

MuxLab **PRODIGITAL**

Digital A/V
Connectivity Solutions

Digital A/V

Structured Cabling Solutions

Pro AV

[Dual Cat5e/6 Extenders](#)
[Single Cat5e/6 Extenders](#)
[HDMI Over Fiber Extenders](#)
[HDMI Over Coax Extenders](#)
[HDMI Hubs Over UTP](#)
[HDMI 4K Switchers](#)
[HDMI 4K Splitters](#)
[HDMI/HDBT Matrix Switches](#)
[HDMI to HDMI/HDBT Matrix Switches](#)
[4K HDMI to HDMI Matrix Switches](#)
[Multimedia Matrix Switches](#)
[HDMI Over IP Distribution Converters](#)

[AV Automation Software](#)



Pro Audio

[Baluns](#)
[Converters](#)
[Switches](#)

KVM - IT

[USB Extenders](#)

Analog AV

[S-Video](#)
[Component Video](#)
[Stereo AV](#)
[VGA](#)

Accessories



Dual Cat5e/6 Extenders

HDMI Extender Kit

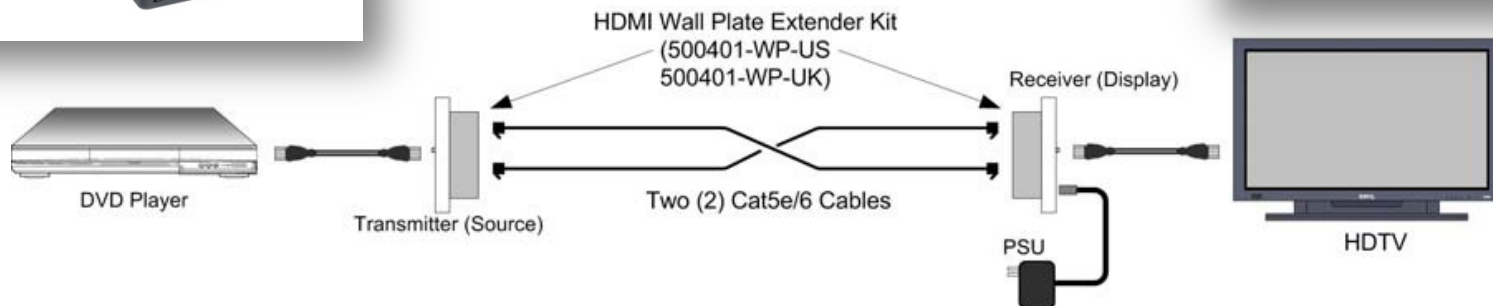
- Upgrade replacement for 500400
- Improved distance/resolution
- HDMI 1.3
- Up to 150 ft (45m) @ 1080p via Cat5e
- Up to 90 ft (27m) @ 1080p Deep Color via Cat6
- Connect via two (2) Cat5e/6 cables
- Supports both HDMI and DVI

HDMI Wall-Plate Extender Kit (500401-WP-US/UK)

- HDMI 1.3a
- Up to 150 ft (45m) @ 1080p via 2 Cat5e
- Up to 90 ft (27m) @ 1080p/12-bit via 2 Cat6
- Connect via two (2) Cat5e/6 cables
- US version: Decora™ comp
- UK version available

Model 500401

Model 500401-WP-US, 500401-WP-UK



HDMI Passive Extender Kit

- HDMI 1.4
- Up to 100 ft (30m) @ 1080p via Cat5e
- Up to 150 ft (45m) @ 1080p via Cat6
- Connect via two (2) Cat5e/6 cables
- No external power required
- Supports HDMI 3D
- Works with Deep Color equipment

Model 500402

HDMI IR/Extender Kit

- HDMI 1.3a
- IR source control
- Up to 150 ft (46m) @ 1080p Deep Color via Cat6
- Up to 300 ft (91m) @ 1080i via Cat5e/6
- Connect via two (2) Cat5e/6 cables
- Includes IR Emitter and IR Sensor

Model 500405 (Kit), 500406 (Tx), 500407 (Rx)





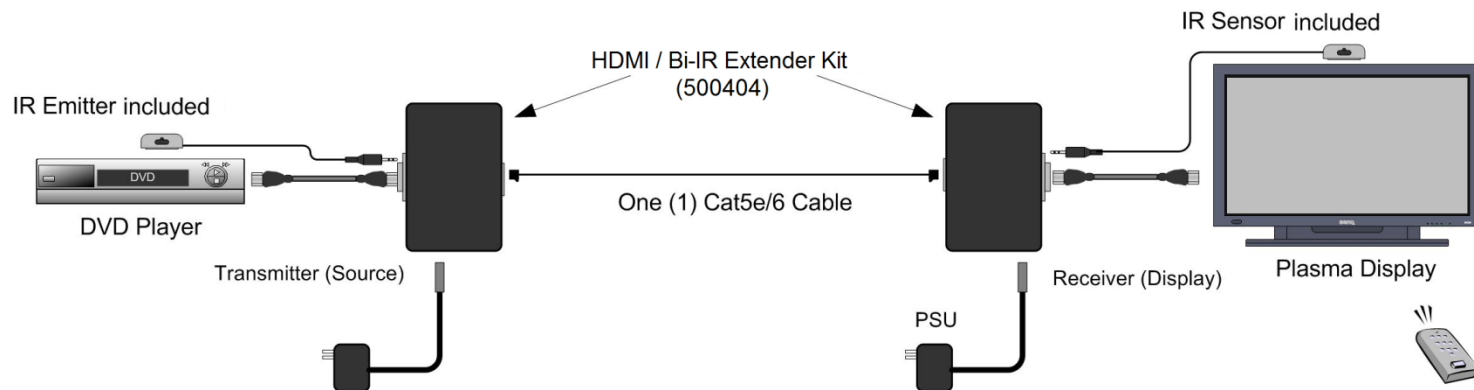
Single Cat5e/6 Extenders

HDMI / Bi-IR Extender Kit

- Supports up to 131 ft (40m) @ 1080P
- Use a single Cat5e/6 cable
- HDMI 1.3 compliant with 3D formats
- HDCP compliant
- Bi-direction IR Control
- Supports LPCM, DTS-HD Master Audio and Dolby True HD



Model 500404



HDMI Mono Extender Kit

- Supports 3D feature of HDMI 1.4
- Up to 230 ft (70m) at all resolutions up to 1080p Deep Color via single Cat5e/6
- Up to 115 ft (35m) @ 4K resolution
- Supports all digital audio modes
- Supports bi-directional IR remote control
- Includes IR Emitter and IR Sensor
- Locking screw for HDMI connector

HDMI Mono Extender Kit Plus

- HDMI 1.3a
- IR source control
- Up to 330 ft (100m) @ 1080p Deep Color via Cat5e/6
- Connect via one (1) Cat5e/6 cable
- Includes IR Emitter and IR Sensor
- Ideal for pre-existing SCS

Model 500451

Model 500450



HDMI Wall-Plate Extender Kit, Transmitter, Receiver, HDBT

- Brushed Aluminium Wall-Plate
- Up to 200 ft (60m) @ 1080P
- Up to 131 ft (40m) @ 4K/30Hz
- Support resolution up to 4K
- Support 3D
- Support Bi-directional Infrared function



Model 500451-WP-Kit, 500451-WP-TX, 500451-WP-RX

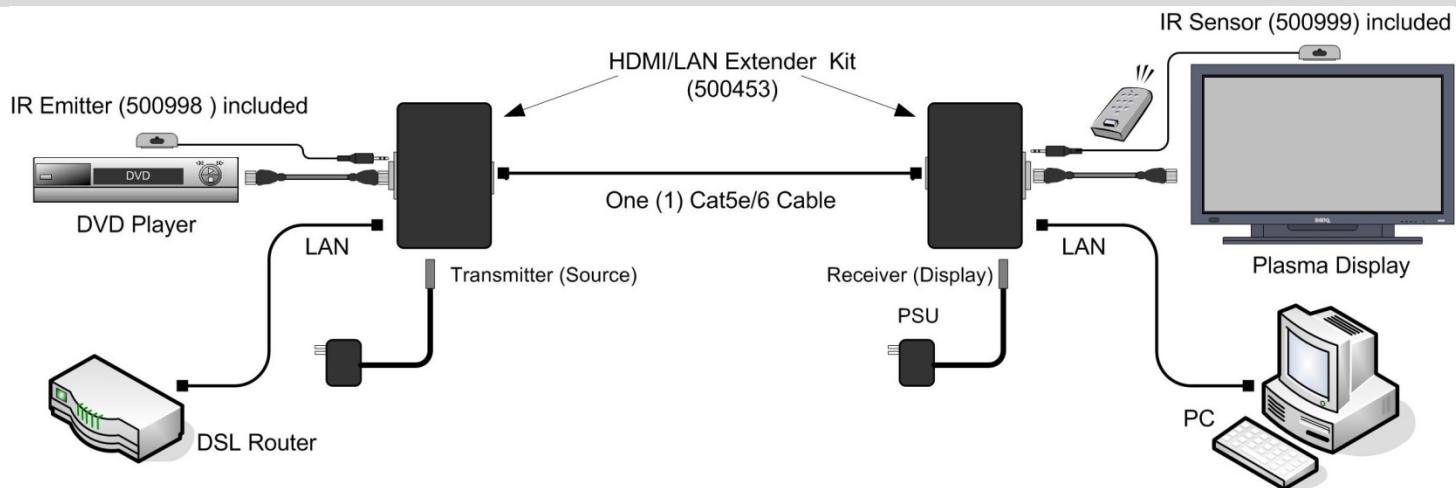


HDMI/LAN Mono Extender Kit

- HDMI 1.3a
- Up to 330 ft (100m) at all resolutions up to 1080p Deep Color via single Cat5e/6
- Supports Ethernet
- Supports IR remote source control
- Includes IR Emitter (500998) and IR Sensor (500999)



