz
HDCP Support	HDCP 1.4
Supported Audio	Stereo LPCM and Multichannel Dolby Digital, DTS, Dolby TrueHD, DTS-HD (HDMI Embedded)
Separate Audio Ports	-
Serial Interface	Yes
Console Number	1
Max Number PC/Server	4
Cascadable	Yes
Switching Method	Port Buttons, Hotkey Switching (Hotkey Configurable), Serial Interface
19" Rack Mountable	Yes (1U - Rack Mount Brackets Included)
Special Features	-

CONNECTORS	
Console Interfaces	1 x HDMI (Female), 2 x USB Type A HID (Female)
PC/Server Interfaces	4 x HDMI (Female), 4 x USB 1.1 Type B (Female)
Other Interfaces	-
Power	5.5/2.1mm DC socket

PHYSICAL PROPERTIES	
Dimensions (approx.) WxDxH	438x200x44mm (17.32x7.87x1.77in)
Housing Material	Metal
Net Weight	2.7kg (5.95lb)
Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Humidity	0% - 90% RH (non-condensing)
Power Requirements	12VDC 5A
	No. 32329

EXTENDING

We push back limits. For example, with our repeaters. They allow us to double or even triple the maximum transmission distances defined by standard cable protocols. We utilize our extender technology to implement virtually limitless connections: transmitting AV and data signals via copper lines over several hundred metres, over fibre-optic cables across multiple kilometres and, with IP, even worldwide.

SCENARIOS, PRODUCTS & TECHNICAL INFORMATION

REPEATER RANGE PAGE 26

4K HDMI & USB OVER IP EXTENDER,
RECEIVER & TRANSMITTER
No. 38266 & 7

MULTICAST EXTENDER
HDMI OVER IP

Modern digital signage AV extension environments place the highest demands on transmission quality and flexibility. These HDMI over IP extenders use the existing IP network infrastructure to offer a solution that can be flexibly scaled within varied limits. 4K AV content, USB and audio can be sent from the source device to any location in the building. Or, in one-to-many mode to up to 256 receivers per transmitter and up to 16 transmitters per network. In combination with dedicated gigabit switches, which can be connected to each other via fibre optic, for example, AV content can be distributed throughout the building and even across entire company premises – including power supply via PoE.

◄ REMOTE CONTROL KVM FULL ACCESS VIA IP NETWORK

Full KVM access to the PC system connected to the transmitter can be obtained using USB via all receivers connected with a network to a transmitter. (No. 38066) If several transmitters are present in the network, the system to be controlled can be selected via channel forwarding. In addition to keyboard and mouse, other USB devices can also be connected via the integrated USB 2.0 hub and connected to the computers to be controlled. Alternatively, AV source devices can simply be provided in the network via a transmitter. For this purpose, the unrequired USB access can then be completely deactivated. This allows large, tailor-made KVM/AV switching scenarios with matrix characteristics to be implemented over the existing IP network.

REMOTE CONNECTION FLEXIBLE VIA HDMI OR VGA ►

If HDMI is not available on a display, the video content can also be transmitted via VGA. AV content via HDMI is transmitted with a resolution up to 3840x2160p @60Hz 4:2:0, VGA content up to 1920x1200 @60Hz. The maximum usable AV bandwidth is 10.2Gbps. Both transmitter and receiver can be supplied with power via PoE, in this case no power supply units are needed on site, reducing the installation effort. Support for copy-protected content via HDCP 2.2 or 1.4 is provided, as is bidirectional transmission of analogue audio signals (mic in, line out). These can also be sent to the audio playback device on the receiver's TosLink port via fibre optic cable. This means that distributed multimedia applications with remote PC access in both HDMI and VGA scenarios are no longer subject to any limits.

NETWORK AV OVER IP

An increasing number of medium and large size installations are increasingly relying on IT-based solutions. This does not happen without good reason, as such installations can be scaled and expanded flexibly and cost efficiently with almost no effort. With such solutions, the existing network infrastructure can be used as a transmission medium. All you need is the Gigabit LAN and the corresponding transmitter or receiver hardware.
The highlight: PoE-capable hardware additionally relieves the project planner of the obligation to supply power to each individual transmitter or receiver in the form of socket installations. It is not only high resolution AV content that can be transported from A to B in this way, control signals, analogue or digital audio and even USB for the KVM control of the signalling workstation systems are also transmitted here and enable the deployment of individually tailored KVM and multimedia networks and their scaling to measure and gradual expansion as required. This means that such solutions are distinguished from conventional systems by a high level of investment security and future viability.

VIDEO WALL CREATION OVER IP
THE FUTURE OF PRESENTATION & INFORMATION SCENARIOS

High bandwidth signals are the basis for many of the worlds' most visually stunning digital signage installations. These signals require powerful devices operating behind the scenes to provide versatile control, complex distribution over long distances and the bandwidth capacities for 4K resolutions and beyond. This scenario explores how Lindy's video over IP system can be used to create and control stunning video wall systems over long distances.

In this scenario a versatile and powerful video over IP system is used to distribute 4K video from 5 media players to 16 displays arranged in a 4x4 video wall. By using this Gigabit Network Switch & Controller combination, a range of display modes and easy to use control systems are available. IP technology allows for high bandwidth signals to be sent over long distances without the need for expensive optical cabling. In this scenario IP technology is also combined with a high performance switching device to distribute signals intelligently to multiple displays in the room.

To create this video wall solution five HDMI media players, such as Blu-ray players, PCs, Android devices etc., are connected to IP transmitters using Lindy Anthra Line HDMI cables (up to 5m). By using shorter lengths of HDMI cables 4K resolutions @60Hz are supported while keeping costs low, as any distance lost between source and transmitter can be made up for with Cat.x cable later in the solution.

The IP transmitters convert HDMI signals into IP signals that can be passed through Cat.x cabling to a Lindy 8 Port Managed Gigabit Switch up to 100m metres away. Covering this distance with standard HDMI is not possible unless using hybrid fibre optic cables or fibre optic extenders, which increase the cost significantly and only allows for point to point transmission.

This versatile IP switch allows for point to multipoint distribution and allows any source device to be routed to any display, providing creative layout possibilities. Information can be presented in a variety of engaging and clear ways for audiences to interact with. This switch is combined with an IP video controller that provides a Web GUI for easy monitoring and layout switching. Signals can then be routed to specific displays instantly using either predefined layouts or layouts created on the fly.

For example, smaller video walls can be created by using some of the displays, this video wall within a video wall can then be surrounded with additional information. This can prove especially useful when large screen content such as advertisements need to be supplemented by further information from different sources.

The IP switch is then able to distribute the HDMI signals a further 100m using Cat.x cables. In this example these cables are plugged into sixteen HDMI IP receivers that can be mounted on the back of each display. These receivers convert the IP signal back into HDMI before passing the signal through another HDMI cable and into the display.

This solution utilises state-of-the-art IP technology to create a cost-effective, 4K multi-distribution video wall system with a user-friendly interface and the ability to creatively present stunning content.


LINDY
300M FIBRE OPTIC HDMI 2.0 18G EXTENDER
RECEIVER
LINK
HDCP
STATUS
POWER
LINDY
300M FIBRE OPTIC HDMI 2.0 18G EXTENDER
TRANSMITTER
POWER
STATUS
HDCP
LINK

LONG DISTANCE CALL
18G FIBRE OPTIC EXTENDER FOR HDMI 2.0

Transporting 4K content with its high bandwidth over long distances presents transmission technologies with ever new challenges and pushes conventional copper transmission media to their limits. In order to leave these limits behind, the path leads without compromise to optical signal transmission. Using the fibre optic 18G extender and a standard LC duplex cable, 4K content can be transmitted over distances of up to 300m with the highest level of detail and without interference. This makes it very easy to extend the range of high resolution AV content. Neither copy protected content or 7.1 audio causes any problems for the extender. And to ensure the control – depending on the requirements – of either the source or target device does not fall by the wayside over this distance, the signals from the IR remote controls are also transmitted bi-directionally. The enjoyment of high resolution AV content even at a great distance from the source device is now possible in the simplest way.

300M FIBRE OPTIC HDMI 2.0 18G & IR EXTENDER
No. 38174

▼ **4K REMOTE ACCESS FIBRE OPTIC – MEDIUM FOR HIGH RESOLUTION AV SIGNALS**

Optical signal transmission via fibre optic cable allows interference-free transport of uncompressed 4K signals (up to 3840x2160@60Hz, 8Bit, 4:4:4) with a bandwidth of 18Gbps over distances up to 300m. For signal transmission, a standard LC duplex cable, which is easy to install due to its small diameter, is sufficient. HDR for images with increased colour depth and contrast dynamics as well as with HDCP 2.2 or 1.4 copy-protected content are supported during signal transmission, as is EDID pass-through for a simple handshake between source and target device. HDMI-embedded audio up to 7.1 is supported for a three-dimensional sound experience and bi-directional transmission of RS-232 or IR control signals are also included in the range of functions of the Extender. This means that IR remote controls in both directions or projector control from a PC via RS-232 interface can be used without any problems.


