

AV Trade Guide

Summer 2012



SAHARA

Make the Clever choice



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AV Trade Guide

Summer 2012

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Interactive Technology



Durability
5mm toughened glass, steel bezel, 24/7 usage



Optional Built in PC
No connecting cables or software installation required



Multi Touch
Dual touch, multi touch gestures and writing available*



High Definition
Full HD 1080p** high brightness display



Plug & Play
No calibration, no drivers – just turn them on and start interacting



No Shadow
Unlike interactive whiteboard and projector solutions

Clevertouch

A range of large format interactive display screens featuring crystal clear, pin sharp images and optical touch technology. Toughened glass and an all steel bezel give added durability for heavy usage



65" Clevertouch

Code: 1542006

- Interactive dual touch technology
- High definition and optimal resolution – 1080p
- 5mm Tempered Glass
- Commercial grade LCD display
- Lynx interactive whiteboard software included
- 2 Clevertouch pens included

Product Code	Model	Size	Viewing Area (HxW mm)	Bezel Colour	Touch Tech	HDMI	Video Input	Resolution	Speakers	Anti Glare	Software	PC	Dimensions (WxHxD mm)	Weight (kg)	Warranty	Notes
1542001	Clevertouch LCD 32	32"	392 x 698	Black	Dual	HDMI	1x DVI-D, 1x VGA	720p	Optional	Optional	Lynx	No	820 x 514 x 120	28kg	Contact us for details	
1542002	Clevertouch LCD 42	42"	523 x 930	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1051 x 643 x 128	35kg	Contact us for details	
1542003	Clevertouch LCD 46	46"	573 x 1018	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1150 x 705 x 162	45kg	Contact us for details	
1542004	Clevertouch LCD 55	55"	680 x 1209	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1330 x 800 x 130	59kg	Contact us for details	
1542005	Clevertouch LCD 60	60"	748 x 1329	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1457 x 877 x 164	78kg	Contact us for details	
1542006	Clevertouch LCD 65	65"	804 x 1428	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1561 x 920 x 140	92kg	Contact us for details	
1542007	Clevertouch LCD 70	70"	871 x 1549	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1679 x 1001 x 175	120kg	Contact us for details	
1542008	Clevertouch LCD 82	82"	1016 x 1806	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1936 x 1146 x 175	138kg	Contact us for details	
1543002	Clevertouch LED 46	46"	573 x 1018	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1150 x 705 x 162	39kg	Contact us for details	New!
1543003	Clevertouch LED 55	55"	680 x 1209	Black	Dual	HDMI	1x DVI-D, 1x VGA	1080p	Included	Optional	Lynx	Optional	1330 x 800 x 130	52kg	Contact us for details	New!

Clevertouch is now available with LED light source

The Clevertouch LED features a slimmer bezel, lower power consumption and a lighter weight, whilst still being as tough and durable as the Clevertouch LCD



Clevertouch Accessories



Optional Inbuilt PC

Upgrade your Clevertouch to include an integrated PC with wireless keyboard and mouse. Features include 4GB memory, 250GB disc space, Intel Atom, a wired and wireless network and Windows 7 64 bit OEM with PC module 1540117. For more advanced features including a Blu-Ray Player, DVD re-writer, 6-in-1 card reader and Intel i5 2430M choose PC module 1540119.

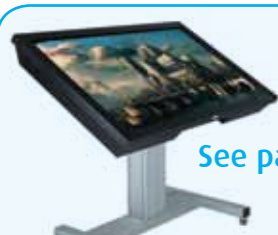
See pages 48-49

Desk Stands and Wall Mounts



See pages 6/7

Trolleys and Wall Lifts



*Windows 7 and above

Palletised delivery – contact your Account Manager for more information



Clevertouch Fusion

The Clevertouch Fusion allows users to collaborate in a new and exciting way by offering a 32-point touch technology that can be used in three interactive modes of operation:- a whiteboard, an easel, and a table. With toughened glass and an all steel bezel the Clevertouch Fusion is built to withstand the rigours of a high demand environment.



Clevertouch Fusion Multi 42"

- Code: 1042009
- Interactive multi touch technology
 - High definition and optimal resolution – 1080p
 - 5mm Tempered Glass
 - Commercial grade LCD display
 - Lynx interactive whiteboard software included
 - Integrated PC with wireless keyboard and mouse

Product Code	Model	Size	Viewing Area (HxW mm)	Bezel Colour	Touch Tech	HDMI	Video Input	Resolution	Speakers	Anti Glare	Software	PC	Dimensions (WxHxD mm)	Weight (kg)	Warranty	Notes
1540075	Clevertouch Fusion 42	42"	523 x 930	Black	Dual	HDMI	1x DVI-D 1x VGA	1080p	Included	Yes	Lynx, Snowflake	Included	1051 x 713 x 143	117kg including trolley	Contact us for details	While stocks last
1540076	Clevertouch Fusion 55	55"	680 x 1209	Black	Dual	HDMI	1x DVI-D 1x VGA	1080p	Included	Yes	Lynx, Snowflake	Included	1330 x 870 x 150	138kg including trolley	Contact us for details	While stocks last
1542009	Clevertouch Fusion Multi 42	42"	523 x 930	Black	Multi	HDMI	1x DVI-D 1x VGA	1080p	Included	Yes	Lynx, Snowflake	Included	1051 x 713 x 143	117kg including trolley	Contact us for details	New!
1542010	Clevertouch Fusion Multi 55	55"	680 x 1209	Black	Multi	HDMI	1x DVI-D 1x VGA	1080p	Included	Yes	Lynx, Snowflake	Included	1330 x 870 x 150	138kg including trolley	Contact us for details	New!

Palletised delivery – contact your Account Manager for more information

Trolley & Wall Lifts



Clevertouch Trolley Lift
Code: 1542301

- Mobile trolley with electric height adjustment
- 46" to 70" Clevertouch displays
- 500mm height adjustment
- Optional laptop shelf available, 1542309



Clevertouch Trolley Lift & Tilt
Code: 1542302

- Mobile trolley with electric height adjustment
- 46" to 70" Clevertouch displays
- 500mm height adjustment, 90 degree tilt adjustment
- Non stock item 2-3 week delivery



Clevertouch Wall Lift
Code: 1542303

- Floor to wall support with electric height adjustment
- 46" to 70" Clevertouch displays
- 500mm height adjustment



Clevertouch Floor to Wall Support
Code: 1542304

- Floor to wall support, fixed height
- 46" to 70" Clevertouch displays
- Optional floor plate
- Non stock item 2-3 week delivery



Clevertouch Trolley Lift with lockable doors
Code: 1542305/6

- Mobile trolley with electric height adjustment
- Lockable doors - ideal for school hall/gym
- 55" (1542305) and 65" (1542306) Clevertouch displays
- 500mm height adjustment
- Non stock item 2-3 week delivery



Clevertouch Whiteboard with wings
Code: 1542307

- For Clevertouch 65" units only
- Wings fold out fully left and right sides
- Can be retro fitted
- Available for wall and trolley lifts
- Vitreous enamel whiteboard on both sides
- Doors can be closed to conceal screen



Clevertouch Fixed height trolley
Code: 1542308

- Mobile trolley with no height adjust
- 46" to 70" Clevertouch displays
- Optional laptop shelf available, 1542309



Clevertouch Mechanical Wall Lift
Code: 1540083 42"-55"
1540084 65"

- Height range adjustable by 500mm
- Stainless steel cover hides mechanics
- Minimal physical effort needed



Clevertouch Electrical Floor/Wall Lift
Code: 1040073

- 750mm height adjustment
- Robust and durable steel construction
- Operated by a single switch
- Extension feet available for non-load bearing walls, 1040074



Clevertouch Electrical Mobile Trolley
Code: 1040068

- Lightweight trolley with electrically powered lift
- 750mm height adjustment
- Wheelchair friendly with narrow footprint



19" CleverTab
Code: 1030018

- Electromagnetic LCD Tablet Monitor
- Ultra-slim design
- Widescreen display
- Innovative pen-touch technology
- Adjustable stand - can be laid flat
- Perfect for use in education
- Use the pen to draw, sketch and annotate on documents sent for review
- Use the optional handwriting recognition technology to convert your notes to text
- Mini-USB interface
- Contrast ratio: 1000:1
- New model coming soon - specification may vary, check with your Account Manager



CleverPad 3
Code: 1030028

- Wireless tablet that supports up to 50 devices at the same time
- Works up to 10 metres from the source PC (with inserted dongle)
- Perfect in both education and business environments where group discussions and information sharing is required
- 2.4G USB Wireless operation

 Made in the UK



CleverBoard 3

- Supplied with Lynx educational software including WordWall and handwriting recognition software (Vista compatible)
- Also allows for the ink capture as part of the functionality (via separate accessory pack) - perfect for both education and corporate users
- USB 2.0 connection
- Secure lockable cabinets and a lifetime guarantee on the board surface

CleverBoard Warranty and additional information

- Lifetime warranty on board surface
- 5 year warranty on components
- CleverBoard stylus, batteries, erasers and cable are not covered



Ink Capture Pack
Code: 1520050
Contains 2 interactive stylus with four coloured caps, 12 coloured expo markers and an interactive eraser



CleverBoard 3 Pen
Code: 1670040

More Accessories available, ask your Account Manager for details.



CleverBoard Dual

- A dual purpose touch-based interactive whiteboard that you can also use as a regular whiteboard
- Use your finger or a stylus on the board to control your PC just like a mouse. Control any application that runs on your PC
- Vitreous enamelled steel surface
- Low glare projection surface and a fantastic writing surface for dry erase markers
- Supplied with Lynx educational software including WordWall software and handwriting recognition software

While stocks last



Universal stand for CleverBoard Dual
1520058
While stocks last



Eco Board

- Easy to set up and connect
- Sleek, modern sensor design
- Infrared and ultrasound technology
- High quality vitreous enamel board, whiteboard surface can be written on
- Long life, scratch resistant surface for minimal light reflection from projectors
- Interacts directly with your computer, access all your computer applications
- Presentations can be pre-prepared, saved for future use, edited and emailed
- Web casts or video conferencing is easy with the system making it fully interactive to local and worldwide locations
- Electronic pen supplied with left and right click functions, double click, copy and paste etc
- Supplied with Lynx educational software including WordWall software and handwriting recognition software

Eco Board Pen

Code: 1520083

Product Code	Model	Size	Projection Area (HxW mm)	Software	Dimensions (HxW mm)	Weight	Warranty
1520080	Eco Board 50" PEN DRIVEN	50"	874 x 1174	Lynx, WordWall Handwriting recognition	898 x 1198	19kg	5 year guarantee on board surface (excludes misuse) 2 years RTB on components
1520081	Eco Board 78 " PEN DRIVEN	78"	1180 x 1650	Lynx, WordWall Handwriting recognition	1230 x 1700	28.7kg	5 year guarantee on board surface (excludes misuse) 2 years RTB on components
1520056	CleverBoard Dual 78"	78"	984 x 1730	Lynx, WordWall Handwriting recognition	1200 x 1928	25.15kg	5 year guarantee on board surface (excludes misuse) 2 years RTB on components
1520057	CleverBoard Dual 80"	80"	1231 x 1641	Lynx, WordWall Handwriting recognition	1440 x 1845	32.65kg	5 year guarantee on board surface (excludes misuse) 2 years RTB on components
1520063	CleverBoard Dual 90"	90"	1149 x 1969	Lynx, WordWall Handwriting recognition	1353 x 2173	38kg	5 year guarantee on board surface (excludes misuse) 2 years RTB on components
1520044	CleverBoard3 32" DEMO	32"	580 x 730	Lynx, WordWall Handwriting recognition	800 x 990 x 100 doors closed 800 x 1270 x 100 doors open	24kg	Lifetime guarantee on board surface (excludes misuse) 5 years RTB on components (excludes stylus, batteries, erasers and cables)
1520041/1	CleverBoard3 72"	72"	1166 x 1385	Lynx, WordWall Handwriting recognition	1220 x 1801 x 100 doors closed 1220 x 2331 x 100 doors open	45kg	Lifetime guarantee on board surface (excludes misuse) 5 years RTB on components (excludes stylus, batteries, erasers and cables)
1520052	CleverBoard3 Wireless 72"	72"	1166 x 1152	Lynx, WordWall Handwriting recognition	1220 x 1801 x 100 doors closed 1220 x 2331 x 100 doors open	45 kg	Lifetime guarantee on board surface (excludes misuse) 5 years RTB on components (excludes stylus, batteries, erasers and cables)
1520043/1	CleverBoard3 78"	78"	1166 x 1552	Lynx, WordWall Handwriting recognition	1220 x 1970 x 100 doors closed 1220 x 2440 x 100 doors open	55kg	Lifetime guarantee on board surface (excludes misuse) 5 years RTB on components (excludes stylus, batteries, erasers and cables)
1520059/1	CleverBoard3 87"	87"	1166 x 1869	Lynx, WordWall Handwriting recognition	1225 x 2283 x 100 doors closed 1225 x 2553 x 100 doors open	57kg	Lifetime guarantee on board surface (excludes misuse) 5 years RTB on components (excludes stylus, batteries, erasers and cables)
1520042/1	CleverBoard3 105"	105"	1166 x 2046	Lynx, WordWall Handwriting recognition	1225 x 2460 x 100 doors closed 1225 x 2730 x 100 doors open	60kg	Lifetime guarantee on board surface (excludes misuse) 5 years RTB on components (excludes stylus, batteries, erasers and cables)
1520053/1	CleverBoard3 Wireless 105"	105"	1166 x 2046	Lynx, WordWall Handwriting recognition	1225 x 2460 x 100 doors closed 1225 x 2730 x 100 doors open	60kg	Lifetime guarantee on board surface (excludes misuse) 5 years RTB on components (excludes stylus, batteries, erasers and cables)

WHILE STOCKS LAST

These products are for export markets only

Mimio Teach, Mimio Capture and Mimio Vote bringing a lesson inspiration



Mimio®
Interactive Teaching Technologies

Mimio View

The Mimio View document camera is fully integrated with Mimio Studio software and the Mimio Teach system, making it easier than ever to capture images and present them in your lessons.

Mimio Teach

With a Mimio Teach interactive system you can turn any flat surface or board into an interactive whiteboard

- Mount it to your whiteboard magnetically, so it's easy to move it to different classrooms or remove it for safekeeping.
- Create engaging, interactive lessons with the included MimioStudio software.
- Enjoy all the tools you need to encourage active learning.
- Be certain that its rugged design will help it last through years of classroom use. Meet the requirements of your school budget.
- Mimio products come with a free 5 year warranty – just register online

Mimio Vote

The Mimio Vote assessment system gives instant feedback.