Model 500453



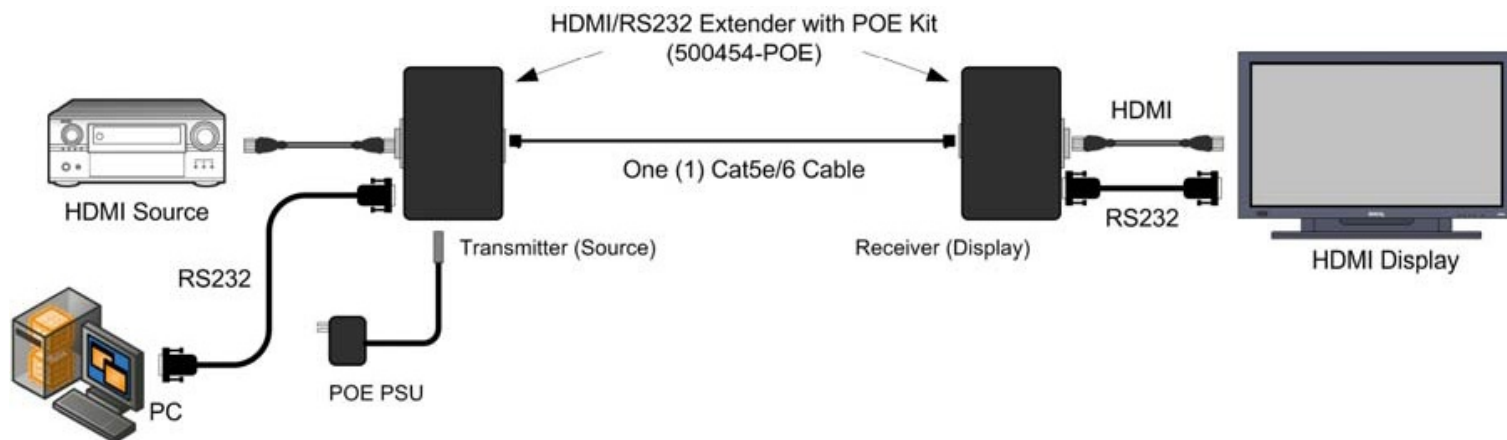
HDMI/RS232 Extender Kit & HDMI/RS232 Extender Kit with PoE

- Supports 3D of HDMI 1.4
- Up to 230 ft (70m) at all resolutions up to 1080p via single Cat5e/6
- Supports all digital audio modes
- Supports RS232
- Supports bi-directional IR remote source control
- Includes IR Emitter (500998) and IR Sensor (500999)



The product is available in a “PoE” configuration to allow the HDMI/RS232 Receiver to be powered by the transmitter for greater ease of cabling.

Model 500454, 500454-PoE

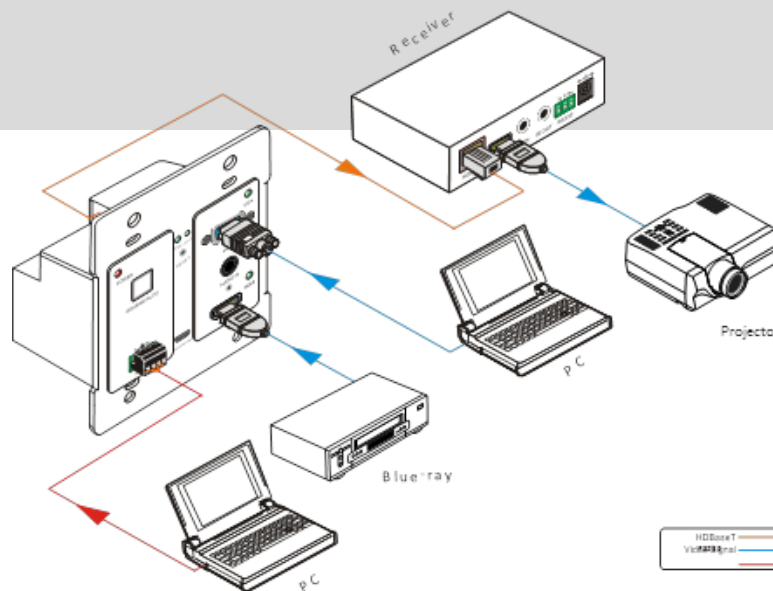


HDMI – VGA/Audio Wall-Plate Transmitter, UHD-4K

- Selectable HDMI/ VGA with audio input
- Support VGA output resolution up to 1920x1200
- High bandwidth: 10.2Gbps
- In-built scaler function, support scaling HDMI/ VGA signals to match the native resolution of the display
- Transmit HDMI signals up to 4K

- Compliant with HDMI 1.4, support 1080p 3D
- HDCP compliance, equipped with HDCP auto-tracking solution
- Provides auto-switching capability
- Support multiple control methods including front panel buttons and RS232. Serial interface support bi-directional RS232 pass-through control.
- Supports firmware upgrading via USB.
- Powered by local 12VDC power supply.
- Aluminium design for elegant and better cooling

Model 500455-WP



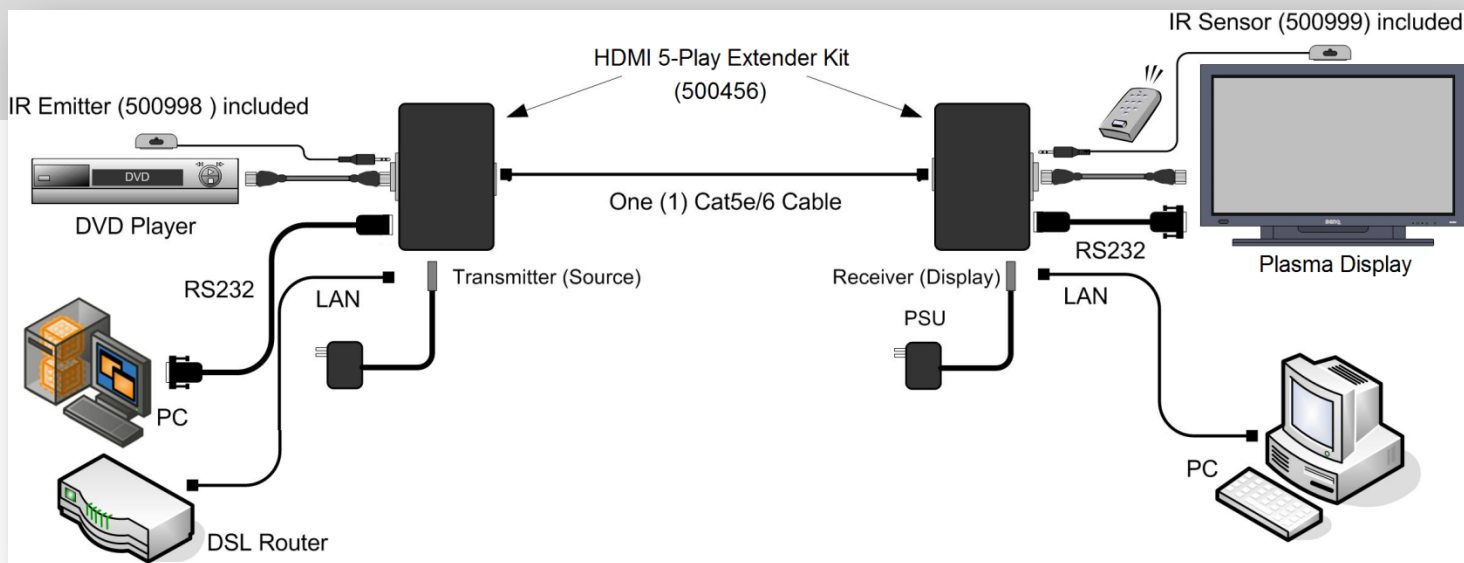
HDMI 5-Play Extender Kit, UHD 4K

- Supports up to 330ft (100m) @ 1080P & 230ft (70m) @ 4K*
- 5-Play: Audio, Video, Infrared, Serial & Ethernet
- HDMI 1.4 compliant with 3D formats
- HDCP compliant
- Supports LPCM, DTS-HD Master Audio and Dolby True HD
- Bi-direction IR Control

*4K resolution 3840 X 2160 @ 24, 25, & 30 Hz



Model 500456



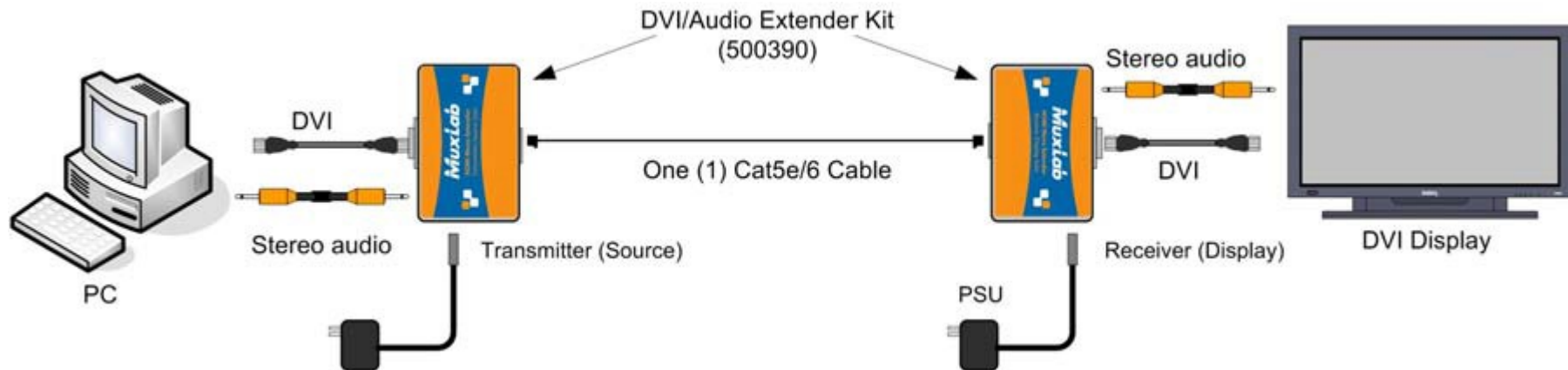
DVI/Audio Extender Kit

- Extends DVI and line level stereo audio via Cat5e/6 cable
- Up to 230 ft (70m) at all resolutions up to 1080p via one Cat5e/6
- HDBaseT Technology
- Supports up to 1920 x 1200 resolution
- Supports 4K up to 115 ft (35m)

Stereo audio is transmitted in pass-thru mode via HDBT along with HDMI over the same Cat5e/6 cable. The audio is not embedded in the DVI stream.