ANNEX
BEDROOM
LOUNGE
STUDY
SPEAKERS
AV RECEIVER
50M CAT6 HDMI 2.0 & IR EXTENDER
WITH POE, TRANSMITTER
No. 38169
PC
SET TOP BOX
GAME
CONSOLE
MEDIA PLAYER
4X4 HDMI 18G
MATRIX PRO
No. 38247
300M FIBRE OPTIC HDMI 2.0 18G
EXTENDER, TRANSMITTER
No. 38174
TRANSMITTER
HDMI
ACTIVE HDMI
CATX CABLE
FIBRE OPTIC
AUDIO

LONG DISTANCE SIGNAL EXTENSION WITH MULTIPLE TECHNOLOGIES IN THE HOME. THE FUTURE OF CONNECTED HOME & OFFICE SCENARIOS.

The modern home is becoming a technology hub with devices in constant communication across multiple rooms. Centralised signal management has become a large part of the home technology experience. As more devices are added, further away from this central location, cost-efficient and versatile extenders become necessary. This scenario explores the use of four differing extension technologies from Lindy, including powerful fibre optic extenders, to distribute signals up to 300m in residential environments.

Modern residential buildings often feature multiple displays and media sources that use a variety of media signals to transmit audio and video across longer distances as annexes and outbuildings become more popular.

In this example four sources are controlled and distributed by a central matrix around a home and to an outbuilding. The four sources are connected via HDMI cables to a local 4x4 Matrix Pro which then outputs the four signals using different transmission methods for signal extension over a variety of distances. This matrix supports 4K 18G inputs and outputs to ensure that, if the source permits, the entire solution can utilise the full 18G bandwidth capacity of the latest HDMI standards.

In this scenario the matrix outputs to four different transmission technologies. The first, and simplest, of these is a standard local HDMI cable that provides the 4K connection directly over short distances to a local display. Using audio extraction, the audio signal is first routed to an amplifier before the TV so that a speaker system may be used in place of the TV's integrated speakers.

The second output from the matrix is transmitted via an 18G active HDMI cable to a room close to the location of the matrix. The third output passes through a 100m HDMI over Cat.x extender system. The transmitter unit is connected to the matrix by a simple HDMI cable before the signal is sent along inexpensive Cat.x cable to the receiver unit which is upstairs/some distance from the matrix. This receiver is placed close to another 4K display which the signal is finally sent to via HDMI cable.

The fourth, and final, output from the matrix is sent to an outbuilding, annex, pool area etc. via a fibre optic extender system that features both transmitter and receiver units. By using fibre optic cables to make this connection, large distances up to 300m can be covered using cheap, efficient and easy to install duplex fibre optic cabling. This method of signal transmission benefits from EMI & RF resistance so that other electrical cables or equipment located nearby don't cause artefacts or errors in the transmission.

The fibre optic connection allows IR signals to be sent to the display for remote control of the source while also delivering the full 18G bandwidth with no compression, ensuring content arrives at the display exactly how it left the source.

IMAGINE AN IP NETWORK AS A MULTIPLIER FOR YOUR AV CONTENT.

AV over IP is the most cost effective solution, providing unlimited scalability for transmitting AV signals over conventional IP networks. The market for IP-based AV distribution systems is booming as the number of projects that integrate AV over IP products increases. These break AV signals down into Ethernet IP packets for transmission over a network and reassemble them at the other end. As a result, regular network switches can do the work of AV or even matrix switches in large AV environments. What's more, AV over IP lends itself for directly sending control commands, KVM functionality and USB signals – making it a highly attractive option for industrial applications such as control rooms and production management. Digital signage applications and conference rooms, to mention just two of many examples, also benefit from its inherent scalability. The latter are easy to network with one another and can be quickly equipped with videophone and image display capabilities. AV transmission without limits!

EXTEND EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR REPEATER RANGE

50M CAT.6
HDMI 2.0 18G & IR EXTENDER WITH POC

This ultra compact extender set is an easy-to-use solution that allows an HDMI video and audio signal to be extended up to 50m with a single standard Cat.5e/6 network cable. For added convenience, PoC allows operation with only one power supply connected to the transmitter allowing the receiver to be installed anywhere, regardless of whether a power source is available. The HDMI 2.0 specification allows the transmission of 4K Ultra HD resolutions with additional support for High Dynamic Range content (for enhanced brightness, higher contrast of black and white and wider colour space). HDCP 2.2 compatibility ensures smooth transmission of protected 4K content. For user-oriented operation, the set transmits bi-directional infrared control signals that allow remote control of the connected peripherals at both ends of the extended link. The intelligent, integrated EDID clone function always ensures the appropriate resolution and maximum compatibility with connected target devices. This extender set can be used as a plug & play solution for any point-to-point AV application requiring high quality HDMI video signals without additional settings or programming.

No. 38169

VIDEO OVER IP
CONTROLLER

This AV controller enables IP-based video matrix switching and video wall control for 4K HDMI over IP applications. It is designed for network applications that provide browser-based control to manage network connections between source and target devices. For even more efficient management, groups of source and target devices can be formed. In addition to HDMI signals, USB signals are also extended over the IP network to an almost unlimited number of displays and video walls. The internal Web GUI interface allows users to switch from any source to any display, create presets, combine multiple receivers into a video wall, and remotely control and switch video wall zones. As another control option, an HDMI display and USB peripheral can also be connected directly to control the interface without a PC. Because this solution is based on IP technology, there are no port restrictions and hundreds of individual displays and video walls can be supported. The PoE Gigabit interface allows installation without using the included power supply. This fast and easy to install controller combines signal distribution over IP and flexible matrix switching with impressive and cost-effective video wall control to establish point-to-point (unicast) and multi-to-multi (multicast) routing selection procedures. To establish a unique management environment with identical interfaces, this controller has been specifically designed to work perfectly with the 4K HDMI & USB Over IP Extender (TX: No. 38266 and RX: No. 38277).

No. 38263

50M CAT.6
4X4 HDMI & IR MATRIX EXTENDER

The 4x4 Matrix Extender is a solution that allows signals from four separate source devices to be extended over a distance of up to 50m to four displays using four separate receivers and one Cat.6 cable each. The matrix switching function allows each target device to output each of the sources and also to switch between the sources at any time. Each of the four output ports on the transmitter can be mirrored simultaneously to a local HDMI port - ideal for monitoring or establishing a secondary, local viewing zone. PoC allows operation with only one power supply on the matrix, allowing the receivers to be installed anywhere, regardless of whether power connections are available. In addition to extending HDMI signals, the matrix also supports control via RS-232 and TCP/IP signals, while the integration of IR allows control of the source device using a remote control from the receiver-side. Resolutions up to Full HD 1920x1080@60Hz 4:4:4 8Bit are supported, including 3D, Deep Colour, 7.1 Audio with DTS-HD and Dolby TrueHD. The slim design, extensive features and intelligent, integrated EDID cloning function ensure the appropriate resolution and maximum compatibility with connected target devices.

No. 38154

THE EXPANDED PORTFOLIO: THE REPEATER RANGE

Choose from our comprehensive product portfolio for extending AV signals in diverse ways – find a tailored solution for each of your needs at a glance. This gives you the information required to respond easily, flexibly and economically to requirements as they change from day to day – now and in the future.