You can:

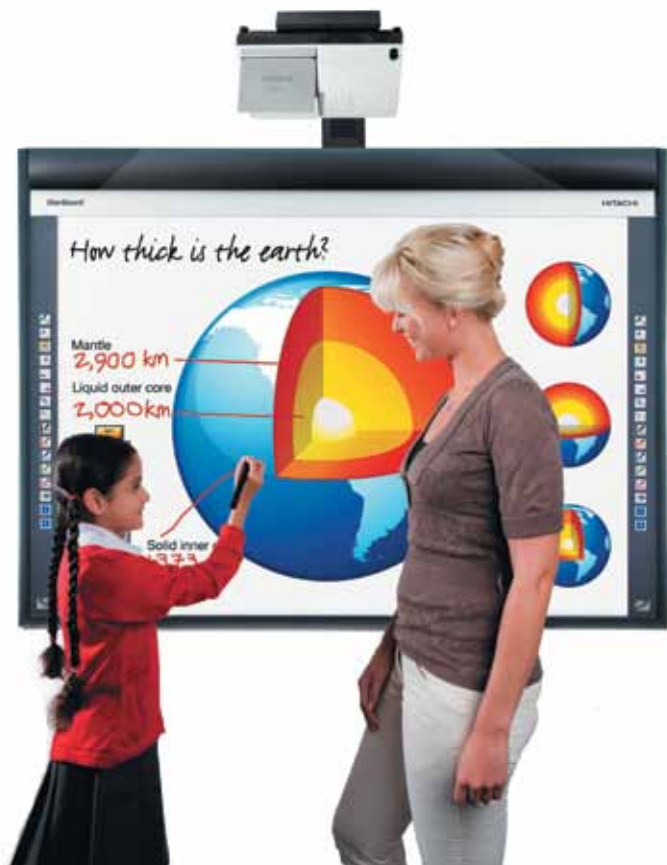
- Download student results into spreadsheets and lesson plans
- Choose teacher-led or self-paced testing
- Easily import standard tests
- Choose between 24 or 32 handsets and combine trays to test larger groups
- Works within Powerpoint
- Unique LED buttons make it easy for all students including special needs

Mimio Capture

- Save all your ink notes and lessons for later use
- Print out your ink whiteboard notes so your audience listens instead of just copying
- Use your ink notes in interactive lessons later using Mimio Studio Software
- Comes complete with 4 rechargeable pens and eraser

Product Code	Model	Description
MIMIO TEACH		
1670041	MimioTeach	Transforms any flat surface or board into an interactive whiteboard
1670049*	Stylus	Stylus pen for the Mimio Teach
1670052*	Mimio Hub	Allows a PC or Mac to connect wirelessly to the Mimio Teach or Mimio Vote
1670043	Mimio Capture	Complete with recharging tray, 4 ink capture pens, 1 eraser, ink pens and USB. Needs Mimio Teach to operate
1670065*	Capture Recharging Tray	Replacement recharging tray for capture pen and eraser
MIMIO VOTE		
1670045	Mimio Vote with 24 Handsets	The Mimio Vote assessment system lets you gauge student understanding instantly, at any point during a lesson, with maximum class participation. Complete with 24 rechargeable handsets, charging base and IR receiver
1670046*	Mimio Vote with 32 Handsets	The Mimio Vote comes with 32 rechargeable handsets, a charging base and IR wireless USB receiver. It can be used for multiple choice tests or polling
MIMIO PAD		
1670039	Mimio Pad	Create and present interactive lessons from anywhere in the classroom via Mimio Studio Software.
1670070	Mimio Pad Wireless Receiver	Replacement USB dongle for wireless communications
MIMIO VIEW		
1670042	Mimio View	The Mimio View document camera allows you to instantly capture pictures and live video. Comes with UXGA camera, 2 LED lights and microphone adapter

Hitachi



StarBoard FX-Trio
Interactive Whiteboards

- Multi-touch supports up to three users working simultaneously
- Robust surface works even when scratched or dented
- Minimised reflection
- Customisable function buttons
- Supplied with two stylus pens
- Easy to mount
- StarBoard software included
- Available in three sizes:- 63", 77" and 88"



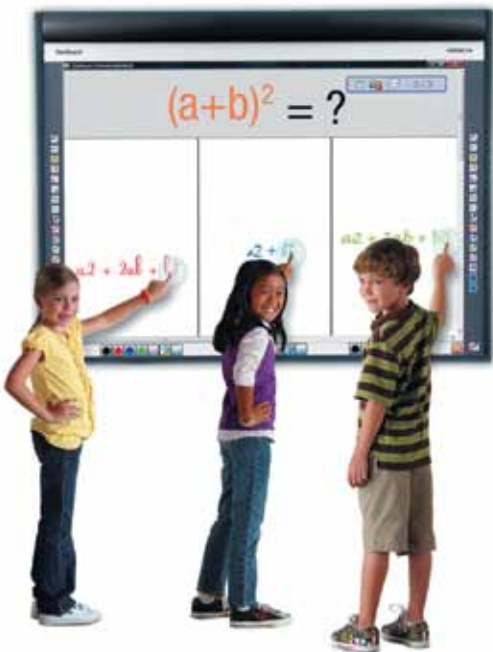
FX-Trio /
FX-Duo Stylus Pen

Code: 1780420

Make the best of your FX-Trio board
with an Hitachi interactive projector,
see pages 26-27 for more information

FX-Trio /
FX-Duo Projection Pen

Code: 1780409



StarBoard WT-1

Code: 1780487

- Lightweight graphics tablet
- Features Wi-Fi technology
- Up to 10m RF range
- Wireless pen with 2 customisable buttons
- 16 function buttons
- Rolling area for volume control
- Page up and page down
- LCD display for status indication
- Supports multiple pairing (up to 7 devices)
- Battery life: minimum 16 hours continuous
- Recharge battery via USB or AC adaptor

HITACHI
Inspire the Next

StarBoard T-17SXLG

Code: 1780402

- A pen driven, icon orientated user interface allows users to move from running Windows or digital video applications to annotating over them
- Ability for simultaneous viewing and annotation by multiple systems connected either locally or across the internet
- 17" LCD display screen
- Thin screen that assures natural, accurate operation
- Eight hardware function buttons
- StarBoard suite of professional presentation and collaboration software



Product Code	Model	Size	Active Area (HxW mm)	Touch Tech	Resolution	Software	Dimensions (HxWxD mm)	Weight (kg)	Warranty
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STARBOARDS AND ACCESSORIES

1780483	StarBoard FX-Trio 63"	63"	961 x 1285	Multi		StarBoard	1260 x 1511 x 65	11kg	2 year RTB (5 years if registered)
1780484	StarBoard FX-Trio 77"	77"	1180 x 1573	Multi		StarBoard	1413 x 1768 x 75	24kg	2 year RTB (5 years if registered)
1780485	StarBoard FX-Trio 88"	88"	1180 x 1888	Multi		StarBoard	1431 x 2080 x 69	32kg	2 year RTB (5 years if registered)
1780406	FX-Duo Stand								One year
1780422	FX-Duo USB Cable								One year

INTERACTIVE PANELS AND TABLETS

1780402	StarBoard T-17SXLG Interactive Panel	17"	270 x 338		SXGA	StarBoard	370 x 395 x 57	5kg	One year
1780487	StarBoard WT-1 Interactive Wireless Tablet	10"	230 x 152		2000dpi		278 x 265 x 23	590g	One year
1780467	Stylus Pen for T-17SXLG								

CAMBRIDGE BOARD ACCESSORIES

1780429	Rechargeable Pen								One year
1780430	Charger Unit								One year
1780432	2 Rechargeable Pens, Charger, Power Supply and Power Cable								One year
1780446	220v grounded Power Supply								One year

Panasonic

ideas for life

Electronic Whiteboard
UB-5325 UB-5825 UB-7325



Panaboard takes notes instead of you Improves your presentations and meetings

- Plain paper printing with multiple copies.
- Panaboard can work as a PC printer.
- Panaboard can be controlled from PC.
- Panaboard increases efficiency and reduces meeting time.
- Panaboard can be wall-mounted or used with floor-stand option.



Panaboard™
Metallic Type
Plain Paper Printing

Snowflake

The world's leading collaborative software now included
with the Clevertouch Fusion

Snowflake Software Suite offers customisable content, fast performance,
stability and quality.

The Snowflake multi-touch platform features thirty apps, including
presentation tools, games, media content browsing, creativity and
productivity tools as well as whiteboard functionalities for collaborative work
group environments.

The Snowflake multi-touch framework is compatible with Windows XP/
Vista/7 (Windows 8 ready), Mac Snowleopard and Lion.



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Snowflake comes as
standard with the
Clevertouch Fusion,
see pages 4 & 5





CleverLynx is a multi-faceted software that has been created for use with any interactive device

Features include:

- Curriculum specific clip art and information resources for a wide range of subjects and key stages. Annotation toolkit including pen, paintbrush, highlighting and area fill tools.
- Screen Capture allows you to prepare and build lessons easily and also allows annotations and lessons to be saved for later discussions.
- Internet access with a single button.
- Easy to use virtual keyboard and calculator.
- Links with any Windows application so frequently used programmes and resources are available quickly and easily from the CleverLynx handset.
- A variety of subject specific screen backdrops are available to enhance lessons including lined, graph, isometric, squared, hexagonal and music manuscript paper.
- A wide variety of high definition maps, both simple and labelled, are also provided – ready to use for lesson preparation.
- Electronic coloured and plain VENN diagrams are also found in CleverLynx.
- A variety of interactive facilities are also provided within CleverLynx, including clocks.
- Arrange, transform, fill and group objects.
- Modify and customise shapes to your requirements.
- Use the curtain, spotlight and magnify facility.

WordWall

Create fantastic activities for your classroom.



Now integrated into CleverLynx interactive software

New version 3 available with all Cleverproducts.

Over 25,000 pre-created lesson activities

WordPad 2

The world's most advanced audience response system.



Use up to 250 handsets at once

Use with Powerpoint & WordWall

- ✓ Do much more than just multiple choice quizzes
- ✓ Type in ideas, play joystick games, perform self-paced tests
- ✓ Easily assess participant progress

Digital Signage

Digital signage, also known as dynamic signage, is the display of multimedia content in public places for either information or advertising purposes. A digital display normally consists of a large LCD or plasma screen connected to a digital signage player. By connecting the digital signage player to your network you can update the screen in real time from your own PC.

Sedao Digital Signage Solutions

Create the display of multimedia content in public places for either information or advertising purposes with Sedao’s range of Digital Signage Players with ImageFlyer software.



SWEP-V Player & ImageFlyer

The SWEP-V player comes pre-installed with ImageFlyer and Sedao’s SWEP web server. Sedao SWEP-V allows you to allocate zones of your screens to different users who can be limited to only change their own zone. The user cannot affect anyone else’s messages and can be quickly trained to update their own messages, typically in under a minute.

Features include:

- Emergency Notifications**
Single button click forces screens to display your own set of pre-created emergency or important messages. Ideal for fire drills, sales incentives, security alerts and more.
- Instant Messaging**
Edit a message and override your screens with your message, after the message screens go back to what they were playing before.
- Advanced Presentation Scheduling**
Create presentation groups to allow for group scheduling.
- Scheduling of System Commands**
Configure triggering player shutdown or any of your own windows system commands. Trigger backups, batch files and more.
- Direct Link to VNC Remote Desktop**
Connect directly into your players (running any VNC compatible client) to see what’s on screen.



Sedao All Media Player

SAM is Sedao’s Linux based digital signage player. High end features with a low cost Linux player price tag.

- Full high definition playback, up to 1920 by 1080
- Small form factor - 19.3(L)x14.8(W)x2.2(H)cm
- Uses landscape or portrait orientation
- VGA and HDMI outputs
- Plays up to 3 media zones on screen at a time
- Zones can be resized in real time
- Networked or Stand Alone
- No software needed, simply turn it on and upload your content
- Time your messages and promotions
- A number of ways to upload content

Connect your digital signage player with ABtUS transmitters and receivers

See page 62-63



ImageFlyer

ImageFlyer Digital Signage play out software lets you create digital presentations showing every piece of information you want on the screen at the same time. Supporting play out of movies, animated images, web pages, PowerPoint, news feeds and much more simultaneously, ImageFlyer is the ultimate digital signage software.



SWEP-V and NEC Screen Bundles

NEC MultiSync Screens are high quality LCD flat panel displays with integrated speakers.

Choose from three screen sizes – 32”, 42” and 46” – to be bundled together with the SWEP-V digital signage player, pre-installed with ImageFlyer and Sedao’s SWEP management software.

Product Code	Description
1650006	ImageFlyer
1650007	QuickChange Background Maker
1650010	2 Hour Remote Login Internet Based Training
1650011	Design of 2 Custom Screen Layouts
1650005	Full Day Training and Set Up including Commissioning
1650004	Half Day Training and Set Up including Commissioning
1650000	SAM Multi Zone Player
1650017	SWEP-V Player with Pre-Installed ImageFlyer
1651000	NEC MultiSync V321 32” LCD Screen and SWEP-V Player
1651001*	NEC MultiSync V422 42” LCD Screen and SWEP-V Player
1651002*	NEC MultiSync V462 46” LCD Screen and SWEP-V Player

* Palletised delivery



QuickChange Background Maker

QuickChange Background Maker is an inexpensive and very simple way to create designer backgrounds and full screen posters that works with any digital signage system. This application is ideal for people who don’t have the time or budget to create their own background artwork.



Outdoor Digital Poster

The unit is weatherproof and designed with both the heat and cold in mind with a built-in temperature control unit and air conditioner to ensure optimum performance in the harshest of environments. The strong and durable outer casing of the display protects it from any form of vandalism. The display itself can slide out of the casing for cleaning and maintenance.



Digital Advertising Display

With metal casing, sleek elegant tempered glass styling, ability to be in constant use and a wide viewing angle, the digital advertising displays are bright with no buttons or controls on show. The built-in HD media player allows for a simple plug and play method for content update. A free landscape wall mount also comes as standard. The Digital Advertising Displays also come with simple free scheduling software to allow the user to set up playlists with images, videos and music to play at different periods during the day. With a range of inputs you can switch between VGA, AV, HDMI, YPbPr, Video IN.

Wall Mounted Digital Poster

The 21" LCD display is supplied with a wall mount for portrait mounting and has a super-slim profile of just 30.7mm. Simply insert a USB drive and power on. The screen automatically starts playing the images, video and music that are loaded on to the card. You can set the play order and interval time of each slide and start and stop times, giving you complete control over every aspect of your digital presentation.

Multi Touch Screen Display

These interactive displays are simple to use and include both landscape and portrait models. The displays use an infrared multi touch screen system which is ideal for public locations as a finger, gloved hand, pen or stylus can be used as a pointer. Activating the screen requires no pressure so will incur less damage over time. Unlike capacitive touch screens, infrared touch screens do not require any glass patterning. Not only does this improve optical clarity, it also increases its durability. The protective glass has a Mohs hardness rating of 7, giving it the same hardness as Quartz.

Free Standing Digital Poster

These Freestanding Digital Posters featuring full HD 1080p video display are designed to be complete digital signage solutions. With a built-in HD media player no additional hardware is required. As well as being portable, they can be in constant use and have a wide viewing angle. Tempered glass styling and no buttons or controls on show provide a sleek elegance. An eco-friendly power timer allows the user to set what time the display turns on and off during a week. With a range of inputs you can switch between VGA, AV, HDMI, YPbPr, Video IN.



Wall Mounted Digital Poster

Free Standing Digital Poster

Digital Advertising Display

Outdoor Digital Poster

Multi Touch Screen Display

Product Code	Description
1630000	21" Wall Mounted Digital Poster Portrait Display
1630002	40" Freestanding Digital Poster Display with Literature Stand
1630003	46" Freestanding Digital Poster Portrait Display
1630004	55" Freestanding Digital Poster Portrait Display
1630005	65" Freestanding Digital Poster Portrait Display
1630006	19" Digital Advertising Display
1630007	24" Digital Advertising Display
1630008	32" Digital Advertising Display
1630009	40" Digital Advertising Display
1630010	46" Digital Advertising Display
1630011	55" Digital Advertising Display
1630012	65" Digital Advertising Display
1630013	46" Outdoor Freestanding Poster
1630014	40" Landscape Freestanding Infra Red Multi Touch Screen Display
1630015	46" Portrait Freestanding Infra Red Multi Touch Screen Display
1630016	55" Portrait Freestanding Infra Red Multi Touch Screen Display

Mitsubishi

Mitsubishi Electric’s range of LCD displays have been designed to suit all digital signage applications within retail environments, public information points, reception areas and meeting rooms. All produce high definition images and come equipped with a host of features including a screen saver function, fast response times, high contrast and high brightness levels. All have been manufactured to the highest quality, and come with a three year on-site exchange warranty providing endless crystal clear images.

Mitsubishi LDT323V

Code: 1670041



MDT652S 65” Slim Bezel

Code: 1600043

The MDT652S Slim bezel 65” public display LCD features high brightness and contrast, fast response times, motion shift as well as energy efficient features such as a screen saver and scheduling functions; and can be viewed in either portrait or a landscape format and can be tiled to create an impressive, eye catching display wall. It also features a built-in CAT5 receiver and a unique dual light sensor, making it ideal for public display and digital signage applications in retail stores, airports, leisure facilities and public spaces.