Model 500390





HDMI over Fiber Extenders

HDMI Fiber Extender Kit

- Up to 1,000 ft (300m) via a single multimode fiber
- IR Control (IR Sensor and IR Emitter included)
- SC connector multimode fiber 62.5 um/125 um.
- Supports RS232

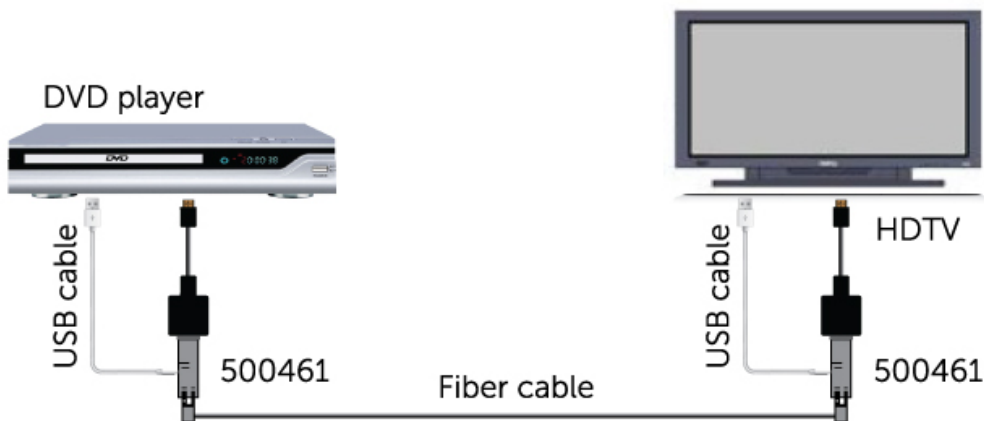


Model 500460

Mini HDMI Fiber 4K Extender Kit

- Input: HDMI A Type
- Output: LC Duplex connector
- HDMI 1.4a support
- HDCP support
- Distance up to 300m using LC Duplex multimode 50/125 μ m OM3 fiber cable
- Supports 4K @ 24, 25, 30 Hz
- Power using micro USB connector
- Metallic enclosure for better heat dissipation

Model 500461





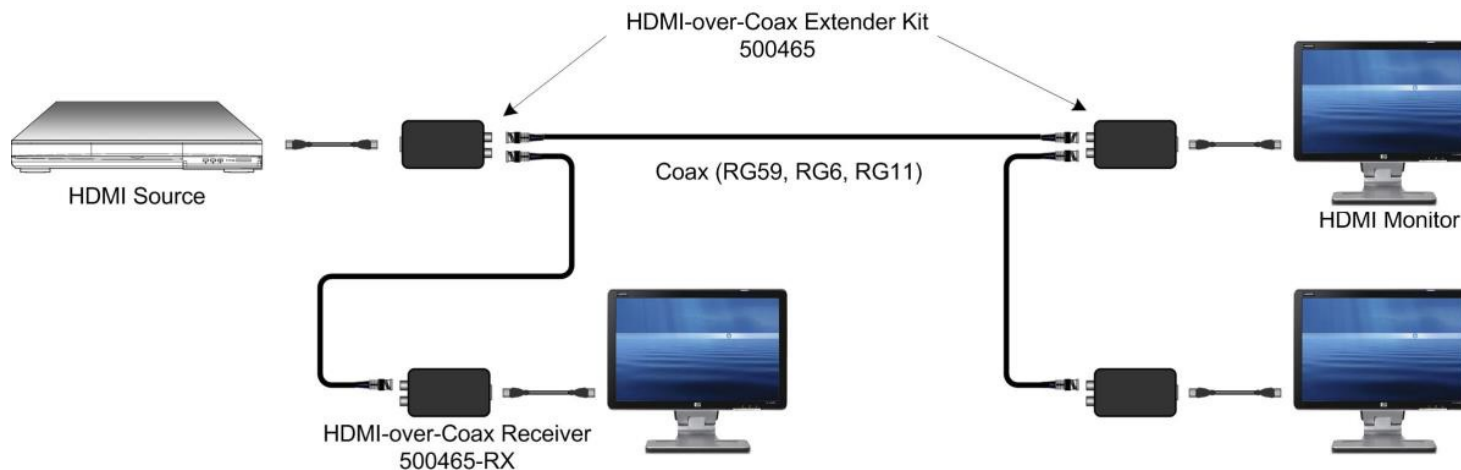
HDMI over Coax Extenders

HDMI Over Coax Extender Kit

- Allows an HDMI source to be connected to an HDMI receiver at 1080p resolution via one coax cable in a point-to-point configuration
- Supports HDMI over one RG59 coax cable
- Ideal for harsh electrical environments
- Up to 250 ft (76m) at 1080p resolution
- Up to 500 ft (152m) at 1080i/720p resolution
- Cascadable on the TX and RX side



Model 500465





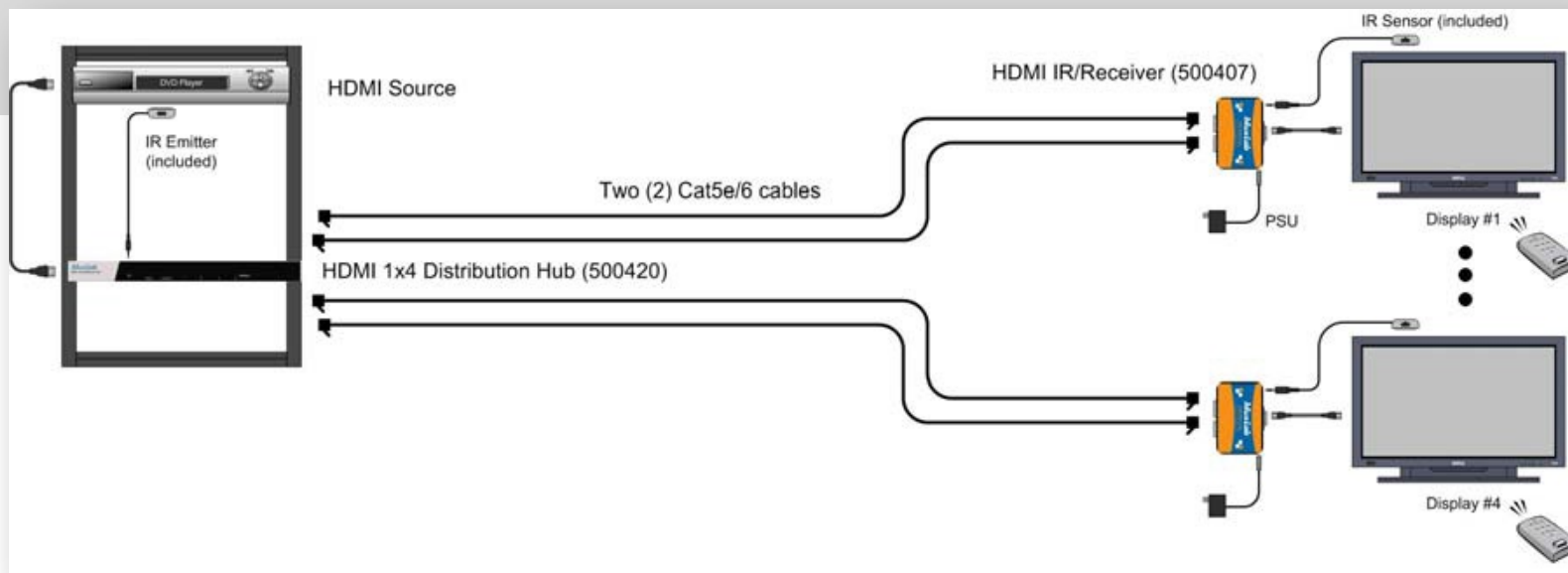
Hubs, Splitters, & Switchers

HDMI 1x4 Distribution Hub Over UTP

- Distributes one HDMI source to up to 4 displays
- Supports Cat5e/6 on input and output sides
- Up to 150 ft (46m) @ 1080p via two Cat5e
- Up to 300 ft (91 m) @ 1080i via two Cat5e
- Cascadable
- Local HDMI output
- Includes one (1) IR Emitter for IR source control
- EDID configuration switch



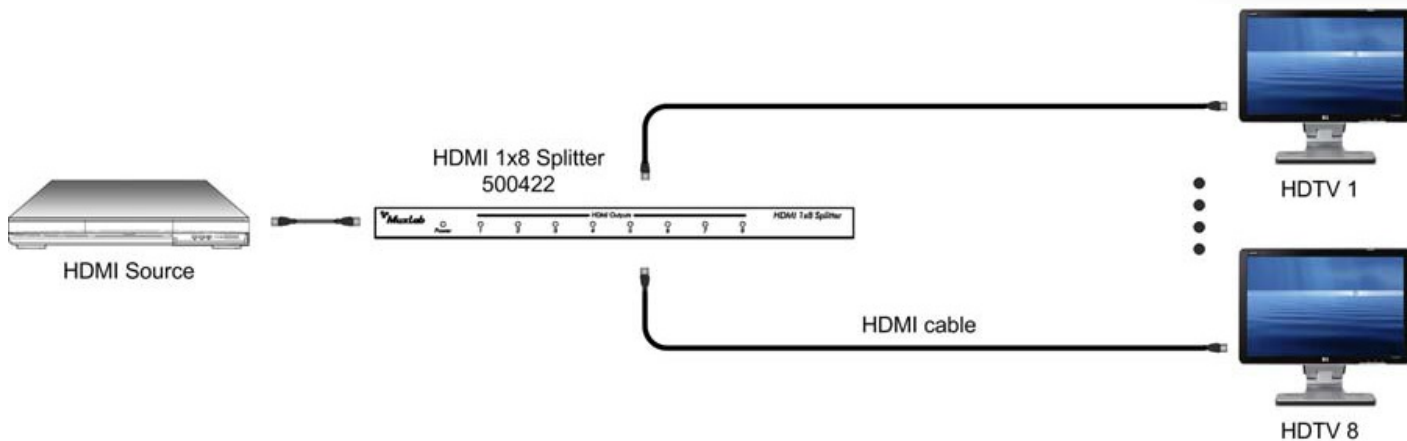
Model 500420



HDMI 1x2 / 1x4 / 1x8 Splitter, 4K

- The HDMI Splitters allows one HDMI source to be distributed to two/four/eight HDMI displays
- The splitters supports up to 1080p, 12-bit Deep color and HD audio
- The splitters are HDCP 1.3 compliant and features LED diagnostics
- All HDMI connectors are on the rear panel for neater cabling