SPECIFICATIONS	4K HDMI & USB OVER IP EXTENDER - TRANSMITTER	4K HDMI & USB OVER IP EXTENDER - RECEIVER	VIDEO OVER IP CONTROLLER
AV Interface	HDMI & VGA	HDMI & VGA	HDMI
Console Interface	USB	USB	USB
Interfaces Standard	HDMI 2.0, USB (HID) and USB 2.0	HDMI 2.0, USB (HID) and USB 2.0	HDMI 2.0, USB (HID)
Supported Bandwidth	10.2Gbps	10.2Gbps	10.2Gbps
Maximum Distance	100m (393.7ft) (Point to Point)	100m (393.7ft) (Point to Point)	100m (393.7ft) (Point to Point)
Maximum Resolution	3840x2160 60Hz 4:2:0 8bit (VGA Max 1920x1200 60Hz)	3840x2160 60Hz 4:2:0 8bit (VGA Max 1920x1200 60Hz)	1080p60 (Console port only)
HDCP Support	HDCP 1.4 and 2.2	HDCP 1.4 and 2.2	-
Supported Audio	Audio supported over HDMI signal and 2 analogue bidirectional (1 x Audio and 1 x Microphone)	Audio supported over HDMI signal and 2 analogue bidirectional (1 x Audio and 1 x Microphone)	-
Separate Audio Ports	2 x 3.5mm (Female)	2 x 3.5mm (Female), 1 x SPDIF Optical	-
Special Features	Video Wall Function (up to 16x16 screens), VGA Input & Output support (max. resolution 1920x1440), Bidirectional IR and Serial RS-232 Extension	Video Wall Function (up to 16x16 screens), VGA Input & Output support (max. resolution 1920x1440), Bidirectional IR and Serial RS-232 Extension	-
CONNECTORS			
Transmitter KVM Interfaces	HDMI (Female), 2 x VGA (Female), 1 x USB 2.0 Type B (Female), 2 x 3.5mm Audio (Female)	-	HDMI (Female), 1x USB Type A (Female)
Transmitter Extension Port	RJ45 Gigabit Ethernet (PoE support)	-	-
Receiver Console Interface	-	HDMI (Female), 2 x VGA (Female), 2 x USB 2.0 Type A (Female), 2 x USB HID Type A (Female), 2 x 3.5mm Audio (Female)	-
Receiver Extension Port	-	RJ45 Gigabit Ethernet (PoE support)	-
Bidirectonal Ports	1 x DB9 (Male) for RS-232	1 x DB9 (Male) for RS-232	-
Other Interfaces	2 x 3.5mm (Female) for bidirectional IR	2 x 3.5mm (Female) for bidirectional IR, 1 x SPDIF Optical for Digital Audio, 2 x RJ45 Ethernet Ports	1 x RJ45 Gigabit POE, 1 x RJ45 Gigabit, 1 x RS-232 (3 pin terminal block), 8 x Trigger Contacts (10 pin terminal block), 1 x Factory Reserved Connector (5 pin terminal block)
Power	5.5/2.1 mm DC socket	5.5/2.1 mm DC socket	5.5/2.1 mm DC socket
PHYSICAL PROPERTIES			
Dimensions (approx.) WxDxH	232x25x108mm (9.13x0.98x4.25in)	232x25x108mm (9.13x0.98x4.25in)	232x25x108mm (9.13x0.98x4.25in)
Housing Material	Metal	Metal	Metal
Net Weight	0.67kg (1.48lb)	0.67kg (1.48lb)	0.25kg (0.55lb)
Operating Temperature	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)	-20°C - 60°C (-4°F - 140°F)	-20°C - 60°C (-4°F - 140°F)
Humidity	20 - 90% RH (non-condensing)	20 - 90% RH (non-condensing)	20 - 90% RH (non-condensing)
Power Requirements	5VDC 2.4A	5VDC 4A	5VDC 2.6A
	No. 38266	**No. 38267**	**No. 38263**

SPECIFICATIONS	50M CAT.6 HDMI 2.0 18G & IR EXTENDER WITH POC	300M FIBRE OPTIC HDMI 2.0 18G & IR EXTENDER	50M CAT.6 4X4 HDMI & IR MATRIX EXTENDER
AV Interface	HDMI	HDMI	HDMI
Interface Standard	HDMI 2.0 18G	HDMI 2.0	HDMI 1.4
Supported Bandwidth	18Gbps	18Gbps	4.95Gbps
Maximum Distance	50m (164.04ft) – Cat.6/7, 30m (98.42ft)– Cat.5e	300m (984.24ft)	50m (164.04ft) - 1920x1080@60Hz 4:4:4 8bit Cat.6
Maximum Resolution	3840x2160@60Hz 4:4:4 8bit	3840x2160@60Hz 4:4:4 8bit	1920x1080@60Hz 4:4:4 8bit
HDCP Support	Pass-through	Pass-through	HDCP 1.3
EDID Pass Through	Pass-through	Pass-through	Preset, Cloning Function
Supported Audio	Up to 7.1 (Pass-through)	Pass-through	Up to 7.1 (Pass-through)
IR Support	-	< 100kHz	20-60 kHz
CEC Support	20-60KHz	-	-
Serial Interface	Pass-through	RS-232 (Bi-directional)	-
Transmission Medium	1 x Cat.5e/6	1 x Duplex LC (50/125µm)	1 x Cat.6 (per receiver)
Wavelength (only for Fibre)	-	850nm (with supplied SFP+ module)	-
Chipset	Maxim 3815A	SiFotonics SD1503/SD1513	-
Special Features	PoC (Power over Cat..6) Bi-directional IR	Auto Laser Disabling Function	RS-232 & Telnet Control, Bi-directional IR, Mirrored HDMI Outputs, Power over Cat.6
CONNECTORS			
Transmitter Input	HDMI (Female), IR (Female)	HDMI Type A (Female)	4 x HDMI (Female), 1 x IR (Female)
Transmitter Output	RJ45 (Female), IR (Female)	Duplex LC	4 x RJ45 (Female), 4 x HDMI (Female), 4 x IR (Female)
Receiver Input	RJ45 (Female), IR (Female)	Duplex LC	RJ45 (Female), IR (Female)
Receiver Output	HDMI (Female), IR (Female)	HDMI Type A (Female)	HDMI (Female)
Bidirectonal Ports	-	RS-232 (Terminal Blocks), IR (Female)	Telnet RJ45 (Female), RS-232 9D
Power	5.5/2.1mm	5.5/2.5mm DC Socket	5.5/2.1mm DC socket
PHYSICAL PROPERTIES			
Dimensions (approx.) WxDxH	Transmitter: 68.5x82.6x19mm (2.7x3.25x0.75in) Receiver: 68.5x82.6x19mm (2.7x3.25x0.75in)	Transmitter: 150x20x74.4mm (5.91x0.79x2.93in) Receiver: 150x20x74.4mm (5.91x0.79x2.93in)	Transmitter: 440x200x45mm (17.32x7.87x1.77in) Receiver: 57x67x16mm (2.24x2.64x0.63in)
Housing Material	Metal	Metal	Metal
Net Weight	Transmitter: 0.14kg (0.31lb) Receiver: 0.14kg (0.31lb)	Transmitter: 0.3kg (0.66lb) Receiver: 0.3kg (0.66lb)	Transmitter: 2.243kg (4.94lb) Receiver: 0.125kg (0.28lb) per unit
Operating Temperature	0°C - 45°C (32°F - 113°F)	0°C - 45°C (32°F - 113°F)	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 85°C (-4°F - 185°F)	-20°C - 70°C (-4°F - 158°F)	-20°C - 60°C (-4°F - 140°F)
Humidity	0-55% RH (non-condensing)	10 - 90% RH (non-condensing)	20-90% RH (non-condensing)
Power Requirements	12VDC 2A	12VDC 0.5A	Transmitter: 12VDC 2.5A, Receiver: -
	No. 38169	**No. 38174**	**No. 38154**

CONNECTING

Our special strength is long distance transmission of signals with high resolution and bandwidth. And our large selection of cables and adapters isn't limited to standard lengths for specified maximum distances. We apply our expertise to supply extra long distance cables that redefine possibilities.

SCENARIOS, PRODUCTS & TECHNICAL INFORMATION

CONNECT EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR PRO AV ACTIVE CABLE RANGE

ACTIVE MINI DISPLAYPORT TO HDMI CABLE

These active cables connect source devices with a Mini DisplayPort output to a 4K 60Hz HDMI display or projector. These cables convert single and dual-mode Mini-DisplayPort output signals to increase compatibility with the most popular graphics cards. They also support AMD Eyefinity technology, providing a cost effective way of generating non-standard aspect ratios or creating a UHD video wall consisting of 3 or more displays. This technology also allows multiple applications to run simultaneously on multiple displays, increasing productivity in the workplace. The Mini DisplayPort HDMI cable is the perfect solution for video and music data transmission and ideal for connecting an Apple notebook to an HDTV display.

No. 40910 – 0.5m Active Mini DisplayPort to HDMI Cable
No. 40911 – 1m Active Mini DisplayPort to HDMI Cable
No. 40912 – 2m Active Mini DisplayPort to HDMI Cable
No. 40913 – 3m Active Mini DisplayPort to HDMI Cable

ACTIVE DISPLAYPORT TO HDMI CABLE

These active DisplayPort to HDMI adapter cables allow the professional connection of a 4K@60Hz HDMI display or projector to a source device with a DisplayPort output. These cables convert single and dual-mode DisplayPort output signals to increase compatibility with the most popular graphics cards. Using AMD Eyefinity technology, they provide a cost-effective method of generating non-standard aspect ratios or creating UHD video walls consisting of 3 or more displays. This technology also allows multiple applications to run simultaneously on multiple displays, increasing user productivity. With its reliable, high-quality design, this cable can be used in all professional environments.