COMMERCIAL LCD SCREENS

Product Code	Model	Size	Resolution	Format	Brightness	Contrast Ratio	Orientation	Dimensions (HxWxD mm)	Weight
1600037	LDT323V	32"	WXGA	16:9	450cd/m2	3000:1	Landscape Portrait	789 x 476 x 133	14.5kg
1600038	LDT422V	42"	Full HD	16:9	500cd/m2	1300:1	Landscape Portrait	1023 x 614 x 133	21kg
1600040	LDT461V2	46"	Full HD	16:9	500cd/m2	4000:1	Landscape Portrait	1122 x 663 x 136	33kg
1600041	LDT551V	55"	Full HD	16:9	500cd/m2	5000:1	Landscape Portrait	1299 x 770 x 125	40kg
1600039	MDT421S	42" Slim Bezel	Full HD	16:9	700cd/m2	1100:1	Landscape Portrait	966 x 559 x 116	23.5kg
1600042	MDT551S	55" Slim Bezel	Full HD	16:9	700cd/m2	2000:1	Landscape Portrait	1202 x 698 x 122	37kg
1600043	MDT652S	65" Slim Bezel	Full HD	16:9	700cd/m2	4000:1	Landscape Portrait	1498 x 873 x 139	46.5kg
1600044	VS-L55HM70U	55" Ultra Slim Bezel	Full HD	16:9	700cd/m2	3500:1	Landscape Portrait	1215 x 686 x 173	40kg



MDT421S 42” Slim Bezel

Code: 1600039



MDT551S 55” Slim Bezel

Code: 1600042

Mitsubishi’s new slim bezel LCD public display monitors feature a range of advanced technological designs and benefit from an attractive 19.5mm aluminium bezel, which is available in either black or silver. The narrow bezel minimises image distortion in tiled installations: a combination of 25 panels (5 x 5) can be installed in one configuration to create a large format high impact display.



LDT461V2

Code: 1600040

Mitsubishi’s LDT461V2 is a Full HD 1080p widescreen LCD monitor that is the perfect solution for use within retail stores, information points, reception areas, classrooms and business presentations as well as within a number of commercial applications. Benefiting from a low reflective screen surface, the 46” LCD monitor ensures that any bright light reflecting on to the screen causing a glare within shop windows will be eliminated.

Projectors - NEC



NEC M SERIES

The M Series of projectors have advanced Eco features to help substantially lower operating costs without compromising on quality and flexibility. With brightness levels up to 4200 ANSI lumens in XGA resolution and 3000 ANSI lumens in WXGA resolution there is an M Series projector suitable for all applications.



NEC V260X

Code: 1610003

The V260X has DLP-Link Technology, enabling the projection of 3D images using a single projector and glasses with no active special lens, filter or emitter. The 3D effect is created using active shutter glasses. Features include XGA resolution, 2600 ANSI lumens and 3500 hour lamp life.



NEC PA600X

Code: 1610049

A top performer for multiple business applications with highest brightness paired with best installation flexibility and excellent connectivity. The PA600X's special inorganic panels provide for longer operation times and less service cost.

- 3D Starter Kit (NP01SK3D)**
Suitable for all V Series models

Code: 1610029
- * WiFi Dongle (NP02LM2)**
Suitable for all wireless NEC projectors

Code: 1610030
- NEC Interactive Whiteboard Kit (NP01Wi2)**
For use with NEC U Series ultra short throw projectors

Code: 1610035

	Product Code	Model	Native Resolution	ANSI Lumens	Lamp Life	Contrast Ratio	Throw Ratio	Keystone	Wireless	Network	RGB Inputs	HDMI / DVI	DLP / LCD	Dimensions (WxHxD) mm	Weight	Notes
V SERIES	1610000	V260	SVGA	2600	3500	2000:1	1.95 - 2.15 : 1	V	No	No	1	No	DLP	310 x 95 x 247	2.5kg	
	1610002	V230X	XGA	2300	3500	2000:1	1.95 - 2.15 : 1	V	No	No	1	No	DLP	310 x 95 x 247	2.5kg	
	1610003	V260X	XGA	2600	3500	2000:1	1.95 - 2.15 : 1	V	No	Yes	2	HDMI	DLP	310 x 95 x 247	2.5kg	
	1610004	V300X	XGA	3000	3000	2000:1	1.95 - 2.15 : 1	V	No	Yes	2	HDMI	DLP	310 x 95 x 247	2.5kg	
	1610031	V260W	WXGA	2600	3000	2000:1	1.95 - 2.15 : 1	V	No	Yes	2	HDMI	DLP	310 x 95 x 247	2.5kg	
	1610032	V300W	WXGA	3000	3000	2000:1	1.95 - 2.15 : 1	V	No	Yes	2	HDMI	DLP	310 x 95 x 247	2.5kg	
M SERIES	1610005	M230X	XGA	2300	5000	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	339 x 99 x 257	2.9kg	
	1610006	M260X	XGA	2600	5000	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	339 x 99 x 257	2.9kg	
	1610007	M300X	XGA	3000	5000	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	339 x 99 x 257	2.9kg	
	1610008	M350X	XGA	3500	4000	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	339 x 99 x 257	2.9kg	
	1610009	M420X	XGA	4200	3500	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	398 x 115 x 282	3.6kg	
	1610010	M260W	WXGA	2600	5000	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	339 x 99 x 257	2.9kg	
	1610011	M300W	WXGA	3000	4000	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	339 x 99 x 257	2.9kg	
M - short throw	1610012	M260XS	XGA	2600	5000	2000:1	0.47:1	V	*Optional	Yes	2	HDMI	LCD	398 x 140 x 309.5	4kg	
	1610013	M300XS	XGA	3000	4000	2000:1	0.47:1	V	*Optional	Yes	2	HDMI	LCD	398 x 140 x 309.5	4kg	
	1610014	M350XS	XGA	3500	3000	2000:1	0.47:1	V	*Optional	Yes	2	HDMI	LCD	398 x 140 x 309.5	4kg	
	1610015	M260WS	WXGA	2600	4000	2000:1	0.47:1	V	*Optional	Yes	2	HDMI	LCD	398 x 140 x 309.5	4kg	
	1610016	M300WS	WXGA	3000	3000	2000:1	0.47:1	V	*Optional	Yes	2	HDMI	LCD	398 x 140 x 309.5	4kg	
P SERIES	1610038	P350W	WXGA	3500	3000	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	398 x 282 x 115	3.9kg	
	1610037	P420X	XGA	3000	4200	2000:1	1.3 - 2.2 : 1	V	*Optional	Yes	2	HDMI	LCD	398 x 282 x 115	3.9kg	
U SERIES	1610017	U250X	XGA	2500	2500	2000:1	0.37:1	V	No	Yes	2	HDMI	DLP	427 x 200 x 406	6.5kg	
	1610018	U260W	WXGA	2600	2500	2000:1	0.3:1	V	No	Yes	2	HDMI	DLP	427 x 200 x 406	6.5kg	
	1610019	U300X	XGA	3000	2500	2000:1	0.37:1	V	No	Yes	1	HDMI	DLP	427 x 200 x 406	6.5kg	
	1610020	U310W	WXGA	3100	2500	2000:1	0.3:1	V	No	Yes	2	HDMI	DLP	427 x 200 x 406	6.5kg	
Ultra Portable	1610023	NP64	XGA	3000	3500	1600:1	1.8 - 2.16 : 1	V	No	No	1	No	DLP	246 x 72 x 177	1.7kg	
	1610033	L50W	WXGA	500	No lamp required	2500:1	1.4 : 1	V	No	No	1	No	LED	226 x 43 x 174	1.2kg	Office viewer features
PA SERIES	1610048	PA500X	XGA	5000	4000 (eco)	2000:1	Depends on lens	V & H	*Optional	Yes	2	HDMI	LCD	499 x 144 x 359	7.7kg	Horizontal & vertical lens shift**
	1610043	PA550W	WXGA	5500	4000 (eco)	2000:1	Depends on lens	V & H	*Optional	Yes	2	HDMI	LCD	499 x 144 x 359	7.7kg	Horizontal & vertical lens shift**
	1610049	PA600X	XGA	6000	4000 (eco)	2000:1	Depends on lens	V & H	*Optional	Yes	2	HDMI	LCD	499 x 144 x 359	7.7kg	Horizontal & vertical lens shift**
	1610051	PA500U	WUXGA	5000	4000 (eco)	2000:1	Depends on lens	V & H	*Optional	Yes	2	HDMI	LCD	499 x 144 x 359	7.7kg	Horizontal & vertical lens shift**
PX SERIES	1610045	PX800X	XGA	8000	2500 (eco)	2000:1	Depends on lens	v & h	*Optional	yes	2	HDMI	DLP	504 x 192 x 516	19.7kg	Dual lamp, horizontal & vertical lens shift*
	1610047	PX700W	WXGA	7000	2500 (eco)	2000:1	Depends on lens	v & h	*Optional	yes	2	HDMI	DLP	504 x 192 x 516	19.7kg	Dual lamp, horizontal & vertical lens shift*
	1610055	PX750U	WUXGA	7500	2500 (eco)	2000:1	Depends on lens	v & h	*Optional	yes	2	HDMI	DLP	504 x 192 x 516	19.7kg	Dual lamp, horizontal & vertical lens shift*

** Supplied without lens, please contact your Account Manager for details of lenses available

Mitsubishi Projectors



Mitsubishi XL7100U

Code: 1600012

These installation projectors utilise LCD technology and have impressive lighting capabilities, high contrast figures and several environmentally friendly features, such as 4000 hour lamp life, an inorganic long-life LCD panel and unpainted chassis. Capable of producing clear and sharp large-screen presentations in lecture theatres, auditoriums, boardrooms and conference suites, these user friendly projectors with brightness of up to 6000 ANSI lumens are ideal for high impact visual communication.



Mitsubishi EX240U

Code: 1600006

Perfect for education, the EX240U has a host of great features, including portability, XGA resolution, a brightness of 2500 lumens, 4000 hour lamp life and network connectivity. This projector has silent operation for distraction free presentations, and wall screen functionality for projecting on to various coloured walls.



Mitsubishi FD630U

Code: 1600020

The FD630U is a high brightness and high contrast level projector for presentations in large meeting rooms and conference halls. Featuring 4000 lumens of brightness and 5000 hour lamp life this projector can produce high performance native 1080p images for outstanding picture quality.

BUSINESS

Product Code	Model	Native Resolution	ANSI Lumens	Lamp Life	Contrast Ratio	Throw Ratio	Keystone	Network	RGB Inputs	HDMI / DVI	DLP / LCD	Dimensions (WxHxD) mm	Weight	Notes
1600009	XD590U	XGA	3800	5000	2000:1	1.4 - 2.1 : 1	V	Yes	1	HDMI		345 x 129 x 270	3.7kg	
1600010	XD600U	XGA	4500	5000	2000:1	1.4 - 2.1 : 1	V	Yes	2	HDMI		345 x 129 x 270	3.6kg	
1600045	XD700U	XGA	5000	5000	3000:1	1.4 - 2.1:1	V	Yes	2	HDMI	DLP	345 x 134 x 270	4.1kg	Manual vertical lens shift
1600046	WD720U	WXGA	5000	5000	3000:01:00	1.5 - 2.2:1	V	Yes	2	HDMI	DLP	345 x 134 x 270	4.1kg	Manual vertical lens shift
1600020	FD630U	1920 x 1080	4000	5000	2000:1	1.4 - 2.1 : 1	V	Yes	2	HDMI		345 x 129 x 270	3.8kg	Full HD
1600008	XD560U	XGA	3500	6000	3000:1	1.4 - 2.3 : 1	V	Yes	2	HDMI		325 x 113 x 258	3.5kg	
1600016	WD570U	WXGA	3500	6000	3000:1	1.5 - 2.3 : 1	V	Yes	2	HDMI		325 x 113 x 258	3.8kg	
1600036	EW331U-ST	WXGA	3000	5000	2000:1	1.5 - 2.0 : 1	V	Yes	2	HDMI		282 x 94 x 229	2.5kg	

EDUCATION

1600006	EX240U	XGA	2500	4000	2000:1	1.9 - 2.1 : 1	V	Yes	2	HDMI		282 x 92 x 229	2.4kg	
1600007	EX320U	XGA	3000	5000	2000:1	1.5 - 2.0 : 1	V	Yes	2	HDMI		282 x 94 x 229	2.5kg	
1600005	EX220U	XGA	2500	4000	2000:1	1.9 - 2.1 : 1	V	No	2	No		282 x 92 x 229	2.4kg	
1600014	EW270U	WXGA	2600	4000	2000:1	1.5 - 1.6 : 1	V	Yes	2	HDMI		282 x 94 x 229	2.4kg	
1600002	XD360U-EST BOOM	XGA	2500	6000	3000:1	0.469 : 1	V	Yes	2	HDMI		325 x 113 x 258	2.4kg	Wall mount included
1600032	WD385U-EST BOOM	WXGA	2800	6000	3000:1	0.375 : 1	V	Yes	2	HDMI		325 x 113 x 258	4.1kg	Available with interactive pen, wall mount included
1600030	XD365U-EST BOOM	XGA	2500	6000	3000:1	0.469 : 1	V	Yes	2	HDMI		325 x 113 x 258	4.1kg	Available with interactive pen, wall mount included
1600004	WD380U-EST BOOM	WXGA	2800	6000	3000:1	0.375 : 1	V	Yes	2	HDMI		325 x 113 x 258	4.1kg	Wall mount included
1600001	EX321U-ST	XGA	3000	5000	2000:1	0.608 : 1	V	Yes	2	HDMI		282 x 92 x 229	2.9kg	
1600003	EW230U-ST	WXGA	2500	4000	2000:1	0.5 : 1	V	Yes	2	HDMI		282 x 94 x 229	2.8kg	

PROFESSIONAL INSTALL

1600011	XD3500U	XGA	5000	4000	2500:1	1.7 - 2.4 : 1	V / H	Yes	1	Both		450 x 194 x 373	10.3kg	
1600018	WD3300U	WXGA	4000	4000	2300:1	1.7 - 2.4 : 1	V / H	Yes	1	Both		450 x 187 x 373	10.3kg	
1600047	XL7000U	XGA	5200	4000	2000:1	1.5 - 2.1:1	V / H	Yes	2	Both	LCD	481 x 179 x 418	10.5kg	
1600012	XL7100U	XGA	6000	4000	2000:1	1.5 - 2.7 - 1	V / H	Yes	2	Both		480 x 173 x 420	10.5kg	
1600034	UL7400	WUXGA	5000	4000	2000:1	1.5 - 2.7 - 1	V / H	Yes	2	Both	LCD	480 x 173 x 420	10.5kg	
1600048	WL7050U	WXGA	4700	4000	2000:1	1.5 - 2.7:1	V / H	Yes	2	Both	LCD	480 x 173 x 420	10.5kg	
1600027	WL7200U	WXGA	5500	4000	2000:1	1.5 - 2.7 - 1	V / H	Yes	2	Both		480 x 173 x 420	10kg	
1600013	XD8100U	XGA	7000	4000/8000	2000:1	1.7 - 2.4 : 1	V / H	Yes	2	Both		490 x 201 x 421	16kg	Dual lamp
1600019	WD8200U	WXGA	6500	4000/8000	2000:1	1.7 - 2.4 : 1	V / H	Yes	2	Both		490 x 201 x 421	16kg	Dual lamp
1600021	UD8350U	WUXGA	6500	4000/8000	2000:1	1.7 - 2.4 : 1	V / H	Yes	2	Both		490 x 201 x 421	16kg	Non SDI version, dual lamp
1600029	UD8400U	WUXGA	6500	4000/8000	2000:1	1.7 - 2.4 : 1	V / H	Yes	2	Both		490 x 201 x 421	16kg	Dual lamp