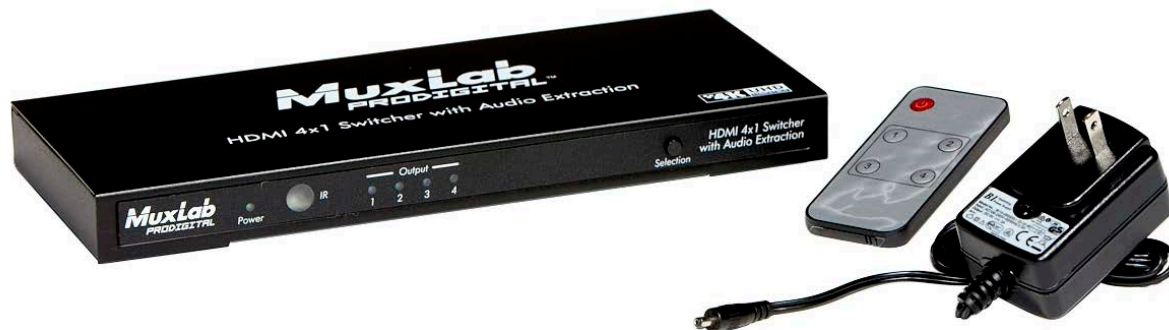
Model 500421, 500422, 500423



HDMI 4X1 Switcher with Audio Extraction, UHD-4K

- Switches between four Ultra HD sources to one Ultra HD display
- Supports resolutions up to Ultra HD 4K x 2K (3840 x 2160 @ 30Hz) and 1080p Full HD
- Supports 12-bit Deep Color, 3D
- Extracts audio to S/PDIF Toslink, Coaxial and 3.5mm Stereo Jack
- Extracts LPCM to Analog Audio 3.5mm Stereo Jack
- Supports LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, and DTS-HD Master Audio™
- Push button selects between the four HDMI inputs
- IR Remote Control

Model 500430





Matrix Switches

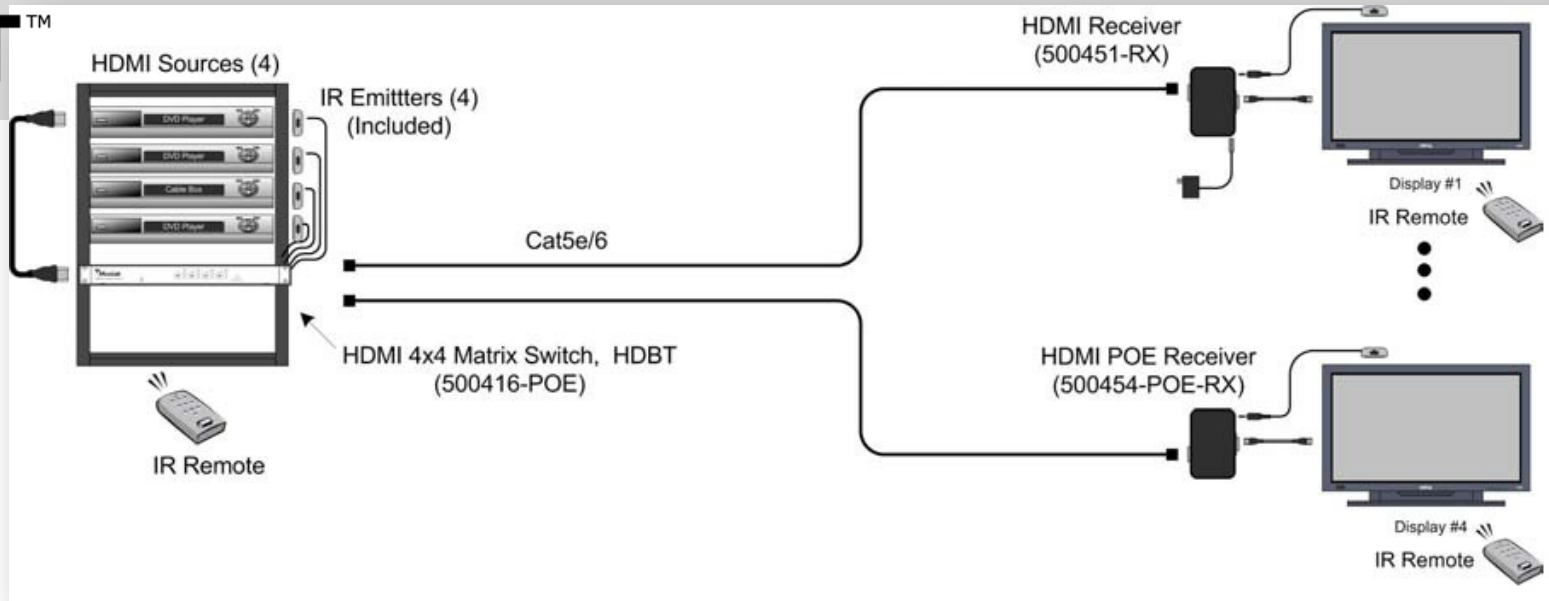
HDMI 4x4 Matrix Switch, HDBT, PoE

- HDBaseT switching via one Cat5e/6
- Up to 230 ft (70m) @ 1080p via Cat5e
- Works with 500451-RX, 500454-RX
- Supports POE when used with 500454-POE-RX
- Control: pushbutton, IR, USB, RS232, Webserver
- Supports IR matrix and source control
- Includes four IR emitters plus wireless remote



Available as a kit with 4 PoE receivers

Model 500416-PoE, 500416-PoE-Kit



HDMI 4x8 Matrix Switch, HDBT, PoE

- HDBaseT switching via one (1) Cat5e/6
- Up to 230 ft (70m) @ 1080p via Cat5e
- Works with 500451-RX, 500454-RX, 500451
- Supports POE when used with 500454-POE-RX
- Control: front panel display and keyboard, IR, USB, RS232, Webserver
- Supports IR matrix and source control
- Includes four IR emitters plus wireless remote

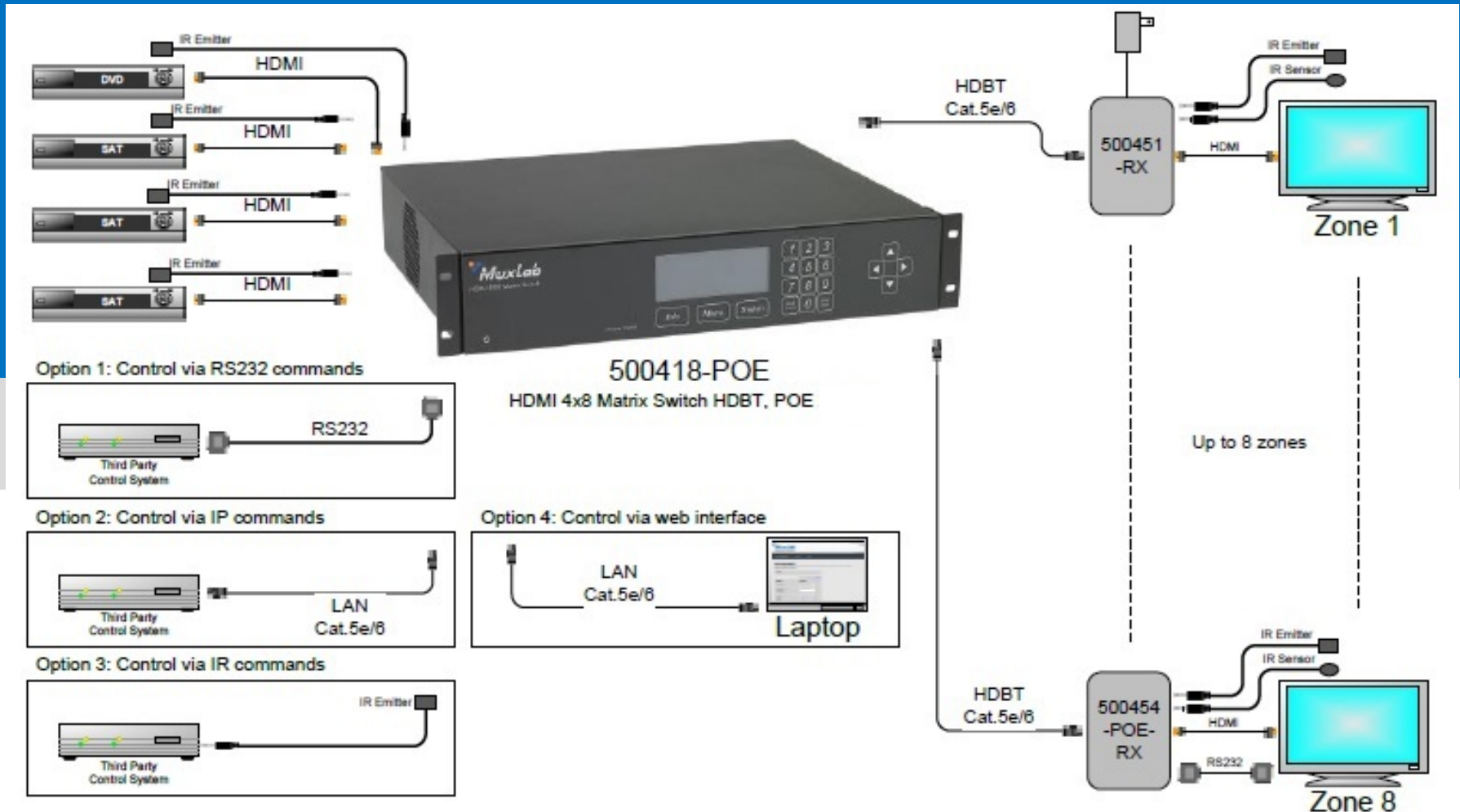


Model 500418-PoE



HDMI 4x8 Matrix Switch, HDBT, PoE

Model 500418-PoE



HDMI 8×8 Matrix Switch, HDBT, PoE

- HDBaseT switching via one (1) Cat5e/6
- Up to 230 ft (70m) @ 1080p via Cat5e
- Works with 500451-RX, 500454-RX, 500451
- Supports POE when used with 500454-POE-RX
- Control: front panel display and keyboard, IR, USB, RS232, Webserver
- Supports IR matrix and source control
- Includes four IR emitters plus wireless remote