No. 40914 – 0.5m Active DisplayPort to HDMI Cable
No. 40915 – 1m Active DisplayPort to HDMI Cable
No. 40916 – 2m Active DisplayPort to HDMI Cable
No. 40917 – 3m Active DisplayPort to HDMI Cable

CONNECTORS	ACTIVE MINI DISPLAYPORT TO HDMI CABLE	ACTIVE DISPLAYPORT TO HDMI CABLE
Connector A	Mini DisplayPort Male	DisplayPort Male
Connector B	HDMI Type A Male	HDMI Type A Male
Housing Material	ABS	ABS
Connector Plating	24K Gold 1µm	24K Gold 1µm
Pin Construction	Brass	Brass
Pin Plating	24K Gold 3µm	24K Gold 3µm
Dimensions (approx.) WxDxH	Mini DisplayPort: 11.7x18.7x9.2mm (0.46x0.74x0.36in) HDMI: 21.7x45x12mm (0.85x1.77x0.47in)	DisplayPort: 19x36.5x11mm (0.75x1.44x0.43in) HDMI: 21.7x45x12mm (0.85x1.77x0.47in)
CABLE CONSTRUCTION		
Standard	HDMI 2.0, Mini DisplayPort 1.2	HDMI 2.0, DisplayPort 1.2
Colour	Black	Black
Type	Round	Round
Jacket Diameter	5mm (0.2in)	5mm (0.2in)
Jacket Material	PVC	PVC
Conductor Material	Tinned copper	Tinned copper
Conductor Gauge	32AWG	32AWG
Shielding	Copper braid, 85% coverage	Copper braid, 85% coverage
SPECIFICATIONS		
Supported Bandwidth	18Gbps	18Gbps
Maximum Resolution	4096x2160@60Hz 4:4:4 8bit	4096x2160@60Hz 4:4:4 8bit
Nominal Attenuation	-12dB@825-2475MHz -20dB@ 2475-4125MHz -25dB@4125-5100MHz	-5dB@0.3-825MHz -12dB@825-2475MHz -20dB@ 2475-4125MHz -25dB@4125-5100MHz
Minimum Bend Radius	60mm (2.36in)	60mm (2.36in)
Operating Temperature	-20°C - 80°C (-4°F - 176°F)	-20°C - 80°C (-4°F - 176°F)
Storage Temperature	-25°C - 85°C (-13°F - 185°F)	-25°C - 85°C (-13°F - 185°F)
	No. 40910 – 0.5m (1.64ft) **No. 40911 – 1m (3.28ft)** **No. 40912 – 2m (6.56ft)** **No. 40913 – 3m (9.84ft)**	**No. 40914 – 0.5m (1.64ft)** **No. 40915 – 1m (3.28ft)** **No. 40916 – 2m (6.56ft)** **No. 40917 – 3m (9.84ft)**

LINDY CABLE LINES – AUDIO

3.5MM AUDIO CABLE, CROMO LINE

These Cromo Line 3.5mm audio cables (plug to plug) are high quality, flexible cables for connection to Hi-Fi and audio equipment. These cables have an excellent cable construction with 24K gold plated contacts for optimum conductivity and protection against corrosion. Each cable is 100% tested for reliable performance. The cables are PVC-free and comply with all EU regulations to reduce the use of PVC. The cable construction is halogen-free using TPE (Thermoplastic Elastomers) for the cable sheath and nylon insulation for the inner conductors. These 3.5mm Lindy audio cables are ideal for connecting portable audio devices to an aux port on amplifiers or speakers.

No. 35320 – 0.5m 3.5mm Audio Cable, Cromo Line
No. 35321 – 1m 3.5mm Audio Cable, Cromo Line
No. 35322 – 2m 3.5mm Audio Cable, Cromo Line
No. 35323 – 3m 3.5mm Audio Cable, Cromo Line
No. 35324 – 5m 3.5mm Audio Cable, Cromo Line
No. 35325 – 10m 3.5mm Audio Cable, Cromo Line

CONNECTORS	3.5MM AUDIO CABLE, CROMO LINE
Connector A	3.5mm Male
Connector B	3.5mm Male
Housing Material	Brass with Copper Shell
Connector Plating	Chrome Plating
Pin Construction	Brass
Pin Plating	Gold Plated Flash
Dimensions (approx.) WxDxH	6x16.7x6 mm (0.24x0.66in)

CABLE CONSTRUCTION	
Type	Round
Jacket Diameter	3mm (0.12in)
Jacket Material	Thermoplastic Elastomers
Conductor Material	Copper
Conductor Gauge	28AWG
Shielding	-

SPECIFICATIONS	
Minimum Bend radius	30mm (1.18in)
Operating Temperature	-20°C - 80°C (-4°F - 176°F)
Storage Temperature	-25°C - 85°C (-13°F - 185°F)

No. 35320 – 0.5m (1.64ft)
No. 35321 – 1m (3.28ft)
No. 35322 – 2m (6.56ft)
No. 35323 – 3m (9.84ft)
No. 35324 – 5m (16.4ft)
No. 35325 – 10m (32.81ft)

LINDY CABLE LINES – AUDIO

3.5MM AUDIO EXTENSION CABLE, CROMO LINE

These Cromo Line 3.5mm extension cables (plug to socket) are high quality cables for use with Hi-Fi and audio equipment. These cables feature excellent cable construction with 24K gold plated contacts for optimum conductivity and protection against corrosion. The cables are PVC-free and comply with EU regulations to reduce the use of PVC. The cable construction is halogen-free using TPE (Thermoplastic Elastomers) for the cable sheath and nylon insulation for the inner conductors. These extension cables are highly flexible and made from high quality materials, perfect for extending headphone or PC speaker cables. They are designed to be used with recessed ports, such as smartphone covers.

No. 35326 – 0.5m 3.5mm Audio Extension Cable, Cromo Line
No. 35327 – 1m 3.5mm Audio Extension Cable, Cromo Line
No. 35328 – 2m 3.5mm Audio Extension Cable, Cromo Line
No. 35329 – 3m 3.5mm Audio Extension Cable, Cromo Line
No. 35330 – 5m 3.5mm Audio Extension Cable, Cromo Line
No. 35331 – 10m 3.5mm Audio Extension Cable, Cromo Line

CONNECTORS	3.5MM EXTENSION AUDIO CABLE, CROMO LINE
Connector A	3.5mm Male
Connector B	3.5mm Female
Housing Material	Brass with Copper Shell
Connector Plating	Chrome Plating
Pin Construction	Brass
Pin Plating	Gold Plated Flash
Dimensions (approx.) WxDxH	Connector A: 6x16.7x6mm (0.24x0.66in) Connector B: 6.9x24x6.9mm (0.27x0.94in)

CABLE CONSTRUCTION	
Type	Round
Jacket Diameter	3mm (0.12in)
Jacket Material	Thermoplastic Elastomers
Conductor Material	Copper
Conductor Gauge	28AWG
Shielding	-

SPECIFICATIONS	
Minimum Bend radius	30mm (1.18in)
Operating Temperature	-20°C - 80°C (-4°F - 176°F)
Storage Temperature	-25°C - 85°C (-13°F - 185°F)

No. 35326 – 0.5m (1.64ft)
No. 35327 – 1m (3.28ft)
No. 35328 – 2m (6.56ft)
No. 35329 – 3m (9.84ft)
No. 35330 – 5m (16.4ft)
No. 35331 – 10m (32.81ft)

LINDY CABLE LINES – AUDIO

3.5MM TO PHONO AUDIO CABLE, CROMO LINE

These Cromo Line 3.5mm to Phono (plug to Dual Phono plug) cables are the high quality solution for connecting to Hi-Fi and audio equipment. These cables feature excellent construction with 24K gold plated contacts for optimum conductivity and protection against corrosion. Each cable is 100% tested for reliable performance. These cables are PVC-free and comply with EU regulations to reduce the use of PVC. The cable construction is halogen-free using TPE (Thermoplastic Elastomers) for the cable sheath and nylon insulation for the inner conductors. These 3.5mm phono cables are ideal for connecting all playback devices with a 3.5mm audio jack, such as desktop PCs, displays, amplifiers, etc.