HOME CINEMA

1600035	HC4000	1920x1080	1300	5000	3600:1	1.4- 2.1 : 1	V	Yes		HDMI		345 x 129 x 270	3.6kg	Full HD
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Hitachi Projectors

HITACHI
Inspire the Next

	Product Code	Model	Native Resolution	ANSI Lumens	Lamp Life	Contrast Ratio	Throw Ratio	Keystone	Wireless	Network	RGB Inputs	HDMI / DVI	DLP / LCD	Dimensions (WxHxD) mm	Weight	Notes
EDUCATION	1780123	CP-A221NM	XGA	2200	5000 Eco	2000:1	0.3:1	V	No	Yes	2	HDMI	LCD	345 x 85 x 303	3.8Kg	Includes wall mount
	1780124	CP-AW251NM	WXGA	2500	5000 Eco	2000:1	0.3:1	V	No	Yes	2	HDMI	LCD	345 x 85 x 303	3.8Kg	Includes wall mount
	1780505	CP-AW2519NM	WXGA	2500	5000 Eco	2000:1	0.3:1	V	No	Yes	2	HDMI	LCD	345 x 102 x 303	4.1kg	Interactive, includes wall mount
	1780110	CP-X2021WN	XGA	2200	5000 Eco	2000:1	1.5-1.7:1	V	*Yes	Yes	2	HDMI	LCD	306 x 77 x 221	2.3kg	
	1780111	CP-RX94	XGA	2600	5000 Eco	2000:1	1.5-1.7:1	V	No	No	2	HDMI	LCD	306 x 77 x 221	2.3kg	
PORTABLE	1780109	CP-RX93	XGA	2600	4000 Eco	1000:1	1.5-1.7:1	V	No	No	1	No	LCD	306 x 77 x 221	2.3kg	
	1780113	CP-X2521WN	XGA	2700	5000 Eco	2000:1	1.5-1.8:1	V	*Yes	Yes	2	HDMI	LCD	306 x 77 x 221	2.3kg	
	1780112	CP-X3021WN	XGA	3200	5000 Eco	2000:1	1.5-1.8:1	V	*Yes	Yes	2	HDMI	LCD	306 x 77 x 221	2.3kg	
	1780097	CP-X8	XGA	2700	4000 Eco	500:1	1.3-1.5:1	V	No	No	1	HDMI	LCD	306 x 77 x 221	2.2kg	
	1780108	CP-X11WN	XGA	3200	5000 Eco	2000:1	1.3-1.5:1	V	*Yes	Yes	2	HDMI	LCD	306 x 77 x 221	2.3kg	
MULTI PURPOSE	1780125	CP-WX12	WXGA	2600	4000 Eco	500:1	1.5-1.8:1	V	No	No	1	HDMI	LCD	306 x 77 x 221	2.2kg	
	1780104	CP-X2514WN	XGA	2700	6000 Eco	3000:1	1.5-1.8:1	V	*Yes	Yes	2	HDMI	LCD	317 x 98 x 288	3.5kg	
	1780105	CP-X3014WN	XGA	3200	6000 Eco	3000:1	1.5-1.8:1	V	*Yes	Yes	2	HDMI	LCD	317 x 98 x 288	3.5kg	
	1780106	CP-WX3014WN	WXGA	3000	6000 Eco	3000:1	1.5-1.8:1	V	*Yes	Yes	2	HDMI	LCD	317 x 98 x 288	3.5kg	
	1780107	CP-X4014WN	XGA	4000	6000 Eco	3000:1	1.5-1.8:1	V	*Yes	Yes	2	HDMI	LCD	317 x 98 x 288	3.5kg	
	1780093	CP-X4021N	XGA	4000	5000 Eco	2000:1	1.5-2.5:1	V / H	No	Yes	1	HDMI	LCD	400 x 103 x 318	4.6kg	
	1780094	CP-WX4021N	WXGA	4000	5000 Eco	2000:1	1.5-2.5:1	V / H	No	Yes	1	HDMI	LCD	400 x 103 x 318	4.6kg	
	1780086	CP-X5021	XGA	5000	5000 Eco	2000:1	1.5-2.5:1	V / H	No	Yes	1	HDMI	LCD	400 x 103 x 318	4.6kg	
	1780069	CP-D10	XGA	2000	4000 Eco	500:01:00	0.57:1	V	No	No	2	No	LCD	333 x 103 x 303	3.5kg	
	1780126	CP-A301NM	XGA	3000	5000 Eco	2000:1	0.3:1	V	No	Yes	2	HDMI	LCD	345 x 85 x 303	3.8Kg	Includes wall mount
INSTALLATION	1780114	BZ-1M	WXGA	2500	5000 Eco	2000:1	0.3:1	V	No	Yes	2	HDMI	LCD	345 x 102 x 303	4.1kg	Interactive, includes wall mount
	1780115	CP-X8150	XGA	5000	4000 Eco	3000:1	1.5-2.2:1	V	*Yes	Yes	1	2 HDMI	LCD	498 x 135 x 396	8.3kg	
	1780116	CP-X8160	XGA	6000	3000 Eco	3000:1	1.5-2.2:1	V	*Yes	Yes	1	2 HDMI	LCD	498 x 135 x 396	8.3kg	
	1780117	CP-WX8240	WXGA	4000	4000 Eco	3000:1	1.5-2.2:1	V	*Yes	Yes	1	2 HDMI	LCD	498 x 135 x 396	8.3kg	
	1780118	CP-WX8255	WXGA	5500	3000 Eco	3000:1	1.5-3:1	V	*Yes	Yes	1	2 HDMI	LCD	498 x 135 x 396	8.6kg	
PROFESSIONAL	1780119	CP-WU8440	WUXGA	4000	4000 Eco	3000:1	1.5-2.9:1	V	*Yes	Yes	1	2 HDMI	LCD	498 x 135 x 396	8.6kg	
	1780120	CP-WU8450	WUXGA	5000	3000 Eco	3000:1	1.5-2.9:1	V	*Yes	Yes	1	2 HDMI	LCD	498 x 135 x 396	8.6kg	
	1780044	CP-WX11000W	WXGA	6500	4000 Eco	2500:1	Lens not included**		No	Yes	2	HDMI	LCD	476 x 272 x 469	13.2kg	Virtually maintenance free inorganic LCD panels and polarizer filters
	1780045	CP-X10000	XGA	7500	4000 Eco	2500:1	Lens not included**		No	Yes	2	HDMI	LCD	476 x 272 x 469	13.2kg	
	1780046	CP-SX12000W	SXGA	7000	4000 Eco	2500:1	Lens not included**		No	Yes	2	HDMI	LCD	476 x 272 x 469	13.2kg	

**Hitachi Professional Projectors have a wide range of lenses available.
Contact your Sahara Account Manager for more details.

* via optional wireless dongle



Hitachi CP-AW2519NM

Code: 1780505

The innovative CP-AW2519NM can deliver a complete interactive experience on any flat surface. Network ready with a built-in infrared and ultrasonic sensor and integrated with Hitachi StarBoard software, the CP-AW2519NM is compact and provides high performance projection in small spaces, The WXGA resolution, 2500 ANSI lumens, up to 5000 hours of lamp life and compatibility with rich content makes it perfect for education settings. To ensure easy installation the CP-AW2519NM comes with an easy install wall mount that makes the precise setup and fine adjustments quick and simple.



Hitachi CP-A221NM

Code: 1780123

The lightweight and compact CP-A221NM ultimate short throw projector is easy to install and flexible to use. Features include XGA resolution, 2200 ANSI lumens and 5000 hour lamp life in Eco Mode. With the bundled wall mount and optional table top kit you can project on to any existing whiteboard, wall or table top.



Hitachi CP-X2021WN

Code: 1780110

Designed for teaching environments, the compact and lightweight CP-X2021WN portable projector delivers a superb high contrast image. With wireless network capabilities and simple user functionality teachers and students can set up their presentations in seconds. Features include XGA resolution, 2200 ANSI lumens and up to 5000 hour lamp life.

Casio Projectors



Green Slim Series

The Green Slim series is the perfect choice for customers looking to upgrade their existing installed projectors. An industry leading 2x optical zoom means that a Green Slim model will replace any installed projector seamlessly without having to change the ceiling brackets.



Pro Series

Perfect for large meeting rooms and school halls, both models in the Pro Series deliver up to 4000 ANSI lumens with consistent brightness and a 20,000 hour life expectancy. Intelligent Brightness Control adjusts the light output according to the levels of ambient light, which minimises power consumption and running costs by ensuring that the brightness delivered is no more than actually required.



Short Throw Series

The XJ-ST145 and XJ-ST155 deliver a short throw projection solution using the cost-effective, environmentally friendly Casio Laser and LED Hybrid light source. Perfect for use with whiteboards in classrooms or in meeting rooms where space is limited, the Short Throw models can achieve a 60" screen from just 80cm away from the display surface.



Signature Series

The Signature series offers versatile projection solutions using the cost-effective, environmentally friendly Casio and LED Hybrid light source. Thanks to Intelligent Brightness Control the light output is automatically adjusted according to the levels of ambient light. This minimises power consumption and running costs by ensuring that the brightness delivered is no more than actually required.

GREEN SLIM SERIES

Product Code	Model	Native Resolution	ANSI Lumens	Lamp Life	Contrast Ratio	Throw Ratio	Keystone	Wireless	Network	RGB Inputs	HDMI / DVI	DLP / LCD	Dimensions (WxHxD) mm	Weight	Notes
1620024	XJ-A131	XGA	2000	20,000	2000:1	1.4-2.8:1	V	No	No	1	HDMI	DLP	297 x 43 x 210	2.3kg	Ambient light sensor
1620025	XJ-A141	XGA	2500	20,000	2000:1	1.4-2.8:1	V	No	No	1	HDMI	DLP	297 x 43 x 210	2.3kg	Ambient light sensor
1620026	XJ-A146	XGA	2500	20,000	2000:1	1.4-2.8:1	V	Yes	No	1	HDMI	DLP	297 x 43 x 210	2.3kg	Ambient light sensor
1620027	XJ-A241	WXGA	2500	20,000	2000:1	1.15-2.3:1	V	No	No	1	HDMI	DLP	297 x 43 x 210	2.3kg	HD ready, ambient light sensor
1620028	XJ-A246	WXGA	2500	20,000	2000:1	1.15-2.3:1	V	Yes	No	1	HDMI	DLP	297 x 43 x 210	2.3kg	HD ready, ambient light sensor
1620029	XJ-A251	WXGA	3000	20,000	2000:1	1.15-2.3:1	V	No	No	1	HDMI	DLP	297 x 43 x 210	2.3kg	HD ready, ambient light sensor
1620030	XJ-A256	WXGA	3000	20,000	2000:1	1.15-2.3:1	V	Yes	No	1	HDMI	DLP	297 x 43 x 210	2.3kg	HD ready, ambient light sensor

SIGNATURE SERIES

1620000	XJ-M130	XGA	2000	20,000	1800:1	1.64-2.46:1	V	No	No	1	HDMI	DLP	311 x 92 x 244	3.9kg	
1620001	XJ-M140	XGA	2500	20,000	1800:1	1.64-2.46:1	V	No	No	1	HDMI	DLP	311 x 92 x 244	3.9kg	
1620002	XJ-M145	XGA	2500	20,000	1800:1	1.64-2.46:1	V	Yes	Yes	1	HDMI	DLP	311 x 92 x 244	3.9kg	
1620003	XJ-M150	XGA	3000	20,000	1800:1	1.64-2.46:1	V	No	No	1	HDMI	DLP	311 x 92 x 244	3.9kg	
1620004	XJ-M155	XGA	3000	20,000	1800:1	1.64-2.46:1	V	Yes	Yes	1	HDMI	DLP	311 x 92 x 244	3.9kg	
1620005	XJ-M240	WXGA	2500	20,000	1800:1	1.32-1.93:1	V	No	No	1	HDMI	DLP	311 x 92 x 244	3.9kg	HD ready
1620006	XJ-M245	WXGA	2500	20,000	1800:1	1.32-1.93:1	V	Yes	Yes	1	HDMI	DLP	311 x 92 x 244	3.9kg	HD ready
1620007	XJ-M250	WXGA	3000	20,000	1800:1	1.32-1.93:1	V	No	No	1	HDMI	DLP	311 x 92 x 244	3.9kg	HD ready
1620008	XJ-M255	WXGA	3000	20,000	1800:1	1.32-1.93:1	V	Yes	Yes	1	HDMI	DLP	311 x 92 x 244	3.9kg	HD ready

SHORT THROW SERIES

1620009	XJ-ST145	XGA	2500	20,000	1800:1	0.68:1	V	Yes	Yes	2	HDMI	DLP	420 x 106 x 323	7.1kg	
1620010	XJ-ST155	XGA	3000	20,000	1800:1	0.68:1	V	Yes	Yes	2	HDMI	DLP	420 x 106 x 323	7.1kg	

PRO SERIES

1620020	XJ-H1600	XGA	3500	20,000	1400:1	1.60-1.91:1	V	No	No	2	HDMI	DLP	400 x 106 x 323	7.1kg	
1620021	XJ-H1650	XGA	3500	20,000	1400:1	1.60-1.91:1	V	Yes	Yes	2	HDMI	DLP	400 x 106 x 323	7.1kg	
1620022	XJ-H1700	XGA	4000	20,000	1400:1	1.60-1.91:1	V	No	No	2	HDMI	DLP	400 x 106 x 323	7.1kg	
1620023	XJ-H1750	XGA	4000	20,000	1400:1	1.60-1.91:1	V	Yes	Yes	2	HDMI	DLP	400 x 106 x 323	7.1kg	
1620064	XJ-H2600	WXGA	3500	20,000	1400:1	1.60-1.91:1	V	No	No	2	HDMI	DLP	400 x 106 x 323	7.1kg	
1620065	XJ-H2650	WXGA	3500	20,000	1400:1	1.60-1.91:1	V	Yes	Yes	2	HDMI	DLP	400 x 106 x 323	7.1kg	

Document Cameras

Qomo QPC60

Code: 1220101

- HDMI output to 720p
- Record/playback video in MP4 format
- Built-in microphone and speaker
- LCD colour display and backlit stage
- High quality 5MP CMOS camera
- 48x optical quality zoom
- Macro mode
- SD card slot
- Remote control
- Microscope adapter
- 4 rotational axis
- Compact storage
- 2 year warranty
- VGA output and input, video output, audio input and output
- Video and screen capture with playback

The QPC60 Document Camera can be used without a computer to create a snapshot or record an MP4 video and audio with the built-in microphone. Then it can be played back via the on-board colour LCD display and speaker. Save everything to the SD card and transfer it to another computer. The QPC60 Document Camera allows you to present anywhere.



Navigate easily through a variety of functions on the control panel, including image capture, freeze, text and graphics, colour selection, image rotation, and many more. The fully articulated arm allows for dynamic viewing angles and depths; and rotation at the base allows for 180 degrees of shooting area

Qomo QPC20

Code: 1220100

- USB Computer Connection
- 5MP Image/Video capture
- Ultra portable form factor
- Durable metal body construction
- Adjustable built-in bright LED lighting
- Folding arm for efficient storage
- Small footprint for use in any situation
- PC Compatibility
- Included viewing pad for good contrast
- 5MP Resolution
- 2 year warranty

The QPC20 has a high quality image, is ultra-portable, and is in an extremely lightweight document camera at an affordable price. The QPC20 features USB 2.0 connection for image and video capturing. The low energy consumption LEDs provides illumination in any condition. The QPC20 is the perfect balance between quality and portability making it ideal for transportation and presenting in almost any situation.