Model 500469-PoE



HDMI 4x8 & 8x8 Matrix Switch, 4HDMI+4HDBT, PoE

- (4) HDBaseT outputs and (4) HDMI outputs
- HDBaseT switching via one (1) Cat5e/6
- Up to 230 ft (70m) @ 1080p via Cat5e
- Works with 500451-RX, 500454-RX, Supports POE when used with 500454-POE-RX
- Control: front panel display and keyboard, IR, USB, RS232, Webserver
- Supports IR matrix and source control
- Includes four IR emitters plus wireless remote



Model 500419-PoE, 500468-PoE



4x4 HDMI to HDMI Matrix Switch, 4K-UHD

- (4) HDBaseT outputs and (4) HDMI outputs
- HDMI V1.4 supports: 4K x 2K @30Hz, 1080P @120Hz, and 1080P 3D @60Hz
- Deep Color support 48/36/30/24-bit
- Supports LPCM 7.1CH, Dolby True HD, Dolby Digital Plus and DTS-HD Master Audio transmission



Model 500440



Multimedia 16 x 16 Matrix Switch

- Allows up to four 4-port input modules to be switched to up to four 4-port output
- modules for a maximum switching capacity of 16x16
- Managed via front panel controls or via webserver interface
- Automatically converts all inputs to HDMI and supports transmission up to 330 ft from the switch to each receiver
- Hot-swappable I/O cards
- Scaling from input to HDMI output
- Non-blocking switching from 4x4 to 16x16
- Supports up to four 4-port input modules
- Dual-redundant power supplies
- 5U rack height
- **Management via Front Panel Control, RS232, USB, Built-in Webserver, 3rd party drivers**

Model 500470

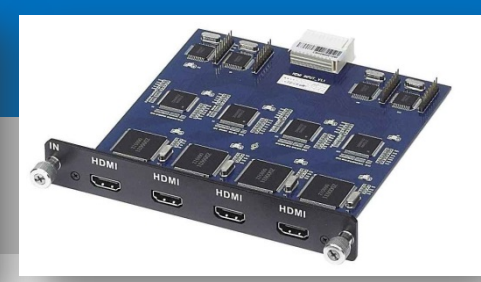
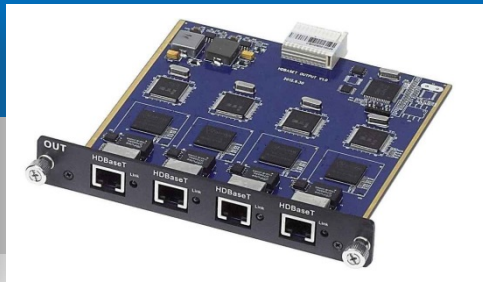


Multimedia 16 x 16 Matrix Switch

Model 500470

Input modules: HDMI, HD-SDI, DVI, and VGA, HDMI Input Card with Audio Out

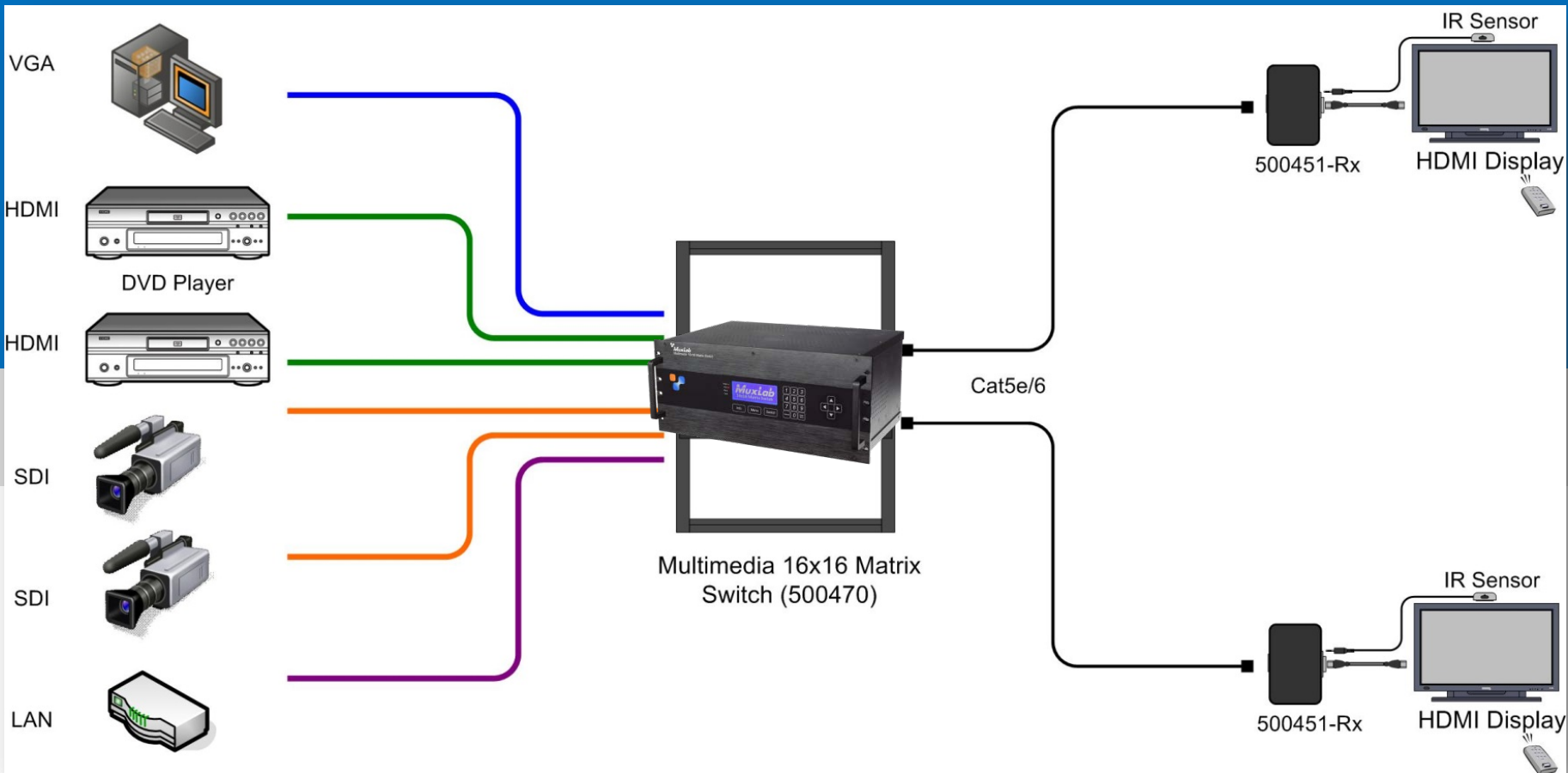
Output modules: HDMI, HDBaseT, HDMI Output Card with Audio Out, Fibre



Ideal For: Digital signage, retail and residential AV signal routing, boardroom projector systems, classroom training, professional video editing, medical imaging, courtroom systems, rental and staging, video kiosks, airport video information systems, emergency operations centres, multimedia entertainment centres.

Multimedia 16 x 16 Matrix Switch

Model 500470



Multimedia 16 x 16 Matrix Switch

500470	Multimedia 16 x 16 Matrix Switch Chassis
Input Cards	
500471	<u>HDMI</u> 4-Channel Input Card
500471-SA	HDMI 4-Channel Input Card with <u>Stereo Audio Out</u>
500472	<u>DVI</u> 4-Channel Input Card
500473	<u>3G-SDI</u> 4-Channel Input Card
500474	<u>VGA</u> 4-Channel Input Card
Output Cards	
500475	<u>HDMI</u> 4-Channel Output Card
500475-SA	HDMI 4-Channel Output Card with <u>Stereo Audio Out</u>
500476	<u>HDBaseT</u> 4-Channel Output Card
500477/479	<u>Fiber 4-Channel</u> Output Card / <u>Fiber 2-Channel</u> Output Card
500478	Replacement Power Supply Module



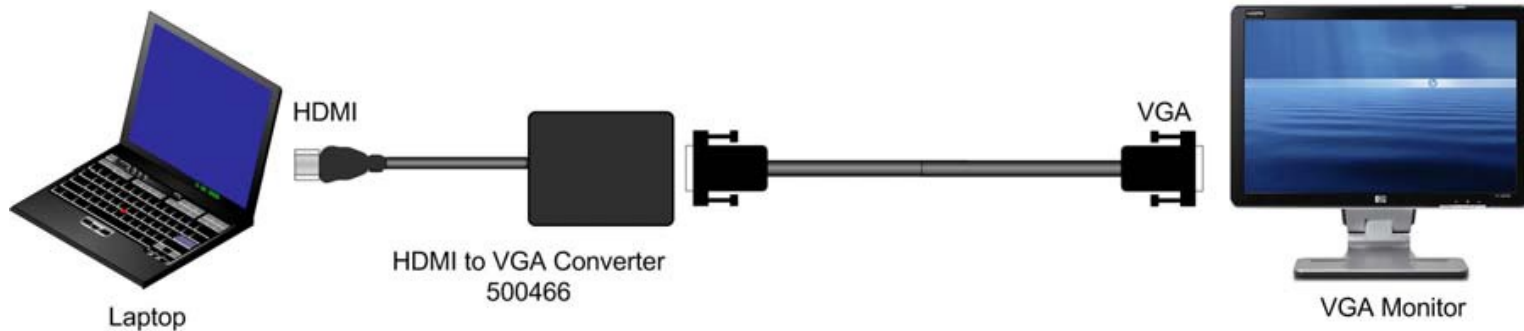
Converters

HDMI to VGA Converter

- Supports up to 1080p/1920x1200 Deep Color
- Use HDMI sources with legacy VGA displays
- No external power required
- Supports DVI when used with a DVI to HDMI cable