No. 35332 – 0.5m 3.5mm to Phono Audio cable, Cromo Line
No. 35333 – 1m 3.5mm to Phono Audio cable, Cromo Line
No. 35334 – 2m 3.5mm to Phono Audio cable, Cromo Line
No. 35335 – 3m 3.5mm to Phono Audio cable, Cromo Line
No. 35336 – 5m 3.5mm to Phono Audio cable, Cromo Line
No. 35337 – 10m 3.5mm to Phono Audio cable, Cromo Line

CONNECTORS	3.5MM TO PHONO AUDIO CABLE, CROMO LINE
Connector A	3.5mm Male
Connector B	2xPhono (RCA) Male
Housing Material	Brass with Copper Shell
Connector Plating	Chrome Plating
Pin Construction	Brass
Pin Plating	Gold Plated Flash
Dimensions (approx.) WxDxH	Connector A: 6x16.7x6mm (0.24x0.66in) Connector B: 10.4x25x10.4mm (0.41x0.98in)

CABLE CONSTRUCTION	
Type	Round
Jacket Diameter	3mm (0.12in)
Jacket Material	Thermoplastic Elastomers
Conductor Material	Copper
Conductor Gauge	28AWG
Shielding	-

SPECIFICATIONS	
Minimum Bend radius	30mm (1.18in)
Operating Temperature	-20°C - 80°C (-4°F - 176°F)
Storage Temperature	-25°C - 85°C (-13°F - 185°F)

No. 35332 – 0.5m (1.64ft)
No. 35333 – 1m (3.28ft)
No. 35334 – 2m (6.56ft)
No. 35335 – 3m (9.84ft)
No. 35336 – 5m (16.4ft)
No. 35337 – 10m (32.81ft)

LINDY CABLE LINES – AUDIO

DIGITAL COAXIAL AUDIO CABLE, CROMO LINE

These digital (coaxial) Cromo Line audio cables are high quality, flexible cables for connection to Hi-Fi and audio equipment. These cables feature excellent construction with 24K gold-plated contacts for optimum conductivity and protection against corrosion. The cables are PVC-free and comply with EU regulations to reduce the use of PVC. The cable structure is halogen-free using TPE (Thermoplastic Elastomers) for the cable sheath and nylon insulation for the inner conductors. These digital audio cables are ideal for use with digital audio devices such as displays, PCs or digital signage players to connect to surround sound setups, AV amplifiers or other audio-video target devices.

No. 35338 – 0.5m Digital Coaxial Audio Cable, Cromo Line
No. 35339 – 1m Digital Coaxial Audio Cable, Cromo Line
No. 35340 – 2m Digital Coaxial Audio Cable, Cromo Line
No. 35341 – 3m Digital Coaxial Audio Cable, Cromo Line
No. 35342 – 5m Digital Coaxial Audio Cable, Cromo Line
No. 35343 – 10m Digital Coaxial Audio Cable, Cromo Line

CONNECTORS	DIGITAL COAXIAL AUDIO CABLE, CROMO LINE
Connector A	3.5mm Male
Connector B	2xPhono (RCA) Male
Housing Material	Brass with Copper Shell
Connector Plating	Chrome Plating
Pin Construction	Brass
Pin Plating	Gold Plated Flash
Dimensions (approx.) WxDxH	Connector A: 6x16.7x6mm (0.24x0.66in) Connector B: 10.4x25x10.4mm (0.41x0.98in)

CABLE CONSTRUCTION	
Type	Round
Jacket Diameter	3mm (0.12in)
Jacket Material	Thermoplastic Elastomers
Conductor Material	Copper
Conductor Gauge	28AWG
Shielding	-

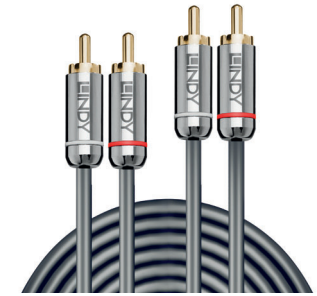
SPECIFICATIONS	
Minimum Bend radius	30mm (1.18in)
Operating Temperature	-20°C - 80°C (-4°F - 176°F)
Storage Temperature	-25°C - 85°C (-13°F - 185°F)
	No. 35338 – 0.5m (1.64ft) **No. 35339 – 1m (3.28ft)** **No. 35340 – 2m (6.56ft)** **No. 35341 – 3m (9.84ft)** **No. 35342 – 5m (16.4ft)** **No. 35343 – 10m (32.81ft)**

LINDY CABLE LINES – AUDIO

DUAL PHONO AUDIO CABLE, CROMO LINE

These Cromo Line Dual Phono audio cables are high quality, flexible cables for connection to Hi-Fi and audio equipment. These cables feature excellent construction with 24K gold plated contacts for optimum conductivity and protection against corrosion. Each cable is 100% tested for reliable performance. The cables are PVC-free and comply with EU regulations to reduce the use of PVC. The cable construction is halogen-free using TPE (Thermoplastic Elastomers) for the cable sheath and nylon insulation for the inner conductors. These Dual Phono audio cables are ideal for use with Hi-Fi devices or sound bars in conjunction with displays. With these cables the audio signal of an audio/video device can be extended with a single cable up to a length of 10m.

No. 35344 – 0.5m Dual Phono Audio Cable, Cromo Line
No. 35345 – 1m Dual Phono Audio Cable, Cromo Line
No. 35346 – 2m Dual Phono Audio Cable, Cromo Line
No. 35347 – 3m Dual Phono Audio Cable, Cromo Line
No. 35348 – 5m Dual Phono Audio Cable, Cromo Line
No. 35349 – 10m Dual Phono Audio Cable, Cromo Line



CONNECTORS	DUAL PHONO AUDIO CABLE, CROMO LINE
Connector A	2xPhono (RCA) Male
Connector B	2xPhono (RCA) Male
Housing Material	Brass with Copper Shell
Connector Plating	Chrome Plating
Pin Construction	Brass
Pin Plating	Gold Plated Flash
Dimensions (approx.) WxDxH	10.4x25x10.4 mm (0.41x0.98in)

CABLE CONSTRUCTION	
Type	Round
Jacket Diameter	3mm (0.12in)
Jacket Material	Thermoplastic Elastomers
Conductor Material	Copper
Conductor Gauge	28AWG
Shielding	-

SPECIFICATIONS	
Minimum Bend radius	30mm (1.18in)
Operating Temperature	-20°C - 80°C (-4°F - 176°F)
Storage Temperature	-25°C - 85°C (-13°F - 185°F)

No. 35344 – 0.5m (1.64ft)
No. 35345 – 1m (3.28ft)
No. 35346 – 2m (6.56ft)
No. 35347 – 3m (9.84ft)
No. 35348 – 5m (16.4ft)
No. 35349 – 10m (32.81ft)

INTEGRATION IS THE POWER TO CONNECT WHAT IS SEEMINGLY SEPARATE.

Information and media are merging. With a consistent focus on new technologies, the global AV market is expanding at double-digit rates. Displays have become indispensable for use as advertising media or signs in heavily trafficked public areas at the point of sale. Especially in environments of this sort, these technologies are fast becoming the standard. Ideas, content and space are fusing to form an integrated whole. And flexible, dynamic distribution of content is key. In these contexts, it's essential to dependably and concurrently deliver up-to-date content and information at multiple locations 24/7. This is spawning increasingly complex approaches and more diverse technologies for distributing AV content from multiple sources across large distances to one or more target devices in large scale installations.

CONNECT EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR WALL CONNECTION PLATES

WALL CONNECTION PLATES

With these versatile and future-proof wall connection plates, video, audio and computer control connections can be easily integrated into a flush-mounted wall or duct box. They enable organized, attractive and almost invisible transmission of video and audio signals by being installed in the appropriate places in the room and connected to each other with the respective fixed connection cable, as the cable fly-leads with the required sockets are located at the rear. This makes wall cable installation possible for almost anyone, as the conventional connection cables are laid in the wall and soldering or clamping with special parts is not necessary. The integrated control connections comply with the latest standards and are also backward compatible with all older specifications, ensuring optimum signal transmission performance. They are also suitable for use alongside the current flush-mounted sockets of leading manufacturers. These connection plates are extremely robust, space-saving solutions with precisely fitting plugs and couplings with a wide range of connection options for fixed installations in retail outlets, meeting rooms or in home cinemas.