Projection Screens

Electric

Product Code	Viewing Area (WxH mm)	Dimensions (WxH mm)	Casing (WxHxD mm)	Weight (kg)	Warranty	Notes
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ELECTRIC WALL SCREENS

1340346	1740 x 1305	1800 x 1350	1937 x 94 x 103	7.7kg	3 year RTB warranty	
1340347	1940 x 1455	2000 x 1500	2137 x 94 x 103	9.5kg	3 year RTB warranty	
1340348	2300 x 1725	2400 x 1800	2875 x 94 x 103	11.5kg	3 year RTB warranty	
1340349	2700 x 2025	2800 x 2100	3375 x 94 x 103	12.9kg	3 year RTB warranty	
1340342	2900 x 2175	3000 x 2550	3165 x 94 x 103	23.6kg	3 year RTB warranty	
1340343	3500 x 2625	3600 x 2700	3798 x 94 x 103	26.5kg	3 year RTB warranty	
1340344	4020 x 3015	4120 x 3175	4336 x 126 x 120	49kg	1 year RTB warranty	
1340350	1740 x 978	1800 x 1020	1937 x 127 x 103	8kg	3 year RTB warranty	
1340351	1940 x 1091	2000 x 1130	2137 x 105 x 105	9kg	3 year RTB warranty	
1340352	2300 x 1293	2400 x 1350	2537 x 105 x 105	11.1kg	3 year RTB warranty	

ECONOMY SKYLINE ELECTRIC WALL SCREEN

1340090	1740 x 979	1800 x 1039	2000 x 88 x 88	10kg	1 year RTB warranty	While stocks last
1340091	1940 x 1092	2000 x 1152	2000 x 88 x 88	11kg	1 year RTB warranty	While stocks last

SQUARE FORMAT ELECTRIC SCREEN

1340381	1740 x 1740	1800 x 1800	2020 x 82 x 82	10.4kg	3 year RTB warranty	
1340382	1940 x 1940	2000 x 2000	2220 x 82 x 82	12kg	3 year RTB warranty	
1340383	2340 x 2340	2400 x 2400	2620 x 82 x 82	16.3kg	3 year RTB warranty	
1340384	2940 x 2940	3000 x 3000	3220 x 82 x 82	18.9kg	3 year RTB warranty	



Sahara Electric Wall Screen

- Matte white surface eliminates glare
- White aluminium casing with white end caps
- Channel fixing brackets
- RF remote supplied



Sahara Square Format Electric Screen

- Matte white surface eliminates glare
- White aluminium casing with white end caps
- RF remote supplied

Manual

Mobile



Sahara Manual Wall Screen

- Matt white surface eliminates glare
- White aluminium casing with white end caps
- Channel fixing brackets
- 3-8 second retract speed

Wall Brackets



Pull Up Screen 4:3

Product Code	Viewing Area (WxH mm)	Dimensions (WxH mm)	Casing (WxHxD mm)	Weight (kg)	Warranty	Notes
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MANUAL WALL SCREENS 4:3

1340374	1740 x 1350	1800 x 1350	1920 x 94 x 103	10.2kg	3 year RTB warranty	
1340376	1940 x 1455	2000 x 1500	1920 x 94 x 103	11.5kg	3 year RTB warranty	
1340377	2300 x 1725	2400 x 1800	1920 x 94 x 103	12.9kg	3 year RTB warranty	
1340378	2900 x 2175	3000 x 2250	1920 x 94 x 103	14.8kg	3 year RTB warranty	

WALL SCREEN SQUARE FORMAT

1340368	1560 x 1560	1600 x 1600	1701 x 62 x 62	4.5kg	3 year RTB warranty	
1340369	1760 x 1760	1800 x 1800	1701 x 62 x 62	5.5kg	3 year RTB warranty	
1340375	1960 x 1960	2000 x 2000	1701 x 62 x 62	7kg	3 year RTB warranty	
1340395	2360 x 2360	2400 x 2400	1701 x 62 x 62	9.5kg	3 year RTB warranty	

Sahara Quick Fold Screen

- PVC
- Front and rear projection surface
- Lightweight and stable
- Easy set-up
- Strong aluminium portable casing supplied, ideal for transportation and storage

Sahara Premium Mobile Screen

- Matt white fabric
- Easy two-step assembly
- Black powder coated aluminium case
- Four castors
- Two carry handles

Product Code	Viewing Area (WxH mm)	Dimensions (WxH mm)	Max Height From Floor (mm)	Weight (kg)	Warranty	Notes
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TRIPOD SCREEN SQUARE FORMAT

1480001	1200 x 1200	1200 x 1200	2070mm	8.5kg	1 year RTB warranty	
1480002	1500 x 1500	1500 x 1500	2370mm	10.5kg	1 year RTB warranty	
1480003	1800 x 1800	1800 x 1800	3210mm	13.5kg	1 year RTB warranty	

PULL UP SCREEN SQUARE

1490021	1500 x 1500	1500 x 1500	2140mm	6.2kg	1 year RTB warranty	Pull up screen
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PULL UP SCREEN 4:3

1490020	1140 x 855	1146 x 923	1535mm	6.5kg	1 year RTB warranty	Pull up screen
1490027	1540 x 1155	1546 x 1223	1835mm	7.2kg	1 year RTB warranty	Pull up screen
1490028	1740 x 1305	1746 x 1423	2035mm	8.9kg	1 year RTB warranty	Pull up screen

PREMIUM MOBILE SCREEN

1340303	1950 x 1463	2000 x 2050		19.3kg	1 year RTB warranty	Pull up screen
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QUICK FOLD SCREEN 4:3

1340135	2019 x 1510	2032 x 1524	2334mm	29.1kg	1 year RTB warranty	Front and rear projection surface
1340136	2423 x 1819	2440 x 1830	2734mm	38.2kg	1 year RTB warranty	Front and rear projection surface
1340137	3027 x 2270	3050 x 2290	3910mm	47.8kg	1 year RTB warranty	Front and rear projection surface

Laptop Chargers

Leba NoteCart is a simple and stylish design of laptop charger suitable for any environment.



Leba NoteCart 16

Code: 1200091 - While stocks last

- 4 quality lockable wheels
- Secure multi point locking with a strong key lock
- A non-slip rubber mat with edging sites on the top of the cabinet to prevent movement of equipment
- Separate storage shelves for the power supply transformers
- 2 robust handles
- Permanently fitted ventilator
- Integrated control in the power panel to protect the NoteCart against power surges
- Socket at the bottom of the NoteCart supplying power to the ventilator
- Power supplies and associated wiring are accessible from the front of the NoteCart
- Dimensions: 1304 x 703 x 513mm (hwxwd) width incl. handles 863mm
- Weight: 80kg



Leba Simple NoteCart 16

Code: 1200140 - While stocks last



Moby-Go 16 Station Laptop Charger

Code: 1200020

- Accessible via both the lockable main and rear access doors
- Manoeuvrable on 4 heavy duty castors (2 fixed to rear, 2 swivel at front) but can be locked to a wall with the optional security bracket
- Updated product specification includes:
 - Greater ventilation in doors, sides and shelves
 - Greater strength to both the cabinet and wheels
 - A combined on/off switch which doubles as a circuit breaker with illumination when on
 - Four 4-way fused gangs each having two LED's - one indicates power to gang - the other indicates fuse is ok
- Circuit board gives surge protection
- Slots to the rear of each shelf make it easier to secure laptop power supplies
- Rubber stops are fitted to protect IEC plug and socket
- External Dimensions: 1040x915x620mm (hwxwd)
- Internal Dimensions: 710x850x590mm (hwxwd)
- Weight: 89.35kg

Also available with European power sockets, product code **1200020E**

Wall bracket available, product code **1200021**



Sahara AV Cabinet

Code: 1200008

- 2 adjustable shelves
- Includes cable tidy at rear of cabinet
- Accessory tray located on the inside of the door
- Top shelf slides out for ease of access
- Top and bottom edges protected by scuffing strip
- 2 rear steel grilles for ventilation
- Sturdy door lock • 2 robust handles



Vega AV955S

Code: 1200014

- Extendable top shelf
- Height adjustable shelves (2 available)
- Channels for cabling (top and rear)
- Top and bottom edges protected by scuffing strip
- Ventilation holes at rear of cabinet protected by netting
- Sturdy door lock
- Door has pocket for miscellaneous items
- Cable tidy (at rear of cabinet)
- Rack mounting kit included Inspection door to rear

Vega AV956/7

Code: 1200006/7

- High quality
- Extendable top shelf
- Height adjustable shelves (2 available)
- Channels for cabling (top and rear)
- Top and bottom edges protected by scuffing strip
- Ventilation holes at rear of cabinet protected by netting
- Sturdy door lock
- Door has pocket for miscellaneous items
- Cable tidy (at rear of cabinet)
- Rack mounting kit included

Product Code	Model	Colour	Castors	Door Opens	Weight (kg)	Dimensions (HxWxD mm)
1200006	Vega AV955	Beech	Yes, 2 lockable	270°	40kg	External 966 x 550 x 600 Internal 818 x 489 x 532
1200007	Vega AV956	Grey	Yes, 2 lockable	270°	40kg	External 966 x 550 x 600 Internal 818 x 489 x 532
1200014	Vega AV955S	Beech	Yes, 2 lockable	270° plus 90° rear inspection door	40kg	External 966 x 550 x 600 Internal 818 x 489 x 532
1200008	Sahara AV Cabinet	Beech	Yes, 2 lockable	270°	40kg	External 966 x 550 x 600 Internal 818 x 489 x 532

Lecterns

Roving Rack Std R

Code: 1260031

A high quality, melamine MDF lockable mobile unit with 18U rack strips (user fitted). Comes with castors (2 lockable), top and side cable grommets, removable lockable back and protective edging. Cupboard door opens 270 degrees for maximum access. Available in Beech and Grey.



Lectern 90

Code: 1260032

A lectern made from real wood veneered MDF to a very high standard with a shelf and base. Also available in other wood finishes and paint finishes for an extra charge.



Alpha Presenter 1200

Code: 1260033

A wooden mobile teaching desk with lockable 15U rack cupboard and 1200mm wide desktop and slim curved sides. Includes lockable removable back panel and full cable management. Door height and colours are customisable. Also available in wood veneer. Logo extra.



12U

Code: 1260014

A high quality real wood veneered lockable rack unit with lockable removable back panel. Can be supplied with rack strips (extra) or shelves (extra). Cable management in the base as standard



Rack Strips 12U

Code: 1260021

Rack strips for 12U rack unit



Shelves 12U

Code: 1260022

Internal shelves for 12U rack unit



PA10

Code: 1260010

A high quality, single width AV lectern with a 15U ventilated cupboard and a sliding keyboard shelf. Angled desk top with cable management and fixed front panel. Lockable doors, ventilation. Castors included. Beech as standard but available in other veneers and colours for an extra charge



Atlantis

Code: 1260029

A modern lectern made from powder coated steel, acrylic and wood. Metal base and top can be customised to the RAL colour of your choice (included in price). A logo can be incorporated for an extra charge.



Olympia

Code: 1260030

This lectern has been designed to look good from any angle. Made from powder coated steel, acrylic and wood. Metal base and top can be customised to the RAL colour of your choice (included in price)

Shelves PA10

Code: 1260018

WHILE STOCKS LAST



Lectern 80

Code: 1260026



18U

Code: 1260016

18U rack strip

Code: 1260028

Non stock items. Palletised delivery

Boards and Easels



Tripod Easel

Code: 1440005



D-Slide Easel

Code: 1440008



Presentation Easel

Code: 1440040



Mobile Easel

Code: 1440006



F10 Easel

Code: 1440004

FLIPCHART EASELS

Product Code	Model	Board Size (HxW mm)	Weight (kg)	Height (mm)	Warranty	Notes
1440005	Tripod Easel	985 x 655	10kg	1950mm (max)	1 year	Pen tray
1440040	Presentation Easel	860 x 650	6kg	1030 - 1740	1 year	Double sided magnetic whiteboard surface
1440006	Mobile Easel	1035 x 710	16.4kg	1200 - 2000	1 year	Magnetic whiteboard surface, pen tray, five castors (3 lockable)
1440004	F10 Easel	900 x 600	12kg	1800 - 1950	1 year	Quick release pad clamp, full length pen tray
1440008	D-Slide Easel	900 x 700	12kg	1100 - 1920	1 year	Accessory compartment

ACCESSORIES

Product Code	Description	Contents	Notes
1100120	Dry Wipe Markers	Pack of 12 (3x red, blue, black, green)	Suitable for use on flipchart pads and white boards
1100050	Magnetic Board Eraser		Washable
1100051	CleverSponge	Pack of 12, dimensions 100x60x28mm	Cleans with water alone
1100053	Whiteboard Starter Kit	250ml cleaning fluid, 20 wipes, magnetic eraser, 4x dry wipe marker pens (red, blue, black, green), 10x 25mm magnets	
1100052	Deluxe Accessory Kit	250ml cleaning fluid, 20 wipes, heavy duty magnetic eraser, 4 magnetic eraser refills, 4x dry wipe marker pens (red, blue, black, green), 10x 25mm magnets, horizontal pen holder	
1060001	Flipchart Paper	Wood free, perforated, pack of 5	A1 - 40 sheets per pad



Twin Track

Code: 1470001

- 2m twin track
- Suitable for all types of training room
- Easy to install and maintain
- Two mounting positions to hold equipment
- Decor strip available in grey or white to cover screw heads and joins

Twin Track Flipchart

- Supplied with top track hanging arms and pen tray
- Quick release clamp and adjustable supporting lugs
- Available with non-magnetic or coated steel surface



TWIN TRACK

Product Code	Description	Dimensions	Warranty	Notes
1470001	2m Track	60 x 2000 x 40mm (HxWxD)	5 year	Supplied with paper rollers
1470003	Decor Strip (white)	2.2m	1 year	
1470015	Non-Magnetic Dry-Wipe Board	1200 x 900mm (WxH)	2 year on board surface	Supplied with pen tray
1470016	Non-Magnetic Dry-Wipe Board	1800 x 900mm (WxH)	2 year on board surface	Supplied with pen tray
1470017	Coated Steel Dry-Wipe Board	1200 x 900mm (WxH)	2 year on board surface	
1470018	Coated Steel Dry-Wipe Board	1800 x 900mm (WxH)	2 year on board surface	
1470010	Non-Magnetic Flipchart	920 x 765mm (HxW)	1 year	
1470011	Coated Steel Flipchart	920 x 765mm (HxW)	1 year	Magnetic
1470005	Shelving Unit	2 x Shelves max 30kg load	1 year	Supports TV / DVD / books etc
1470021	Felt Notice Board - Blue	1200 x 900mm (WxH)	1 year	Accepts pins and velcro
1470020	Felt Notice Board - Grey	1200 x 900mm (WxH)	1 year	Accepts pins and velcro

POSTER FRAMES

Product Code	Model	Dimensions (HxWxD)	Warranty	Notes
1401350	A4 Poster Frame	331 x 244 x 17mm	1 year	Slender 25mm wide profile with mitred corners
1401351	A3 Poster Frame	454 x 331 x 17mm	1 year	Slender 25mm wide profile with mitred corners
1401352	A2 Poster Frame	628 x 454 x 17mm	1 year	Slender 25mm wide profile with mitred corners
1401353	A1 Poster Frame	875 x 628 x 17mm	1 year	Slender 25mm wide profile with mitred corners