Model 500466

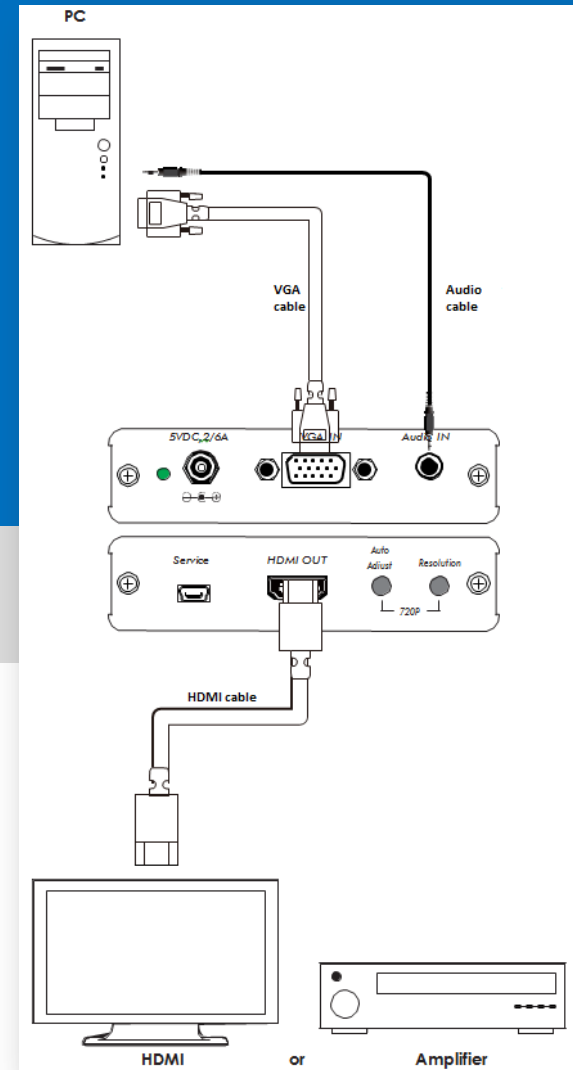
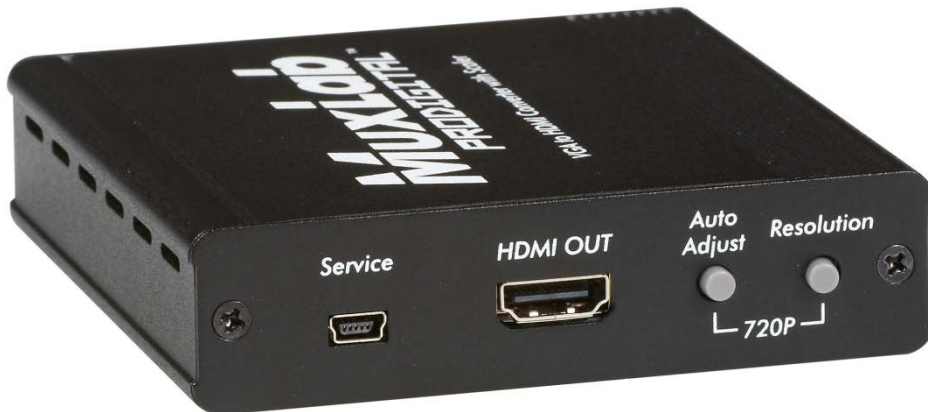


VGA to HDMI Converter with Scaler

- HDMI and DVI 1.0 compliant
- Scales any PC resolutions (VGA-WUXGA) to HD (480i-1080P)
- Supports high resolution output
- Supports stereo analog input with PC video to HDMI output



Model 500149



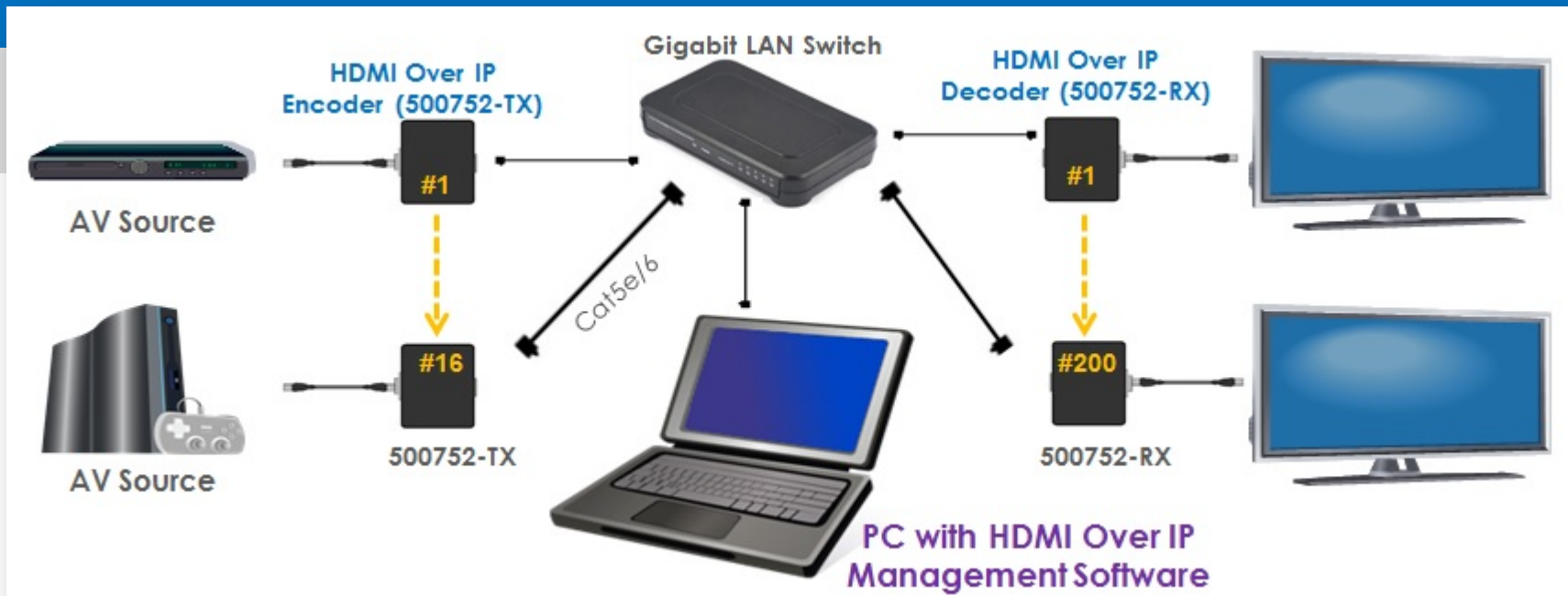


HDMI over IP

HDMI over IP Extender with PoE

Model 500752

- Extends 1080P HDMI signals up to 330ft (100m)
- Supports up to 16 transmitters and 200 receivers
- Supports multicasting and broadcasting
- Supports PoE
- IR Control



HDMI Over IP Management Software

- Runs on Windows
- Controllable from any PC with LAN access via wired or wireless connection
- Allows any MuxLab HDMI over IP Encoder (500752-TX) to be switched to any MuxLab HDMI over IP Decoder (500752-RX)
- Supports any gigabit Ethernet switch with IGMP enabled
- Save default configuration to the switch in case of power failure
- Flexible and configurable GUI
- Multiple network switches supported as long as they are located in the same subnet
- Auto discovery of Device ID settings
- Detection of display power 'On' or 'Off'

Support Matrix Switch Sizes
Up To 16 x 200!

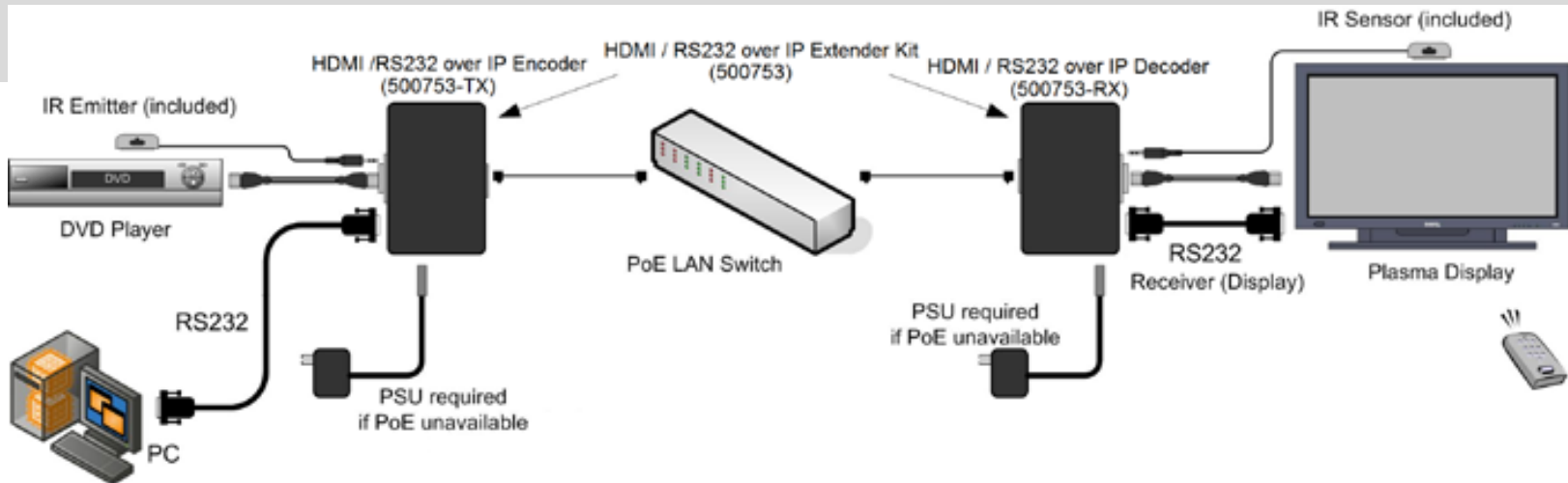


HDMI / RS232 over IP Extender Kit with PoE

- Extends 1080P HDMI signals up to 330ft (100m)
- Supports multicasting and broadcasting
- Supports PoE



Model 500753





AV Automation Software

MuxLab's Automation Control Software allows you to control your home or office on any device, from anywhere in the world!