No. 60214 – VGA Wall Connection Plate, Metal
No. 60215 – HDMI Wall Connection Plate, Metal
No. 60216 – VGA, HDMI, USB and Audio Wall Mount Plate, Metal
No. 60217 – HDMI, DP and USB Wall Connection Plate, Metal

SPECIFICATIONS	VGA WALL CONNECTION PLATE, METAL
AV Interface	VGA
Interface Standard	VGA
Supported Bandwidth	4.95Gbps
Maximum Resolution	1920x1200@60Hz
HDCP Support	-
EDID Pass Through	Pass-through
Supported Audio	-
Separate Audio Ports	-
Special Features	-

CONNECTORS	
Connector	VGA (Female)
Trailing Lead Connector	VGA (Female)
Trailing Lead Length	200mm (7.87in)

PHYSICAL PROPERTIES	
Dimensions (approx.) WxDxH	85x25x85mm (3.35x0.98x3.35in)
Housing Material	Stainless Steel
Net Weight	0.12kg (0.26lb)
Operating Temperature	-25°C - 40°C (-13°F - 104°F)
Storage Temperature	-20°C - 85°C (-4°F - 185°F)
Humidity	10 - 95% RH (Non-condensing)
	No. 60214

	HDMI WALL CONNECTION PLATE, METAL	VGA, HDMI, USB AND AUDIO WALL MOUNT PLATE, METAL	HDMI, DP AND USB WALL CONNECTION PLATE, METAL
	HDMI	HDMI VGA	HDMI, DisplayPort
	HDMI 2.0	HDMI 2.0, VGA	HDMI 2.0, DisplayPort 1.2
	18Gbps	HDMI: 18Gbps VGA: 4.95Gbps	HDMI: 18Gbps DisplayPort: 21.6Gbps
	3840x2160@60Hz 4:4:4 8bit	HDMI: 3840x2160@60Hz 4:4:4 8bit VGA: 1920x1200@60Hz	3840x2160@60Hz 4:4:4 8bit
	Pass-through	Pass-through	Pass-through
	Pass-through	Pass-through	Pass-through
	Pass-through	HDMI: Pass-through 3.5mm: Analogue Audio	Pass-through
	-	3.5mm (Female)	-
	-	-	-
	HDMI Type A (Female)	HDMI Type A (Female), VGA (Female), 3.5mm (Female), USB Type B (Female)	HDMI Type A (Female), DisplayPort (Female), USB Type B (Female)
	HDMI Type A (Female)	HDMI Type A (Female), VGA (Female), 3.5mm (Female), USB Type A (Female)	HDMI Type A (Female), DisplayPort (Female), USB Type A (Female)
	200mm (7.87in)	200mm (7.87in)	200mm (7.87in)
	85x25x85mm (3.35x0.98x3.35in)	85x25x85mm (3.35x0.98x3.35in)	85x25x85mm (3.35x0.98x3.35in)
	Stainless Steel	Stainless Steel	Stainless Steel
	0.12kg (0.26lb)	0.18kg (0.4lb)	0.18kg (0.4lb)
	-25°C - 40°C (-13°F - 104°F)	-25°C - 40°C (-13°F - 104°F)	-25°C - 40°C (-13°F - 104°F)
	-20°C - 85°C (-4°F - 185°F)	-20°C - 85°C (-4°F - 185°F)	-20°C - 85°C (-4°F - 185°F)
	10 - 95% RH (Non-condensing)	10 - 95% RH (Non-condensing)	10 - 95% RH (Non-condensing)
	No. 60215	**No. 60216**	**No. 60217**

CONVERTING

To allow devices to communicate with one another, it's necessary to convert a wide range of protocols between different interfaces. Thanks to our many years of experience, we are thoroughly familiar with protocol converters of this kind and rely exclusively on the latest technologies to ensure that our customers benefit from the best possible solutions.

SCENARIOS, PRODUCTS & TECHNICAL INFORMATION

CONNECT EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR DONGLE RANGE

VGA TO DISPLAYPORT CONVERTER

This active converter connects modern digital DisplayPort target devices to existing VGA source devices by converting VGA signals, at resolutions up to Full HD 1080p, to DisplayPort signals. Power is supplied via the signal source's USB port without the need for an external power supply - a solution that requires minimal space. An additional 3.5mm VGA audio port allows audio to be embedded into the DisplayPort to provide 2-channel stereo for a combined viewing and listening experience. It is the ideal mobile solution for displaying user generated content in conference or training rooms to respond flexibly to existing infrastructure. The converter can also be used to expand the desktop with a second display.

No. 38296

CONNECTORS	VGA TO DISPLAYPORT CONVERTER
Connector A	VGA Male, 3.5mm Male Stereo Audio, USB Type A Male (Power)
Connector B	DisplayPort Female
Housing Material	Aluminium
Connector Plating	Nickel
Pin Construction	Phosphor Bronze
Pin Plating	Nickel
Dimensions (approx.) WxDxH	284x50x193mm (11.18x1.97x7.6in)

CABLE CONSTRUCTION	
Standard	-
Type	Round
Jack Diameter	6mm (0.24in)
Jack Material	PVC
Conductor Material	Tinned Copper
Conductor Gauge	28AWG
Shielding	Aluminium Braid + Mylar

SPECIFICATIONS	
Supported Bandwidth	4.95 Gbps
Maximum Resolution	1920x1080@60Hz 12bit
Nominal Attenuation	300kHz-825MHz <5dB 825MHz-2.475GHz 5dB-12dB 2.475GHz-4.125GHz 12dB-20dB 4.125GHz-5.1GHz 20dB-25dB
Minimum Bend Radius	-
Operating Temperature	0°C - 70°C (32°F - 158°F)
Storage Temperature	-10°C - 80°C (14°F - 176°F)
ATC Approved	-

No. 38296

HDMI 2.0 TO DISPLAYPORT 1.2 CONVERTER

This compact converter is specially designed to convert 18G HDMI 2.0 signals to DisplayPort 1.2 signals and to optionally separate audio into high quality stereo analogue or digital SPDIF audio signals. The converter is ideal for demanding applications where high bandwidth conversion is required, such as when source devices do not have native DisplayPort output support. The converter supports resolutions up to 4096x2160@60Hz. EDID management also offers the option to set the source device to resolutions of 3840x2160@60Hz or 30Hz and 1080p@60Hz to avoid compatibility issues - perfect for easy plug & play installation and immediate use.

No. 38180

SPECIFICATIONS	HDMI 2.0 TO DISPLAYPORT 1.2 CONVERTER
AV Interface	HDMI to DisplayPort
Interface Standard	HDMI 2.0, DisplayPort 1.2
Supported Bandwidth	18Gbps
Maximum Input Resolution	4096x2160@60Hz 4:4:4 8bit
Maximum Output Resolution	4096x2160@60Hz 4:4:4 8bit
HDCP Support	2.2
Supported Audio	PCM, Dolby, DTS
Separate Audio Ports	SPDIF (RCA), 3.5mm Stereo
Special Features	-

CONNECTORS	
Input	1 x HDMI Female
Output	1 x DisplayPort Female, 1 x 3.5mm Stereo Audio, 1 x SPDIF (RCA)
Power	5.5/2.1mm

PHYSICAL PROPERTIES	
Dimensions (approx.) WxDxH	112x92x23mm (4.41x3.62x0.91in)
Housing Material	Metal
Net Weight	0.626kg (1.38lb)
Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Humidity	20-90% RH (non-condensing)
Power Requirements	5VDC 2A
	No. 38180

DISPLAYPORT 1.2 EDID EMULATOR

This DisplayPort 1.2 EDID emulator has been specially designed for applications where reliable EDID availability must be guaranteed. It stores and emulates the EDID of a display so that signal sources do not switch off or change the signal even in the event of a fault - ideal for applications in conjunction with AV/KVM extenders, switches or splitters. Adapters such as these are also used in IP solutions to permanently simulate the connection of a display to the graphics cards of a PC or server for remote control. With a maximum resolution of 3840x2160@60Hz (via cloning) including HDCP 2.2 and DPCP pass-through, it is suitable for all Ultra HD 4K devices and displays.

No. 32116

SPECIFICATIONS	DISPLAYPORT 1.2 EDID EMULATOR
AV Interface	DisplayPort
Interface Standard	1.2
Supported Bandwidth	21.6Gbps
Maximum Resolution	3840x2160@60Hz 4:4:4 8Bit
Video EDID	640x480p@60Hz 800x600p@60Hz 1024x768p@60Hz 1280x720p@60Hz 1280x960p@60Hz 1280x1024p@60Hz 1440x900p@60Hz 1680x1050p@60Hz 1920x1080p@60Hz 1920x1200@60Hz 2560x1440p@60Hz 2560x1600p@60Hz 3840x2160p@24Hz, 3840x2160p@30Hz, 3840x2160@60Hz
Audio EDID	LPCM 2-channel, 16/20/24 bit depths at 32/44.1/48 kHz
HDCP Support	1.3
Special Features	-

CONNECTORS	
Input	DisplayPort Male
Output	DisplayPort Female
Power	Via DP Source Interface

PHYSICAL PROPERTIES	
Dimensions (approx.) WxDxH	30x61.3x14mm (1.18x2.41x0.55in)
Housing Material	ABS
Net Weight	0.018kg (0.04lb)
Operating Temperature	0°C - 50°C (32°F - 122°F)
Storage Temperature	-20°C - 80°C (-4°F - 176°F)
Humidity	0 - 90% RH (non-condensing)
Power Requirements	-

No. 32116

HDMI 2.0 18G SIGNAL ANALYSER & GENERATOR

This compact and portable signal analyser and generator is a reliable tool for testing all stages of the HDMI signal path. The analyser ensures secure installation of HDMI components into existing and planned AV installations. The Pattern Generator provides three HDMI video patterns up to 4K@60Hz with additional HDR support and the ability to adjust colour depth to test the maximum resolution of connected displays. The sink mode provides information such as resolution and refresh rates. Cable mode tests the performance of the cable - an important feature for uniquely identifying HDMI 2.0 cables with 18Gbps data rates. In summary, the analyser helps quickly identify and eliminate connectivity and compatibility problems. As a multifunctional solution, it can also be used in installations consisting of a wide variety of AV components, including 18G Cat.6 HDMI extenders and HDMI 2.0 matrices.