Whiteboards

Product Code	Model	External Dimensions (WxH)	Internal Dimensions (WxH)	Warranty	Notes
1300020	Vitreous Enamel Semi Matt	1300 x 1075mm	1267 x 1042mm	Lifetime	Suitable for projection, magnetic, 65" diagonal
1300021	Vitreous Enamel Semi Matt	1545 x 1213mm	1512 x 1180mm	Lifetime	Suitable for projection, magnetic, 75" diagonal
1300023	Vitreous Enamel Semi Matt	1712 x 1213mm	1679 x 1180mm	Lifetime	Suitable for projection, magnetic, 80" diagonal
1300024	Vitreous Enamel Semi Matt	2029 x 1213mm	1996 x 1180mm	Lifetime	Suitable for projection, magnetic, 91" diagonal
1300022	Vitreous Enamel Semi Matt	2206 x 1213mm	2173 x 1180mm	Lifetime	Suitable for projection, magnetic, 97" diagonal
1300002	Vitreous Enamel Gloss	900 x 600mm		Lifetime	Magnetic
1300009	Vitreous Enamel Gloss	1200 x 900mm		Lifetime	Suitable for projection, magnetic
1300005	Vitreous Enamel Gloss	1500 x 1200mm		Lifetime	Magnetic
1300010	Vitreous Enamel Gloss	1800 x 1200mm		Lifetime	Magnetic
1300011	Vitreous Enamel Gloss	2400 x 1200mm		Lifetime	Magnetic
1430001	Coated Steel Gloss	900 x 600mm		2 years	Magnetic, aluminium frame
1430010	Coated Steel Gloss	1200 x 900mm		2 years	Magnetic, aluminium frame
1430011	Coated Steel Gloss	1800 x 1200mm		2 years	Magnetic, aluminium frame
1430012	Coated Steel Gloss	2400 x 1200mm		2 years	Magnetic, aluminium frame
1390004	Non-Magnetic Semi Matt	900 x 600mm		2 years	Aluminium frame
1390006	Non-Magnetic Semi Matt	1200 x 900mm		2 years	Aluminium frame, suitable for projection
1390010	Non-Magnetic Semi Matt	1800 x 1200mm		2 years	Aluminium frame, suitable for projection
1390013	Non-Magnetic Semi Matt	2400 x 1200mm		2 years	Aluminium frame, suitable for projection

REVOLVING BOARDS

Product Code	Model	External Dimensions (WxH)	Warranty	Notes
1450006	Non-Magnetic	1200 x 900mm	2 years board warranty	Revolving board
1450010	Non-Magnetic	1500 x 1200mm	2 years board warranty	Revolving board
1450007	Non-Magnetic	1800 x 1200mm	2 years board warranty	Revolving board
1450008	Coated Steel	1200 x 900mm	2 years board warranty	Revolving board
1450011	Coated Steel	1500 x 1200mm	2 years board warranty	Revolving board
1450009	Coated Steel	1800 x 1200mm	2 years board warranty	Revolving board

CLEVERWALL

Product Code	Model	External Dimensions (WxH)	Warranty	Notes
1300025		65"		
1300026		75"		
1300028		91"		
1300035		1200 x 900mm		
1300037		2400 x 1200mm		

Sahara Vitreous Enamel Semi Matt Boards

- Lifetime guarantee on board surface
- Magnetic
- Surface suitable for projection and for use as a dry-wipe board
- Aluminium frame with wall fixings



Magnetic



Pen tray

Sahara Revolving Boards

- Double sided durable dry-wipe surface
- Quick release pivot handle locks board securely
- Lockable castors for maximum security
- Pen tray
- Two year guarantee
- Coated steel version accepts magnets



Notice Boards



Felt boards

- Aluminium frame
- Red, blue, green or grey felt

Lockable Eclipse case



Glazed lockable notice boards

- Strong acrylic front
- 2 secure locks
- 1 or 2 door options
- Red, blue, grey or green felt available

NOTICE BOARDS AND CORK BOARDS

Product Code	Model	Colour	External Dimensions (WxH)	Warranty	Notes
1380102	Felt Board	Blue	900 x 600mm	1 year	Aluminium frame
1380101	Felt Board	Red	900 x 600mm	1 year	Aluminium frame
1380105	Felt Board	Green	900 x 600mm	1 year	Aluminium frame
1380115	Felt Board	Grey	900 x 600mm	1 year	Aluminium frame
1380202	Felt Board	Blue	1200 x 900mm	1 year	Aluminium frame
1380201	Felt Board	Red	1200 x 900mm	1 year	Aluminium frame
1380205	Felt Board	Green	1200 x 900mm	1 year	Aluminium frame
1380215	Felt Board	Grey	1500 x 1200mm	1 year	Aluminium frame
1380302	Felt Board	Blue	1800 x 1200mm	1 year	Aluminium frame
1380301	Felt Board	Red	1800 x 1200mm	1 year	Aluminium frame
1380305	Felt Board	Green	1800 x 1200mm	1 year	Aluminium frame
1380315	Felt Board	Grey	1800 x 1200mm	1 year	Aluminium frame
1380002	Cork Board		1200 x 900mm	1 year	Aluminium frame
1380003	Cork Board		1800 x 1200mm	1 year	Aluminium frame
1380004	Economy Cork Board		900 x 600mm	1 year	While stocks last, aluminium frame

GLAZED LOCKABLE NOTICE BOARDS

1400900	Glazed and Lockable	Blue	600 x 900mm - 1 door	1 year	Acrylic front, not fire rated, accepts velcro
1400900COL*	Glazed and Lockable	Green, grey, red	600 x 900mm - 1 door	1 year	Acrylic front, fire rated, accepts velcro
1400901	Glazed and Lockable	Blue	900 x 1200mm - 1 door	1 year	Acrylic front, not fire rated, accepts velcro
1400901COL*	Glazed and Lockable	Green, grey, red	900 x 1200mm - 1 door	1 year	Acrylic front, fire rated, accepts velcro
1400902	Glazed and Lockable	Blue	1200 x 1200mm - 1 door	1 year	Acrylic front, not fire rated, accepts velcro
1400902COL*	Glazed and Lockable	Green, grey, red	1200 x 1200mm - 1 door	1 year	Acrylic front, fire rated, accepts velcro
1400903	Glazed and Lockable	Blue	1800 x 1200mm - 2 door	1 year	Acrylic front, not fire rated, accepts velcro
1400903COL*	Glazed and Lockable	Green, grey, red	1800 x 1200mm - 2 door	1 year	Acrylic front, fire rated, accepts velcro
1400904	Glazed and Lockable	Blue	2400 x 1200mm - 2 door	1 year	Acrylic front, fire rated, accepts velcro
1400904COL*	Glazed and Lockable	Green, grey, red	2400 x 1200mm - 2 door	1 year	Acrylic front, fire rated, accepts velcro
1400603	Lockable Eclipse Case	Royal blue	950 x 715mm - 1 door, to take 8 x A4	1 year	While stocks last
1400604	Lockable Eclipse Case	Light grey	950 x 715mm - 1 door, to take 8 x A4	1 year	While stocks last

* Non-stock. Allow 10-14 days for delivery

Mounts and Trolleys

Projector Mounts

Sahara Universal Short Throw Projector Mount
Code: 1150030



Sahara Long Boom Arm
Code: 1150060



Sahara Mount Plate
Code: 1150023



Sahara Flush Ceiling Mount
Code: 1150022



Sahara Projector Security Box
Code: 1150053



Sahara Universal Projector Ceiling Mount Kit
Code: 1150018



Sahara 1m Ceiling Mount Kit
Code: 1150014

Sahara 1.5m Ceiling Mount Kit
Code: 1150017



Pole Connector
Code: 1150002



Trim Disc
Code: 1150063



Tilting Ceiling Plate
Code: 1150010



Ceiling Plate
Code: 1150006



Support Unit
Code: 1150001



2m Pole
Code: 1150009

Product Code	Type	Model	Max weight load (kg)	Dimensions	Rotation*	Tilt*	Cable Management	Notes
1150014	Universal Ceiling Mount Kit	Sahara 1m Ceiling Mount Kit Pearl Grey	20kg	Pole length 1000mm		45	Yes	Fixing kit available separately
1150016	Universal Ceiling Mount Kit	Sahara 1m Ceiling Mount Kit Satin White	20kg	Pole length 1000mm		45	Yes	Fixing kit available separately
1150017	Universal Ceiling Mount Kit	Sahara 1.5m Ceiling Mount Kit	20kg	1500mm		45	Yes	Pole length can be cut if required
1150018	Universal Ceiling Mount Kit	Sahara Universal Projector Ceiling Mount Kit	15kg	480-730mm	40	20	Yes	Pre-assembled
1150012	Universal Ceiling Mount Kit Components	Sahara Fixing Kit for 1150014 / 1150016						
1150053	Universal Ceiling Mount Kit Components	Sahara LH or RH Lens Security Box Pearl Grey		Dimensions (HxWxD) 230x453x415mm		45		
1150006	Universal Ceiling Mount Kit Components	Sahara Ceiling Plate Pearl Grey		Dimensions (HxWxD) 100 x 175 x 175mm				
1150010	Universal Ceiling Mount Kit Components	Sahara Tilting Ceiling Plate Pearl Grey		Dimensions (HxWxD) 155 x 175 x 175mm		45		
1150063	Universal Ceiling Mount Kit Components	Sahara Trim Disc Pearl Grey		Diameter 100mm				
1150066	Universal Ceiling Mount Kit Components	Sahara Trim Disc Satin White		Diameter 100mm				
1150007	Universal Ceiling Mount Kit Components	Sahara 0.5m Pole Pearl Grey		Pole length 500mm				
1150008	Universal Ceiling Mount Kit Components	Sahara 1m Pole Pearl Grey		Pole length 1000mm				
1150009	Universal Ceiling Mount Kit Components	Sahara 2m Pole Pearl Grey		Pole length 2000mm				
1150002	Universal Ceiling Mount Kit Components	Sahara Pole Connector Pearl Grey		Dimensions (HxWxD) 110 x 60 x 60mm				For extending poles above 2 metres
1150001	Universal Ceiling Mount Kit Components	Sahara Projector Support Unit		Dimensions (HxWxD) 114 x 222 x 76mm				
1150023	Universal Ceiling Mount Kit Components	Sahara Mount Plate		Dimensions (HxWxD) 70 x 340 x 225mm		45		
1150062	Universal Ceiling Mount Kit Components	Sahara Lanyard including 2.5m cable						
1150022	Ceiling Mount	Sahara Projector Flush Ceiling Mount	15kg		360	20	Yes	
1150060	Long Boom Arm	Sahara Long Boom Arm		Extends 2.1-3.2m				
1150030	Universal Short Throw Projector Mount	Sahara Universal Short Throw Projector Mount	25kg			+/- 5	Yes	



Sahara Slimline Tilting Wall Mount

Code: 1150601



Sahara Flush Wall Mount

Code: 1550609



ABtUS Ceiling Mount

Code: 1150651



NewStar FPMA-W925

Code: 1550793

Product Code	Type	Model	Suitable for	Max weight load (kg)	Dimensions (mm)	Rotation°	Tilt °	Security	VESA	Notes
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DESK STANDS

1150037	Desk Stand	For Clevertouch	42" - 55"						200/300/400/400x600	
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SCREEN MOUNTS

1550607	Single Arm Wall Mount	Sahara Single Arm Wall Mount	10" - 23"	15kg	72 - 260mm from wall	180	30		50, 75, 100	
1550793	Single Arm Wall Mount	NewStar FPMA-W925	10" - 37"	20kg	120 - 300mm from wall	180	15		75 to 200	While stocks last
1550794	Double Arm Wall Mount	NewStar FPMA-W935	10" - 37"	20kg	120 - 450mm from wall	180	15		75 to 200	While stocks last
1550792	Tilting Wall Mount	NewStar FPMA-W915	10" - 37"	20kg	120mm from wall	180	15	Yes	75 to 200	While stocks last
1550791	Slimline Wall Mount	NewStar FPMA-W115	10" - 40"	25kg	90mm from wall	180	30		75 to 200	While stocks last
1550707	Flat Wall Mount	Ionic Luna 100	14" - 32"	30kg	88mm from wall	360	30		Max 200 using extension wings included	While stocks last
1550609	Flush Wall Mount	Sahara Flush Wall Mount	17" - 32"	35kg	30mm from wall	360			100, 200 & 100 x 200	
1550605	Slimline Flat Wall Mount	Sahara Slimline Flat Wall Mount	23" - 37"	60kg	19mm from wall				400 x 200	
1550603	Slimline Tilting Wall Mount	Sahara Slimline Tilting Wall Mount	23" - 37"	60kg	46mm from wall		10		400 x 200	
1550616	Ultra-Thin Flat Wall Mount	Sahara Ultra-Thin Flat Wall Mount	23" - 37"	45kg					400 x 200	While stocks last
1550650	Ceiling Mount	ABtUS Ceiling Mount	23" - 37"	80kg including wall plate	1000cm pole		20	Yes		4ft extension pole available (1550659)
1550712	Flat Wall Mount	Ionic Plano	26" - 32"	75kg	30mm from wall			Yes		While stocks last
1550611	Ceiling Mount	Sahara Ceiling Mount	Up to 30"	20kg	Ceiling drop 645-1100mm	360	180		100 x 100 or 200 x 100	
1550618	Ultra-Thin Flat Wall Mount	Sahara Ultra-Thin Flat Wall Mount	32" - 42"	55kg					400 x 200	While stocks last
1150034	Corner Wall Mount	Sahara Corner Wall Mount	32" - 52" (up to 55" Clevertouch)	75kg	250-660mm from corner without shelf	90	+/- 7.5		200/400/500 x 400 Universal to 680 x 450mm	While stocks last, shelf kit available separately (1150035)
1550619	Ultra-Thin Flat Wall Mount	Sahara Ultra-Thin Flat Wall Mount	32" - 63"	60kg					800 x 400	
1550617	Portrait Flat Wall Mount	Sahara Portrait Flat Wall Mount	32" - 65"	75kg	32mm from wall				200 x 600	While stocks last
1550601	Slimline Tilting Wall Mount	Sahara Slimline Tilting Wall Mount	37" - 44"	60kg	46mm from wall		10		800 x 400	
1550651	Ceiling Mount	ABtUS Ceiling Mount	37" - 50"	80kg including wall plate	952cm pole		20	Yes		4ft extension pole available (1550659), while stocks last
1550678	Double Ceiling Mount	ABtUS Double Ceiling Mount	37" - 50"	2 x 75kg	520mm pole	360	+20 / -5	Yes		While stocks last
1550606	Slimline Flat Wall Mount	Sahara Slimline Flat Wall Mount	37" - 55"	60kg	19mm from wall				800x400	
1150033	Heavy Duty Flat Wall Mount	Sahara Heavy Duty Flat Wall Mount	52" - 65"	120kg	45mm from wall				300/400/600 x 400 Universal to 1100 x 565mm	
1540005	Extra Large Heavy Duty Wall Mount	Sahara Extra Large Heavy Duty Wall Mount	70" - 82"	150kg	46.5mm from wall					Designed for Clevertouch



Sahara Desk Stand for Clevertouch

Code: 1150037



Sahara Single Arm Wall Mount

Code: 1550607



Sahara Heavy Duty Flat Wall Mount

Code: 1150033



Sahara Extra Large Heavy Duty Wall Mount

Code: 1540005



Sahara M-310 Data Projector Trolley
Code: 1410001



ABtUS Universal Display Trolley
Code: 1550640*



ABtUS Universal Trolley
Code: 1550641



Vega ST25-2 Display Trolley
Code: 1700029



Sahara Trolley
Code: 1150039

TROLLEYS & LIFTS

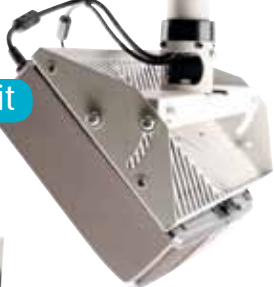
Product Code	Type	Model	Suitable for	Max weight load (kg)	Dimensions (mm)	Notes
1700029	Trolley	Vega ST25-2 Display Trolley	Up to 32"	25kg	1000-1600 x 440 x 335 (HxWxD)	
1150039	Trolley	Sahara Trolley	32" - 55" (up to 42" Clevertouch)	50kg	1700(max)x 720 x 600mm (HxWxD)	1150028, 1150029 shelves available separately
1550640*	Trolley	ABtUS Universal Display Trolley	37" - 52"	60kg	1800 x 880 x 660	While stocks last
1550641	Trolley	ABtUS Universal Trolley	37" - 52" (up to 42" Clevertouch)	50kg	2020 x 890 x 770	While stocks last
1700004	Trolley	Sahara E4000 TV/DVD Trolley		2 x 40kg	1020 x 800 x 590	While stocks last
1410001	Trolley	Sahara M-310 Data Projector Trolley				1410011 trolley platform £26