- Requires MuxLab's Pro Digital Network Controller, Model 500810 (see next slide)
- Allows you to control all your MuxLab Pro Digital products in one place
- Third party control capability
- Web server access for easy control



Pro Digital Network Controller

- Web interface
- 10 / 100 Ethernet port
- Static , DHCP or Auto IP address allocation
- Linux OS
- Mounting holes for installation
- Rugged aluminium enclosure
- Fanless and low power design
- Serial port fallback
- LED diagnostic.
- Field upgradable software



Model 500810





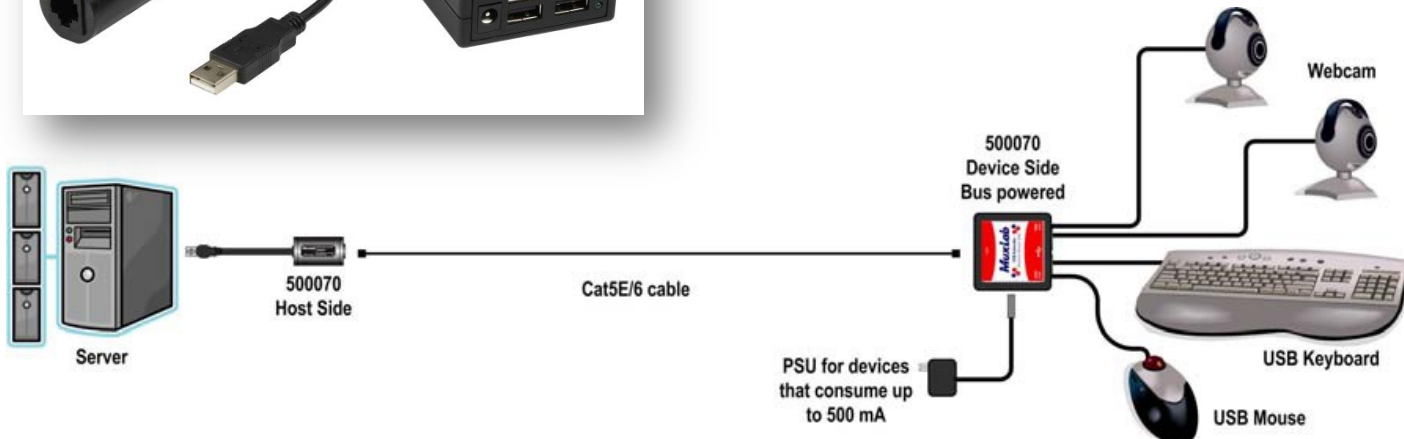
KVM Products

USB 4-Port Extender Kit

- Supports USB 1.1 (low and full speed)
- Four (4) port capacity
- Up to 150 ft (46m) via Cat5E/6
- Bus powered
- Plug and play
- External PSU for 500mA requirements
- US, UK and Euro blades



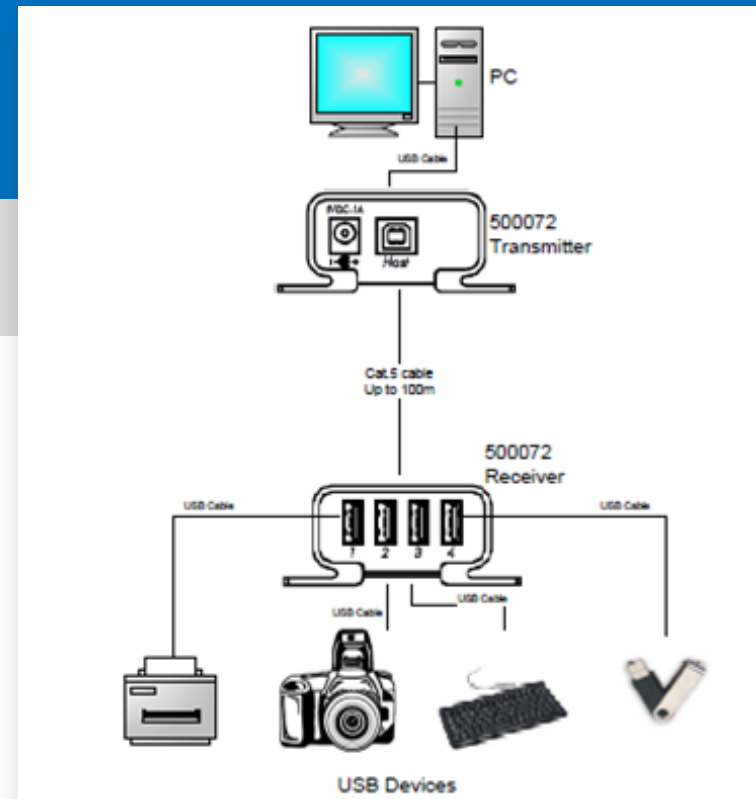
Model 500070



USB 2.0 4-Port Extender Kit

- True plug and play, no driver installation required
- Extends USB 2.0 high-speed and USB 1.1 (low-speed, full-speed) devices up to 100m (328ft) over Cat5e/6 cable
- Supports all USB device types: Control, Interrupt, Bulk and Isochronous at up to 480Mbps
- Compatible with major operating systems
- Aluminum enclosure and wall mount

Model 500072





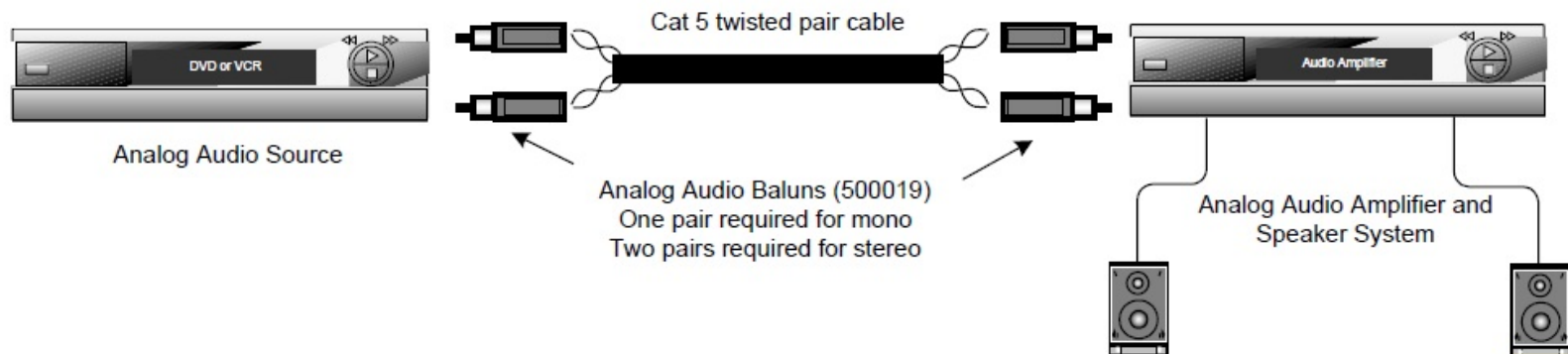
Pro Audio Distribution

Analog Audio Balun

- Eliminates coax cable
- Up to 5,000 feet (1.5km) via Cat 5 UTP
- 3dB bandwidth: 60Hz to 20KHz
- Gold-plated RCA connector
- Cable strain relief
- Compact design
- Lifetime warranty
- US Design Patent #D495,320



Model 500019

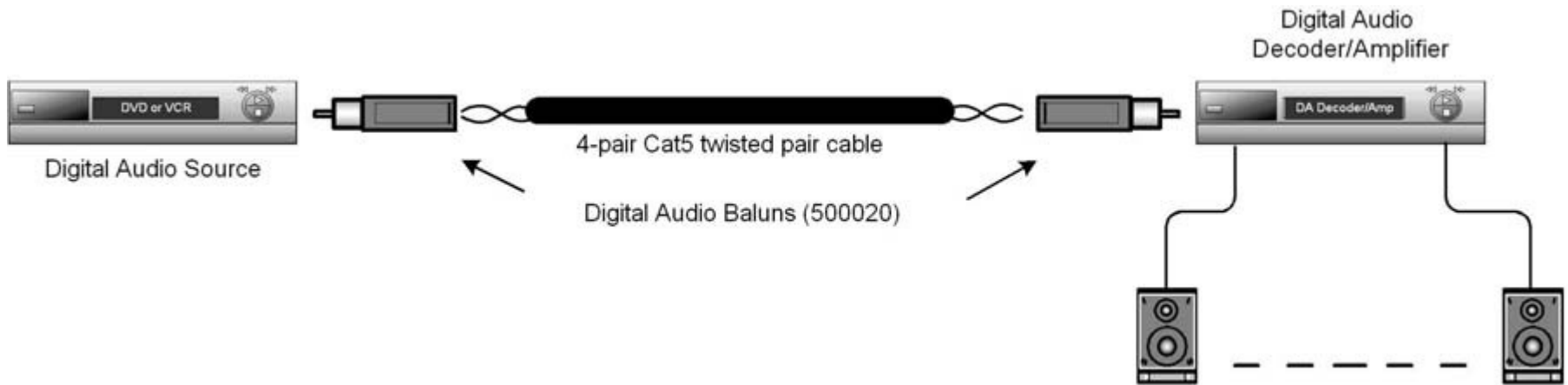


Digital Audio Balun

- Supports Dolby® Digital, dts® digital audio
- Up to 600 feet (183m) via Cat 5 UTP
- Cable strain relief
- Compact design
- Lifetime warranty