No. 32675

SPECIFICATIONS	HDMI 2.0 18G SIGNAL ANALYSER & GENERATOR
AV Interface	HDMI
Interface Standard	HDMI 2.0
Supported Bandwidth	18Gbps
Maximum Resolution	3840x2160@60Hz 4:4:4 8bit
Adjustable Colour Depths	8bit, 10bit, 12bit, 16bit
HDCP Support	2.2 and 1.4
Video Patterns	3840x2160@60Hz, 1920x1080@60hz, 1280x720@60Hz
Control	Push Button
Special Features	HDR Support, Upgradable via Firmware

CONNECTORS	
Input	HDMI Type A (Female)
Output	HDMI Type A (Female)
Other Connections	USB Micro-B (Female)
Power	Rechargeable battery

PHYSICAL PROPERTIES	
Dimensions (approx.) WxDxH	130x89x14mm (5.12x3.5x0.55in)
Housing Material	Metal
Net Weight	0.22kg (0.49lb)
Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Humidity	20~90% RH (non-condensing)
Power Requirements	5W

No. 32675

SWITCHING PRESENTATION SCALER
WITH TABLE GROMMET KIT
No. 38282

CONFERENCE CALL
SWITCHING PRESENTATION SCALER

Conferences, meetings and presentations have become an integral part of our modern working environment. This makes it more important for presentation technology to smoothly and seamlessly integrate into conference and training rooms so that technology does not become an obstacle, but rather a support and supplement for what people think and do. With its concept as a distributed table mounting system, the Switching Presentation Scaler leaves nothing to be desired in terms of seamless design. AV access at every seat ensures easy handling and fast access for all conference topics. Connections for HDMI, DisplayPort or VGA as well as automatic image scaling to the resolution of the conference room display provides unlimited access for modern or older notebook systems. Each participant can easily connect their notebook to the display installed in the room at the touch of a button and make their content accessible to all other participants. Technology that fits seamlessly into the conference environment, allowing people to grow beyond themselves.

▼ CONTROL PANEL
CONTROL CENTRE FOR CONFORMANCE

The central switch and scaler form the heart of the installation. It controls and channels the AV content, which is sent from the individual desk connection panels to the conference room display on request. Thanks to the scaler's video bandwidth of 10.2Gbps, this can be fed via HDMI with resolutions from 1280x720 Full HD to 4K. Since the connected notebook systems naturally deliver the most diverse resolutions, these are scaled up or down in the switch to the match the set output resolution.

DISTRIBUTED ACCESS ▲
CONNECTION PANELS FOR TABLE MOUNTING

The appropriate AV cable for transferring content from the participant's notebook can be connected to each participant via the connection panel installed there. This allows AV content from that user to be easily sent to the conference room display via the scaler switch. Pressing the "Show me" button switches through the participants connection to the display. "Output black" cuts the connection again. This impressively simple handling allows the conference participants to fully concentrate on their presentation.

DISCREET SWITCHING WITH QUAD-VIEW TECHNOLOGY. THE FUTURE OF COLLABORATION SCENARIOS.

Seamless and intuitive, these are the words that best sum up what a good collaborative solution can be. The modern workplace features more devices than ever before. Systems that can communicate with these devices seamlessly and intuitively are becoming a necessity. This scenario explores the use of a Lindy Presentation Switch in creating a functional, contemporary collaboration solution for a conference or meeting room environment.

In this medium sized conference room solution, a Presentation Switch Pro and Table Grommet Kit provide easy access for up to four participants, each with their own device, to a large external display.

This collaboration scenario is created by installing the Presentation Switch Pro into a medium sized conference room with external display and speaker systems. In this solution, four users bring their own laptops or other mobile devices to a conference table which has the Lindy Presentation Switch Pro mounted below the table and four grommets discreetly built-in to the table itself.

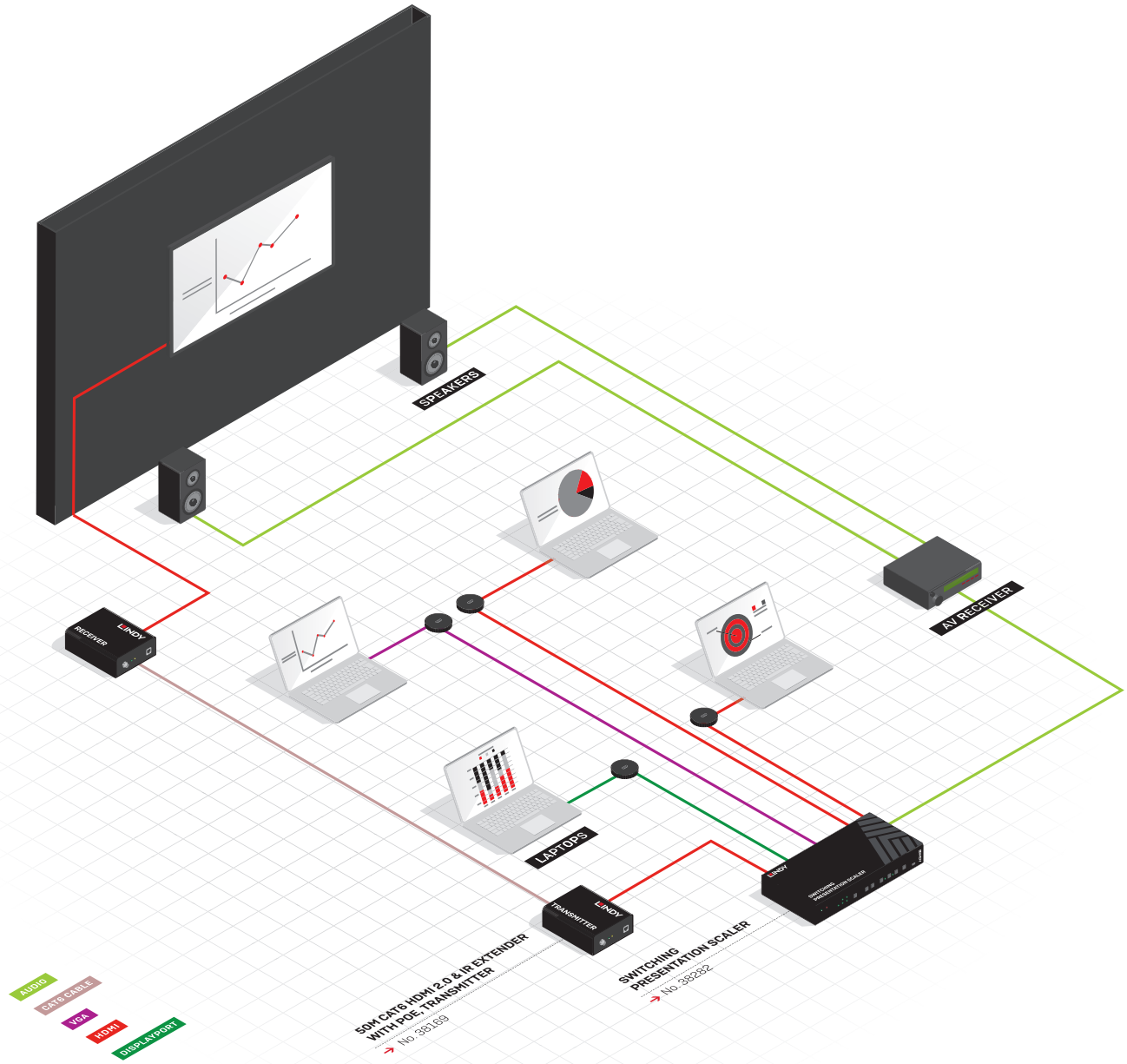
A different input is integrated into each grommet with two of them featuring HDMI inputs, while the other two feature VGA and DisplayPort respectively. All grommets feature two buttons labelled “Show me” and “Black Screen”.

“Show Me” allows users to switch their input to the main source that is displayed on the main display. “Black Screen” provides on/off functionality to the screen letting users momentarily, or continuously, stop their signal being displayed – perfect when sharing specific data with other users whilst being able to hide certain screens with confidential information.

The table grommets pass signals through the Presentation Switch mounted below the table. This Presentation Switch then upscales the signal to 4K and sends it through an HDMI output port to a display. The switch is capable of upscaling any signal to 4K, no matter which device or input method is used. This device also features an optional audio extraction function via a terminal block that can output to an amplifier. This allows users to avoid using poor quality integrated speakers on screens, laptops, projectors etc.

The presentation switch also features push buttons on the switch itself for control alongside an IR programming option which allows third-party remote controls to be programmed to control the on/off function of the display. Auto-switching is available to swap between sources so that when a single source is live it will be displayed without user input.