*Palletised delivery

Education Bundles



10m Cable Kit
Code: 1770001



1m Ceiling Mount Kit
Code: 1150014



Active Speakers
Code: 1050005



1m Ceiling Mount Kit
Code: 1150014



Active Whiteboard Speakers
Code: 1050006



10m Cable Kit
Code: 1770001



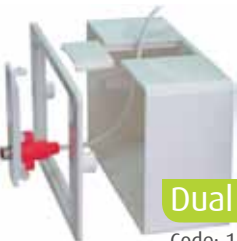
10m Cables
Code: 1770014



1m Ceiling Mount Kit
Code: 1150014



Active Speakers
Code: 1050005



Dual Gang Modular Cable Kit
Code: 1770016



Active Whiteboard Speakers
Code: 1050006



1m Ceiling Mount Kit
Code: 1150014



Dual Gang Modular Cable Kit
Code: 1770016



10m Cables
Code: 1770014

Sahara Pro Audio Solutions



Sahara Wall Mounted Active Speakers

Code: 1050005

- 30 watt amplifier output
- Inputs for PC and DVD
- Wired remote supplied for wall mounting



Sahara Single Gang In-Wall Amplifier

Code: 1680022



ABtUS AMP-S025A Eco Digital Mixer Amplifier

Code: 1740076

- 2x 25 watts
- 2x stereo audio line-in and 2x microphone input
- Low power consumption and switching power adaptor for maximum power efficiency



Wall Mounted Indoor/Outdoor Speakers

Code: 1050016

- 2 x wall mounted indoor/outdoor speakers
- Includes universal mounting brackets
- 30w RMS each, 100 watt max
- Requires amplifier (code 1680019)
- Completely weather proof and rust proof
 - Nickel-plated binding posts
 - Aluminium grille
 - Resonance-free, corrosion proof cabinet



Sahara Wall Mounted Active Whiteboard Speakers

Code: 1050006

- 32 watt amplifier output
- Inputs for PC and DVD or VCR
- Built-in USB2 hub which gives 3 USB ports when connected to a PC that can connect to interactive whiteboards and memory sticks



Sahara Amplifier

Code: 1680019

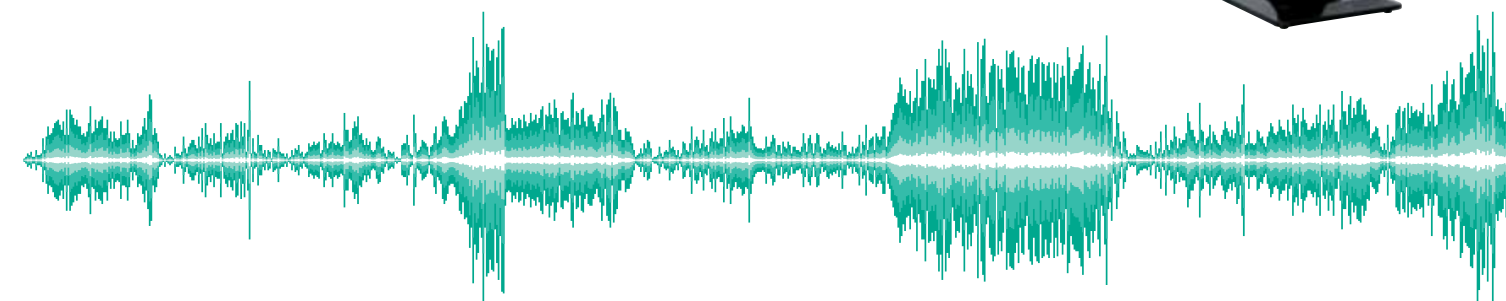
- 2x 25 watt RMS power
- 2x 6.3mm microphone inputs
- 5x speaker outputs

Sahara Audio Lectern

Code: 1260006

This lectern has built-in amplifier and speakers.

- An all-in-one design featuring:
- A 60w amplifier
 - Transmission distance: 15-30m
 - Three built-in woofers
 - One ALT (Acoustic Lens Technology) speaker
 - A flexible gooseneck microphone
 - Input 1 - Internal input for the goosehead microphone
 - Input 2 - (mic 2) 6.3mm jack
 - Input 3 - 2 x phono (left and right)
 - Line output - 6.3mm jack



For more information on our range of audio solutions contact our Technical Sales Team.



See page 56-57

Connectivity Kits

Sahara Pole Speakers

Code: 1050024



Sahara E525 / E715 Speakers

E525 1050014
E715 1050009

Sahara PA40 Wireless Portable PA System

Code: 1050020



to Also available with
integral MP3 player and
USB playback

Code: 1050021

Sahara Compact Amplifier with Microphone

Code: 1680018



Sahara Ceiling Mounted Speakers

Code: 1050007

Sahara EA1153 400 Watt 4 Channel Amplifier

Code: 1680025



PASSIVE SPEAKERS

ACTIVE SPEAKERS

AMPLIFIERS

WIRELESS SYSTEMS & ACCESSORIES

Product Code	Description	Watts	Inputs	Output	ohm	Brackets	Dimensions (hwxwd)	Notes
1050024	Sahara Pole Speakers	2x10	Speaker terminals			N/A	250 x 254 x 80mm	Supplied as a pair can be clipped together and can be mounted to a ceiling pole or used standalone
1050007	Sahara Ceiling Mounted Speaker	20	Speaker terminals		8 ohm	N/A	204mm diameter/58mm depth/165mm cutout	Sold as single units
1050016	Sahara 2 x Indoor / Outdoor Wall Mounted Speakers - Black	2x30	Speaker terminals		8 ohm	Yes	206 x 130 x 125mm	Replaces 1050004, requires 1680019 amp sold as a pair
1050014	Sahara E525 Speakers	2x100	Speaker terminals		8 ohm	Yes	335 x 599 x 511mm	Requires 1680025 amp sold as a pair
1050009	Sahara E715 Speakers	2x180	Speaker terminals		8 ohm	Yes	546 x 640 x 347mm	Requires 1680025 amp sold as a pair
1050005	Sahara Wall Mounted Speakers - White	2x15	2 x audio inputs one for PC and one for DVD		8 ohm	Yes	250 x 142 x 130mm	Supplied with UK and European power cords wired remote control included
1050006*	Sahara Wall Mounted Whiteboard Speakers - White	2x16	2 x audio inputs one for PC and one for DVD or VCR. 3 x USB ports		8 ohm	Yes	610 x 135 x 98mm	These can be connected to IWB, USB hub intergrated into speaker cables included
1740078	ABtUS Eco Digital Speaker System	2x25	1 x stereo audio line in		8 ohm	Yes	288 x 215 x 80mm	Integrated switching power supply unit for best power efficiency. Intergrated digital audio amplifier with a low power consumption, as low as 4.5watts of power. Unique auto power on/off function
1680022	Sahara Single Gang In-Wall Amplifier	30	2 x mini jack/1 x mic	L/R speaker output		N/A	85 x 85 x 52mm	Must use back box provided. Includes DC power supply and 1m DC extension cable. Suitable for 1050016 speakers. Does not fit standard UK trunking
1680018	Sahara Compact Amplifier with Microphone	2x25	1 x RCA input/outputs 1 x mini jack	L/R speaker output		N/A	65 x 216 x 150mm	Mic volume control. Bass and treble controls, music volume control. Suitable for 1500016 speakers
1680019	Sahara Amplifier	2x25	4 x RCA 2 x mic	L/R and centre speaker output		N/A	98 x 420 x 330mm	Suitable for 1050016 speakers
1680025	Sahara EA1153 400 Watt 4 Channel Amplifier	2x150 or 4x100	4 x RCA 5 x mic inputs 3 on the front 2 on rear	Line out 4x speaker output		N/A	430x320x145mm	Suitable for 1050014 & 1050009 speakers
1740076	ABtUS AMP-S025A Eco Digital Mixer Amplifier	2x25	1 x RCA 1 x mini jack 2 x mic	L/R speaker output		N/A	30 x 150 x 80mm	Integrated switching power supply unit for best power efficiency. Intergrated digital audio amplifier with a low power consumption, as low as 4.5watts of power. Unique auto power on/off function
1050020	Sahara PA40 Wireless Portable PA System	40	Aux Input for line level sources and mix of output	1 x mini jack		N/A	N/A	UHF wireless receiver built-in, 6/8hrs use on a charge
1050021	Sahara PA40 Wireless Portable PA System with Integral MP3 Player	40	Aux Input for line level sources. USB socket for MP3 playback	1 x mini jack		N/A	N/A	UHF wireless receiver built-in, 6/8hrs use on a charge, built-in controls for MP3 playback
1050022	Wireless Microphone Kit							Consists of beltack, headset, lavalier microphone
1050023	Tripod Stand							To be used with 1050020 and 1050021, lowest point 730mm, highest point 1180mm
1260006*	Sahara Lectern with Audio	60	1x gooshead microphone, 1 x mini jack, 2 x phono	1 x mini jack			1100 x 420 x 580mm	Transmission distance 15-30m, includes gooshead microphone, 3 built in woofers
1260007	Wireless Lapel Microphone Receiver							

* Palletised delivery

Connectivity kits

SAHARA STANDARD CABLE KIT

- 1x VGA cable M-M
 - 1x 3.5mm stereo mini jack
 - 3x phono cables
 - 1x USB gender changer
 - Surface mounted metal housing
 - Removable face plate
- | | |
|---------|--------------------------------------|
| 1770002 | 15m Sahara Cable Kit |
| 1770001 | 10m Sahara Cable Kit |
| 1770008 | 5m Sahara Cable Kit |
| 1770005 | Sahara cable kit box with connectors |



Cable Kit Optional Extras

- 1770032 HDMI connector - while stocks last
 - 1770311 HDMI connector with 5m cable
 - 1770312 HDMI connector with 10m cable
 - 1770313 HDMI connector with 15m cable
- 1770033 RJ45 connector
 - 1770011 S-Video M-F 15m
 - 1770010 S-Video M-F 10m



INTERFACE PANELS

BUILT-IN AMPLIFIER AND CABLE

Input:

- 1x VGA 15pin with 3.5mm PC audio
- 1x VGA 15 pin
- 3x RCA AV/Audio
- 1x USB-B

Output:

- 2x 2pin 3.8mm connector speaker out
- 2x 8pin 3.5mm screw type connector VGA out
- 1x 2pin 3.5mm screw type connector video out
- 1x 4pin 3.5mm screw type connector USB out

Max audio power: 30W per channel
Max resolution: 1280x1024
Cable length: up to 28m

15m cables

1740001

AUDIO ONLY

Input:

- 1x 3.5mm PC audio
- 2x RCA AV/Audio
- 1x 3.8mm connector (DC power)

Output:

- 2x 2pin 3.8mm connector speaker out

Max audio power: 30W per channel

10m cables

1740002

MODULAR CABLE KITS

SINGLE GANG

- Single gang back box and 2 single gang faceplates

Snap-in modules:

- 1x VGA + 1 way
- 1x 1 way
- 1x 2 way
- 1x 3 way
- 2x blanks
- 1x USB B connector
- Not UK back box compatible

1770015

DUAL GANG

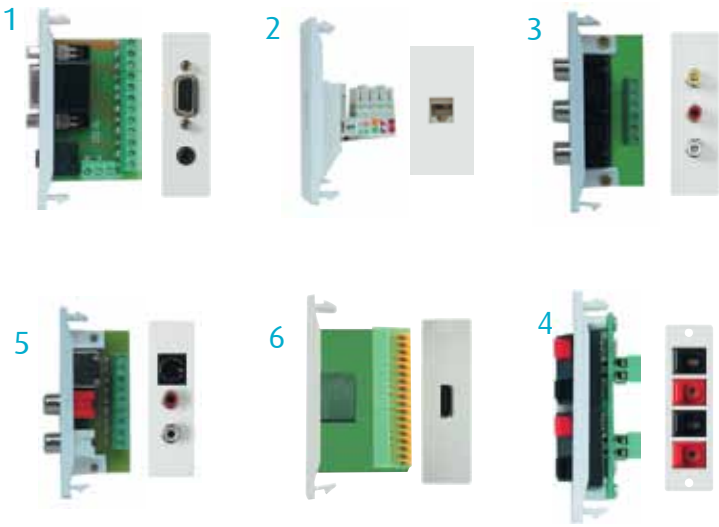
- Dual gang back box and 1 dual gang faceplate

Snap-in modules:

- 2x VGA + 1 way
- 1x 1 way
- 1x 2 way
- 1x 3 way
- 4x blanks
- 1x USB B connector
- Not UK back box compatible

1770016

MODULES FOR MODULAR CABLE KITS



- 1 1770018 VGA and 3.5mm mini jack screw terminal module
 - 2 1770019 RJ45 module
 - 3 1770020 3 RCA screw terminal module
 - 4 1770021 4 way speaker connector screw terminal module
 - 5 1770022 S-video and 2 way screw terminal module
 - 6 1770024 HDMI spring terminal module

SINGLE GANG INTERFACE PANELS

Metal single gang interface panel with 1-VGA and 1-PC audio screw terminal connection



1740007

Metal single gang interface panel with 3-phono, 1-VGA, 1-PC audio and 1-USB screw terminal connection



1740005

Metal single gang interface panel with 3-phono, 1-VGA and 1-PC audio screw terminal connection



1740006

CABLES FOR MODULAR CABLE KITS

10M CABLES FOR MODULAR CABLE KITS

- 1x VGA cable
- 1x RCA video cable
- 1x 3.5mm audio minijack cable
- 1x 2RCA audio cable
- 1x S-video cable



1770014

10M VGA CABLE FOR MODULAR CABLE KITS



1x VGA cable
1770028



Sahara single gang in-wall amplifier
1680022

See page 54-55 for more information



Sahara cable kit with cables and bulkheads 15m

Code: 1770002

- Housing is populated with VGA, 1x 3.5mm mini jack, 3x phono and 1x USB gender changers which form the bulkheads
- Simply drop the terminated cables into the box from the top, sides or back. Connect the bulkheads and run cables out to the projector giving 1x PC connection with audio, video connection via 3x phono and USB

Video Distribution and Switching



Table Top Input Box

- Code: 1770025
- Connect video, audio, network, telephone and power into the connection panel
 - Compact cable boxes integrated into the desktop
 - Aluminium spring loaded lid
 - Dual net, audio, video, VGA
 - Dimensions: 190 x 132 x 150 mm (HxWxD)
- Also available with European power supply, 1770025E



USB Extender

- Code: 1770300
- Connects a USB device to a computer at a distance of up to 50 metres
 - No power source required
 - Requires use of Cat 5/ Cat 5e / Cat 6 network cable (not included)

VIDEO SPLITTERS

Product Code	Description	Input	Output	Max Resolution
1770079	2 Port Video Splitter with 250MHz Bandwidth	1 x HD15M	2 x HD1F	1920 x 1440
1770080	4 Port Video Splitter with 250MHz Bandwidth	1 x HD15M	4 x HD1F	1920 x 1440
1770081	2 Port Video Splitter with 350MHz Bandwidth	1 x HD15M	2 x HD1F	2300 x 1920
1770082	4 Port Video Splitter with 350MHz Bandwidth	1 x HD15M	4 x HD1F	2300 x 1920

Also available with European power supply, 1770079E and 1770079EPS



VGA/Audio Extender via Cat5e Cabling up to 150M

- Code: 1770371
- The VGA/Audio Extender uses a local transmitter and remote receiver to extend the transmission distance up to 150M (max) via a network cable
 - The VGA/Audio Extender can be daisy chained to extend the transmission distance further
 - Easy to install no software installation required
 - Power LED and data transmission LED indication