In this scenario the switch then sends the signal through its HDMI output to a 100m Cat.x HDMI Extender, transmitter unit, which sends the signal through to a receiver unit placed near the 4K display. This completes the solution and provides users with an effective, modern way of working together.


SPEAKERS
AV RECEIVER
RECEIVER
LAPTOPS
TRANSMITTER
50M CAT6 HDMI 2.0 & IR EXTENDER
WITH POE, TRANSMITTER
No. 38169
SWITCHING
PRESENTATION SCALER
No. 38282
AUDIO
CAT6 CABLE
VGA
HDMI
DISPLAYPORT

CONVERT EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR BOX RANGE

4 PORT HDMI 1.4 10.2G VIDEO WALL SCALER

This 4 Port Video Wall Scaler enables you to distribute a 4K HDMI 1.4 input signal in different configurations (2x2, 1x2, 1x4) to 4 displays with a bandwidth of 10.2Gbps. The 4K HDMI 1.4 input signal can be distributed in different configurations (2x2, 1x2, 1x4) to 4 displays with a bandwidth of 10.2Gbps. The 4K input signal is split into 4 signals and transmitted to each display at 1080p resolution. For each output contrast, brightness, sharpness, chrominance and hue can be individually adjusted to optimise the appearance across the entire video wall. It is possible to switch between the two input connections, HDMI and DVI. HDMI audio extraction is also possible via the 3.5mm stereo audio output. This Video Wall Scaler is specifically designed for installations that need to maximize viewer impact in terms of image quality, such as public and commercial advertising, point of sale retail and other events. With multiple video wall presets and adjustable image options, the scaler can create impressive video wall layouts.

No. 38172

HDMI 2.0 18G AUDIO EXTRACTOR

This HDMI 2.0 Audio Extractor allows users to extract audio signals from an HDMI source. Output to the audio components can be in digital or analogue format, while the video signal is sent to a 4K display or projector. It supports the full 18G HDMI 2.0 bandwidth with resolutions up to 4096x2160@60Hz and pass-through for REC.2020 colour spaces, which include the full range of colours needed for high-dynamic range content with enhanced contrast and colours. The Extractor supports HDCP 2.2, so that even protected content is no obstacle. Supporting multi-channel audio including Dolby Digital 5.1 (optical) and analogue stereo, this device guarantees impressive three dimensional surround sound performance to accompany visual content. HDMI Hi-Res Audio pass-through also enables the playback of Hi-Res audio files without compression for a vivid listening experience. The analogue 3.5mm connection ensures that 2-channel speaker setups can also be connected to the Extractor. The perfect solution for connecting AV receivers that do not support HDMI, or 2-channel analogue speaker setups in conjunction with an HDMI source device.

No. 38171

THE EXPANDED PORTFOLIO: THE BOX RANGE

Choose from our comprehensive product portfolio for converting AV signals in diverse ways – find a tailored solution for each of your needs at a glance. This gives you the information required to respond easily, flexibly and economically to requirements as they change from day to day – now and in the future.

SPECIFICATIONS	4 PORT HDMI 1.4 10.2G VIDEO WALL SCALER	SWITCHING PRESENTATION SCALER WITH TABLE GROMMET KIT	HDMI 2.0 18G AUDIO EXTRACTOR
AV Interface	HDMI	HDMI	HDMI
Interface Standard	HDMI 1.4	HDMI 1.4	HDMI 2.0
Supports Bandwidth	10.2Gbps	10.2Gbps	18Gbps
Maximum Input Resolution	4096x2160@30Hz 4:4:4 8bit	HDMI: 3840x2160@60Hz 4:2:0 8bit VGA: 1920x1200@60Hz	4096x2160@60Hz 4:4:4 8Bit
Maximum Output Resolution	1920x1080@60Hz 4:4:4 8bit	-	-
HDCP Support	1.4	2.2	HDCP 2.2
Supported Audio	Audio pass-through	HDMI Audio pass-through Stereo Analogue "	HDMI (Pass-Through): LPCM 2/5.1/7.1CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X Toslink (Optical): LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH, 3.5mm: Analogue Stereo 2CH
Separate Audio Ports	3.5mm Stereo	Analogue Audio (3-pin)	-
IR Support		38kHz	
CEC Support		Pass-through	
Serial Interface		RS-232 (3-pin)	
Special Features	-	EDID Management Auto-Sensing	CEC Bypass, Audio EDID Switch
CONNECTORS			
Input	1 x HDMI (Female), 1 x DVI-D (Female)	2 x HDMI Type A (Female), DisplayPort (Female), VGA (Female), 3.5mm (Female)	HDMI Type A (Female)
Output	4 x HDMI (Female)	HDMI Type A (Female)	HDMI Type A (Female), TosLink (Optical), 3.5mm (Female)
Control		3.5mm (Female), RS-232 (3-pin), Table Grommet Kit (2 x HDMI Type A, 1 x DisplayPort, 1 x VGA)	
Power	5.5/2.1mm DC socket	5.5/2.1mm	5.5/2.1mm
PHYSICAL PROPERTIES			
Dimensions (approx.) WxDxH	190x90x23mm (7.48x3.54x0.91in)	230x23.6x100mm (9.06x0.93x3.94in)	64x23x77mm (2.52x0.91x3.03in)
Housing Material	Metal	Metal	Metal
Net Weight	0.85kg (1.87lb)	1.177kg (2.59lb)	0.154kg (0.34lb)
Operating Temperature	-5°C - 55°C (23°F - 131°F)	-10°C - 40°C (14°F - 104°F)	0°C - 40°C (32°F - 104°F)
Storage Temperature	-10°C - 70°C (14°F - 158°F)	-15°C - 55°C (5°F - 131°F)	-20°C - 60°C (-4°F - 140°F)
Humidity	5-90% RH (non-condensing)	10-90% RH (non-condensing)	20-90% RH (non-condensing)
Power Requirements	12VDC 2A	12V 2A	5VDC 2A
	No. 38172	**No. 38282**	**No. 38171**

IT'S EASY TO IMAGINE THE NEXT STEP. BUT YOU NEED TO EXPERIENCE A NEW WAY.

DisplayPort 1.2 with Multi-Stream Transport: send multiple independent video signals over a single DisplayPort output. Multi-Stream Transport (MST) makes it possible to send signals to between two and four displays, thanks to quick and easy plug & play signal distribution via several channels. Use of the MST protocol permits transmission of up to four different AV signals from a single DisplayPort 1.2 output on the source device. Different content with crisp, vibrant image quality can then be assigned to each of four MST capable displays without any scaling or resolution losses whatsoever. Alternatively, it's possible to clone the same signal on multiple displays. MST hubs with DisplayPort outputs are dual mode compatible (DisplayPort++). As a result, HDMI, VGA or Single Link DVI signals can be directly output and used via a passive or active adapter to ensure the compatibility of different terminal devices and dependable signal distribution.

CONVERT EVERYTHING – IT'S EASY! DISCOVER MORE FROM OUR MST HUB RANGE

2 PORT 4K DISPLAYPORT MST/SST HUB

This MST & SST Hub allows the use of two DisplayPort displays on single source devices with only one DisplayPort output. With this hub, the range of a source device can either be extended to two separate displays or combined to a large working range. The integrated single-stream transport technology (SST) allows the hub to mirror the identical contents of two displays like a conventional two port splitter. This hub has both input and output interfaces. This enables extended flexibility during installation in combination with variable cable lengths. The metal housing with integrated mounting brackets and DC cable gland are ideal features for use in commercial and industrial applications where reliability is paramount.

No. 38425

SPECIFICATIONS	2 PORT 4K DISPLAYPORT MST/SST HUB
AV Interface	DisplayPort to DisplayPort
Interface Standard	DP 1.2
Supported Bandwidth	21Gbps
Maximum Input Resolution	3840x2160@60Hz 4:4:4 8bit
Maximum Output Resolution	3840x2160@30Hz
HDCP Support	1.3
Supported Audio	Audio Pass Through
Separate Audio Ports	-
Special Features	Supports both MST and SST modes

CONNECTORS	
Input	1 x DisplayPort Male
Output	2 x DisplayPort Female
Power	-

PHYSICAL PROPERTIES	
Dimensions (approx.) WxDxH	156x83x25mm (6.14x3.27x0.98in)
Housing Material	Metal
Net Weight	0.308kg (0.68lb)
Operating Temperature	0°C - 45°C (32°F - 113°F)
Storage Temperature	-20°C - 70°C (-4°F - 158°F)
Humidity	40-50% RH (non-condensing)
Power Requirements	12VDC 1A
	No. 38425

LINDY WORLDWIDE

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Finally, we want to give a big thank you to all who support us in realising our vision of a perfect business relationship!

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