7 Port Hi-Speed USB 2.0 Hub with UK Power Supply Unit

- Code: 1770309
- Perfect for PC's equipped with a USB port
 - Allows you to plug in up to 7 USB devices such as mice, keyboards, scanners, portable storage devices etc.
 - Option to add further devices by daisy chaining numerous hubs
 - Delivers high speed data transfers up to 480Mbps
 - Plug and Play for instant set-up
 - Supplied with a UK PSU (Power Supply Unit)
 - Supports both bus and self powered (automatic switching 2A power adapter included)
 - Compact, space saving design



HDMI Extender via Cat5e/ CAT 6 Cabling up to 60M

- Code: 1770308
- The HDMI Extender uses a local transmitter and remote receiver to extend the transmission distance via a network cable
 - Connect the transmitter to a HDMI source and the receiver to a HDMI monitor with standard HDMI cables. Then join the 2 modules together with a network cable
 - Extends high-resolution digital video and multi-channel digital audio between devices at distances up to 60M - For 480p, using Cat-5e/6 cable and 30M - for 1080p, using Cat 6 cable
 - Easy to install no software installation required



4 Port Hi-Speed USB 2.0 Hub Bus Powered - PC Powered

- Code: 1770310
- Perfect for PC's equipped with a USB port
 - Option to add further devices by daisy chaining numerous hubs
 - High speed
 - Delivers up to 480Mbps
 - Plug and Play for instant set-up
 - Bus powered - no external power source required
 - Compact, space saving design
 - Compatible with both USB 1.1 & USB 2.0 devices
 - Over current detection and protection

POWER BLOCKS

POWER CABLES

Product Code	Model	Length(m)	Plug Type	Notes
1770171	4 Gang Outlet UK Mains Lead	2m	3 pin 13 amp	
1770175	6 Gang Outlet UK Mains Lead	2m	3 pin 13 amp	
1730178	6 Gang Outlet Euro Mains Lead	3m		
1730200	UK to EURO Adapter			
1770170	IEC Power Cable	2m	3 pin 13 amp, fused at 5 amps	
1770177	IEC 'Y' Power Cable	2.5m	3 pin 13 amp, fused at 13 amps	2 x IEC socket, While stocks last
1770064	Figure 8 Power Cable	2m	3 pin 13 amp, fused at 5 amps	
1770065	Figure 8 Power Cable	5m	3 pin 13 amp, fused at 5 amps	



Power Block

Code: 1730178



VGA Male to Male Cable

Code: 1730194

VGA CABLES

Product Code	Model	Length	Plug Type	Notes
1730194	VGA Male to Male Cable	5m		While stocks last
1770290	VGA Extension Cable	2m	HD15M to HD15F	
1770093	VGA Extension Cable	3m	HD15M to HD15F	
1770094	VGA Extension Cable	5m	HD15M to HD15F	
1770030	VGA Extension Cable	10m	HD15M to HD15F	Ferrite core
1770031	VGA Extension Cable	15m	HD15M to HD15F	Ferrite core
1770095	VGA Extension Cable	20m	HD15M to HD15F	Ferrite core
1730177	VGA Extension Cable	2m	Male to Female	
1770291	VGA Monitor Adapter Cable	2m	HD15M to HD15M	Ferrite core
1770100	VGA Monitor Adapter Cable	3m	HD15M to HD15M	Ferrite core
1770101	VGA Monitor Adapter Cable	5m	HD15M to HD15M	Ferrite core
1770102	VGA Monitor Adapter Cable	10m	HD15M to HD15M	Ferrite core
1770042	VGA Monitor Adapter Cable	15m	HD15M to HD15M	Ferrite core
1770043	VGA Monitor Adapter Cable	20m	HD15M to HD15M	Ferrite core
1770104	VGA Monitor Adapter Cable	30m	HD15M to HD15M	Ferrite core
1770092	Monitor Splitter Cable	150mm	1x HD15M to 2x HD15F	

VIDEO ADAPTERS

1770105	VGA to DVI Adapter			Connection between PCs and flat panel displays, digital CRT displays, projectors and HDTV
1730188	Switch Scart Adaptor			While stocks last

S-VIDEO PLUG

1770054	S-Video Plug to Fly Lead	2m		
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USB Cable

Code: 1770045

Network CAT5e Cables

Available in a wide range of lengths:
1m, 2m, 3m, 5m, 10m and 20m

and a wide range of colours:
Grey, blue, red, yellow, green, orange,
black, purple and white



USB CABLES

Product Code	Model	Length	Plug Type	Notes
1770047	USB Cable	3m	USB A to USB A	
1770046	USB Cable	2m	USB A to USB B	Connects computer to peripheral
1770162	USB Cable	3m	USB A to USB B	Connects computer to peripheral
1770048	USB Cable	5m	USB A to USB B	Connects computer to peripheral
1770045	USB Extension Cable	1.5m	USB A to USB socket A	
1770163	USB Extension Cable	5m	USB A to USB socket A	

HDMI

1770109	HDMI Cable	1m	HDMI male to HDMI male	
1770110	HDMI Cable	2m	HDMI male to HDMI male	
1770111	HDMI Cable	3m	HDMI male to HDMI male	
1770112	HDMI Cable	5m	HDMI male to HDMI male	
1770113	HDMI Cable	10m	HDMI male to HDMI male	
1770279	HDMI Cable	20m	HDMI male to HDMI male	

AUDIO CABLES

1770059	2x Phono Sockets to Jack Plug Adapter		2xphono sockets to 3.5mm jack plug adapter	
1770062	Phono Socket to Phono Socket			
1770084	Stereo Jack to Stereo Jack	2m	3.5mm stereo to same	
1770085	Stereo Jack to Stereo Jack	3m	3.5mm stereo to same	
1770086	Stereo Jack to Stereo Jack	5m	3.5mm stereo to same	
1770087	Stereo Jack to Stereo Jack	10m	3.5mm stereo to same	
1770088	Stereo Jack to Stereo Jack	20m	3.5mm stereo to same	
1770055	Stereo Jack to Twin Phono/RCA	2m	3.5mm stereo to 2 x RCA	
1770056	Stereo Jack to Twin Phono/RCA	3m	3.5mm stereo to 2 x RCA	
1770089	Stereo Jack to Twin Phono/RCA	5m	3.5mm stereo to 2 x RCA	
1730113	Composite Phono Cable	2m		
1770039	3 Phono to 3 Phono Plug	2m		
1770058	4 Phono to 3 Phono Plug	15m		
1770076	3.5mm Jack Stereo Plug			
1770164	Headphone/Audio Splitter		3.5mm stereo to 2x 3.5mm mini jack socket	

Product Code	Model	Description	Input	Output	Monitor Out	Audio	Range	Max Resolution	Powered	Notes
CAT5										
1740004	ABtUS CAT-GA11T/A	CAT5 to VGA/audio transmitter	1 x VGA, 1 x PC Audio	1 x RJ-45	No	Yes	150m	1600 x 1200	Yes	
1740003	ABtUS CAT-GA11R/A	CAT5 to VGA/audio receiver	1 x RJ-45	1 x VGA, 1 x PC Audio	No	Yes	150m	1600 x 1200	Yes	
1740018	ABtUS CAT-GA14M/A	VGA to 4 x CAT5 transmitter	1 x VGA	4 x RJ-45	Yes	Yes	150m	1600 x 1200	Yes	While stocks last
1740021	ABtUS CAT-RGB212T/AP	2:1 x 12 RGB over CAT5 transmitter	2 x RGB, 5 x BNC Connector, 2 x Audio	12 x RJ-45	No	Yes	300m	1900 x 1200	Yes	
1740039	ABtUS CAT-GA11MT/AP3	VGA to CAT5 transmitter	1 x VGA, 1 x PC Audio	1 x VGA, 1 x PC Audio, 1 x RJ-45	Yes	Yes	300m	1900 x 1200	Yes	
1740040	ABtUS CAT-GA111R/AP3	VGA to CAT5 receiver	1 x RJ-45	1 x VGA, 1 x PC Audio	Yes	Yes	300m	1900 x 1200	Yes	Enhanced skew compensation as well as level and EQ adjustment. While stocks last
1740035	ABtUS CAT-HDX11MT/A	HDMI over CAT-5e with IR and RS-232 transmitter	1 x HDMI, 1 x Keyboard PS2, 1 x Mouse PS2	1x IR, 1xRJ-45	Yes	Yes	100m	1080P	Yes	
1740037	ABtUS CAT-HDX11R/A	HDMI over CAT-5e with IR and RS-232 receiver	1 x HDMI, 1 x IR, 1 x RJ-45	1 x HDMI, 1 x Keyboard PS2, 1 x Mouse PS2	Yes	Yes	100m	1080P	Yes	

VGA DISTRIBUTION AND SWITCHING SYSTEMS

1740010	ABtUS AVA-GA12N/A2	1:2 VGA distribution amplifier	1 x VGA, 1 x Audio	2 x VGA, 2 x Audio	No	Yes	50m	UXA	No	
1740011	ABtUS AVA-GA14G/A	1:4 VGA distribution amplifier	1 x VGA, 1 x Audio	4 x VGA, 4 x Audio	No	Yes	50m	UXA	Yes	
1740015	ABtUS AVA-GA24G/A	2:4 VGA distribution amplifier	2 x VGA	4 x VGA, 8 x PC Audio	No	Yes	50m	UXGA	Yes	While stocks last
1740072	ABtUS AVS-GA28G/A	2:8 VGA distribution amplifier	2 x VGA, 2 x PC Audio	8 x VGA, 8 x PC Audio	No	Yes	50m	1600 x 1200	Yes	While stocks last
1740073	ABtUS AVS-GA82A/P	8:1x2 VGA switcher distribution amplifier	8 x VGA	2 x VGA	No	Yes	50m	1600 x 1200	Yes	
1740047	ABtUS MAX-GA42A/P	4:2 VGA matrix switcher	4 x VGA, 4 x Audio	2 x VGA, 2 x Audio	No	Yes	50m	1600 x 1200	Yes	

HDMI DISTRIBUTION AMPLIFIERS AND SWITCHING SYSTEMS

1740052	ABtUS AVA-HDMI12/A-G	1:2 HDMI distribution amplifier	1 x HDMI	2 x HDMI	No	Yes	15m	1080p	Yes	
1740053	ABtUS AVA-HDMI14/A-G	1:4 HDMI distribution amplifier	1 x HDMI	4 x HDMI	No	Yes	15m	1080p	Yes	
1740054	ABtUS AVA-HDMI 18	1:8 HDMI distribution amplifier	1 x HDMI	8 x HDMI	No	Yes	15m	1080p	Yes	
1740016	ABtUS AVA-HDMI 14	1:4 HDMI distribution amplifier	1 x HDMI	4 x HDMI	No	Yes	15m	1080p	Yes	While stocks last
1740012	ABtUS AVS-HDMI21	2:1 HDMI switcher	2 x HDMI	1 HDMI	No	Yes	15m	1080p	Yes	
1740013	ABtUS AVS-HDMI41	4:1 HDMI switcher	4 x HDMI	1 HDMI	No	Yes	15m	1080p	Yes	
1740051	ABtUS AVS-HDMI81	8:1 HDMI switcher	8 x HDMI	1 HDMI	No	Yes	15m	1080p	Yes	

DVI DISTRIBUTION

1740068	ABtUS AVA-DVI-D19	1:9 DVI distribution amplifier	1 x DVI-D	9 x DVI-D	No	Yes	20m	1080p	Yes	While stocks last
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SWITCHERS AND SCALERS

1740023	ABtUS AVS-SCL402/A	4:1 switcher scaler	1 x RGB, 1 x VGA, 1 x S Video, 2 x RCA, 1 x PC Audio, 1 x C-Video	1x VGA, 1x Audio	No	Yes	20m	1680 x 1050	Yes	While stocks last
1740031	ABtUS AVS-1200-SV2	Multimedia switcher	4 x VGA, 4 x PC Audio, 4 x C-Video, 4 x Stereo Audio, 1 x Microphone	2x VGA, 2x C-Video, 2x RCA		Yes	28m	1280 x 1024	Yes	



ABtUS CAT-GA11T/A

Code: 1740004



ABtUS AVA-GA24G/A

Code: 1740015



ABtUS AVS-HDMI41

Code: 1740013



ABtUS AVA-DVI-D19

Code: 1740068



ABtUS AVS-GA28G/A

Code: 1740072



Sahara Connect can supply you with a full range of high quality Kramer products that distribute, switch, scale and transcode analog or digital signals.

Model	Description	Input	Output	Monitor Out	Audio	Range	Max Resolution	Powered	Notes
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CAT5

Kramer WP-121	VGA over CAT5 transmitter wall plate	1 x VGA	1 x RJ45 / terminal block	No	Yes	100m		Yes	
Kramer TP-121 EDID	VGA over CAT5 receiver wall plate	1 x RJ-45	1 x RJ45	No	Yes	100m		Yes	
Kramer TP-122	VGA over CAT5 receiver	1 x RJ-45	1 x VGA, 1x audio	No	Yes	100m		Yes	
Kramer TP-114	VGA over CAT5 transmitter	1 x VGA	4 x RJ45	No	No	100m		Yes	
Kramer TP-580T	HDMI over CAT5 transmitter HDBaseT	1 x HDMI, 1x RS232	1 x RJ45	No	Embedded	70m on STP cable		Yes	HD BaseT
Kramer TP-580R	HDMI over CAT5 receiver HDBaseT	1x RJ-45	1 x HDMI, 1xRS232	No	Embedded	70m on STP cable		Yes	HD BaseT
Kramer PT-571	HDMI over CAT5 transmitter	1 x HDMI	1 x CAT5 on RJ-45	No	Embedded	70m on STP cable	1080p	Yes	Require STP cable
Kramer PT-572+	HDMI over CAT5 receiver	1 x HDMI	HDMI	No	Embedded	70m on STP cable	1080p	Yes	Requires STP cable

VGA DISTRIBUTION AND SWITCHING SYSTEMS

Kramer VP-211K	2:1 VGA auto switch	2xVGA 2xAudio	1 x VGA (1 in loop) 1x Audio	No	Yes		UXGA	Yes	
Kramer VP-411DS	4:1 VGA auto switch	4xVGA 4xAudio	1 x VGA (1 in loop) 1x Audio	No	Yes				Matrix switch HDMI
VS-66H3	6x6 HDMI matrix switcher	6x HDMI	6 x HDMI	No	Embedded				
VS-88H	8x8 HDMI matrix switcher	8x HDMI	8 x HDMI	No	Embedded		UXGA	Yes	



Kramer
WP-110

Code: 1710008



Kramer VP-728

Code: 1710003

Product Code	Model	Description	Input	Output	Monitor Out	Audio	Powered
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SWITCHES AND SCALERS

1710003	Kramer VP-728	9 input presentation scaler/ switcher	4 x universal Y/CV, Pb/C, Pr (composite,s-Video and component) 1 Vpp/75 ohms on RCA connectors 2 x UXGA (VGA through UXGA) 2 x HDMI connectors 1 x USB connector	1 x HDMI 1 x UXGA format on a 15-pin 1 x HD connector 1 x audio 1 x digital stereo	No	No	Yes
1710004	Kramer VP-435	HDMI, component and computer graphics video to HDMI digital scaler	1 x HDMI 1 x UXGA 1 x component video on 3RCA connectors 3 x audio (for HDMI, UXGA, left and right)	1 x HDMI connector	No	Yes	Yes
1710005	Kramer VP-436	7 input analog and HDMI presentation digital scaler/ switcher	2 x HDMI 1 x VGA 2 x COMP 1 x CV 1 x YC audio	1 x HDMI 1 x VGA 1 x S/PDIF 1 x RGB 1 x audio	No	Yes	Yes

BRIDGING BETWEEN WORLDS



Sahara Connect can supply you with a full range of high quality Kramer products that distribute, switch, scale and transcode analog or digital signals.

Contact the Sahara Connect team to discuss your connection needs:

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AV Trade Guide Summer 2012



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