Model 500020

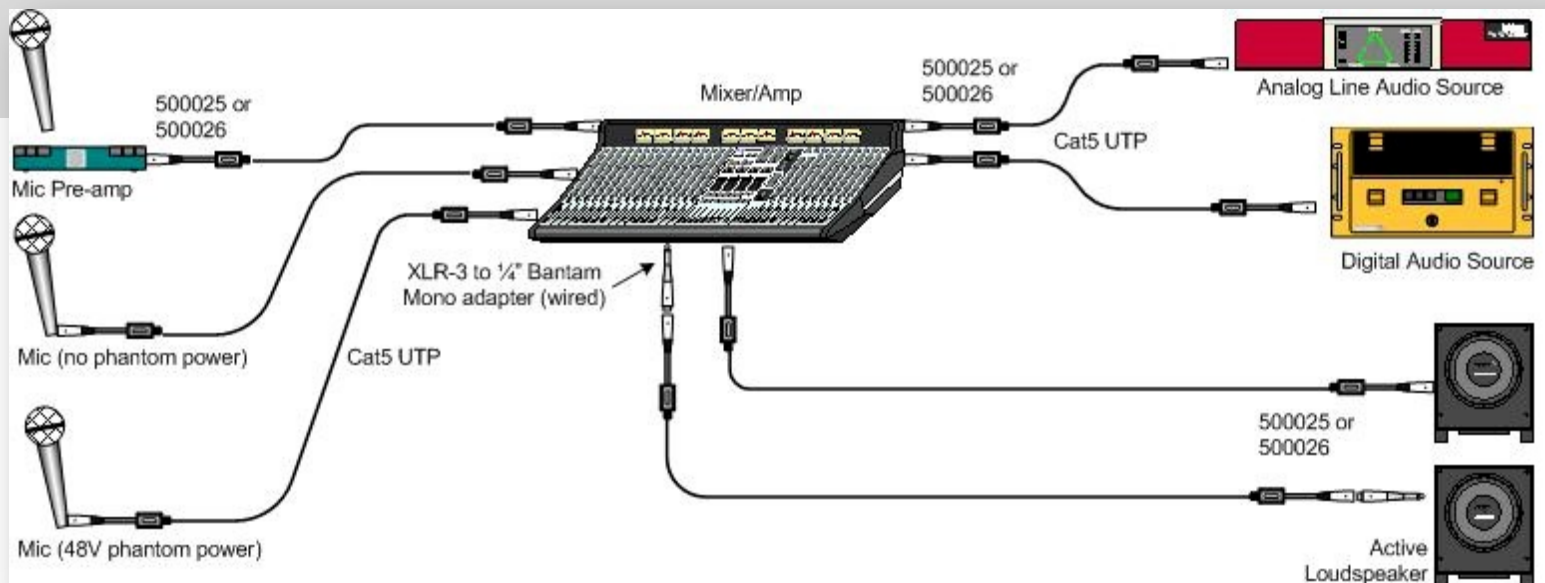


MonoPro™ XLR

- Cost efficient cabling via UTP
- Rugged cable strain relief
- Line analog audio up to 5,000 ft (1.5km) via Cat 5
- Digital audio up to 1,400 ft (426m) via Cat5
- Wires terminate inside product
- Locking XLR3 connector
- Optional wire terminal for ground/shield



Model 500025 (Male), 500026 (Female)

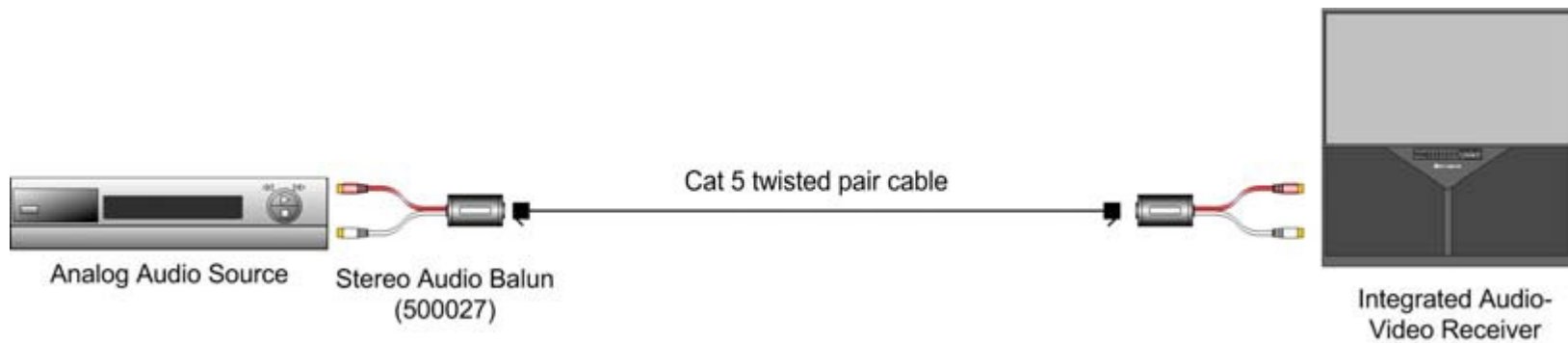


Stereo Audio Balun

- Cost-efficient cabling
- Up to 5,000 ft (1.5km) via Cat 5 UTP
- Color-coded RCA cable leads
- Quicker moves, adds and changes
- Compact design



Model 500027

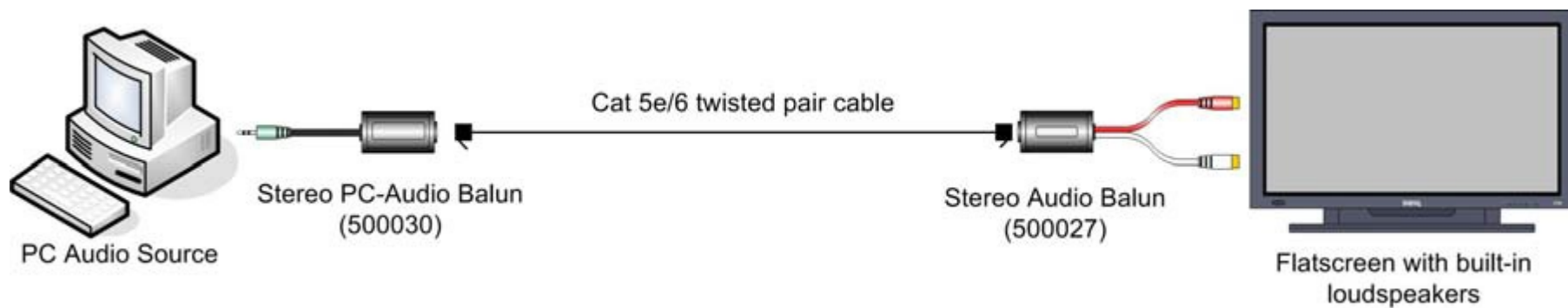


Stereo PC-Audio Balun

- Cost-efficient cabling
- Up to 5,000 ft (1.5km) via Cat 5/6 UTP
- Built-in 3.5mm stereo plug lead
- Eliminate additional adaptors
- Compact design



Model 500030



Stereo Hi-Fi Balun & Stereo Hi-Fi Wall Balun (US/UK)

- 20 Hz to 20 KHz bandwidth
- Cost-efficient cabling
- Up to 3,250 ft (1km) via Cat 5 UTP
- Color-coded RCA cable leads
- Quicker moves, adds and changes
- Wall-Plate version available



Model 500028 (Male), 500028-F (Female), 500028-2PK, 500028-WP (US&UK)



Quad Audio Balun & Quad Audio Wall Balun (US/UK)

- Cost-efficient cabling - save up to four (4) cables
- 20Hz to 20Khz bandwidth
- Analog audio up to 3,250 ft (1.0 km) via Cat 5
- Compact design for neater wiring



Model 500033, 500033-WP (US&UK)

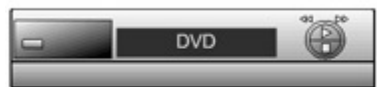


Digital Audio Converter, LPCM

- Converts 2-channel LPCM digital audio to left/right analog audio
- Switch selects between TosLink and S/PDIF inputs
- May be used with MuxLab mounting accessories
- TosLink cable included
- RCA cables not included

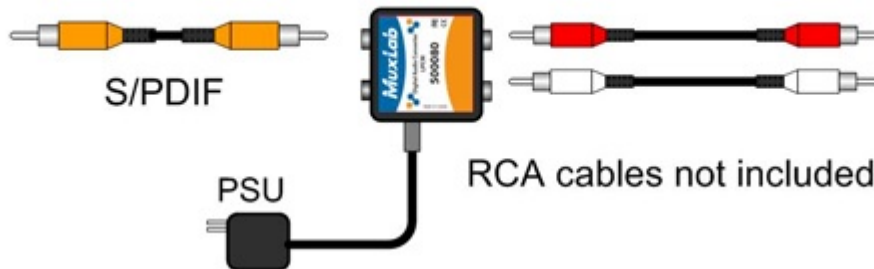


Model 500080



DVD Player

Digital Audio Converter, LPCM (500080)

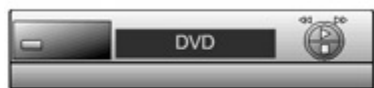


Digital Audio Converter, Dolby® Digital

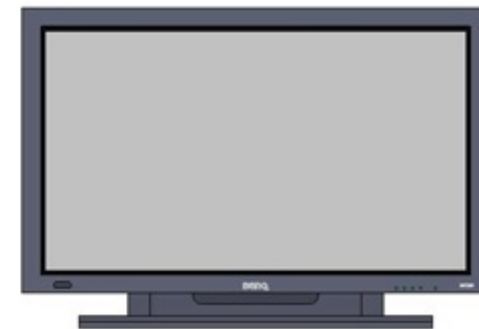
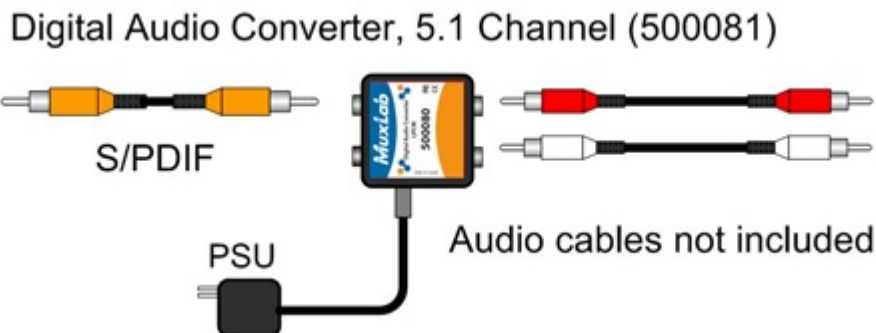
- Converts Dolby® Digital audio to left/right analog audio
- Switch selects between TosLink and S/PDIF inputs
- TosLink cable included
- May be used with MuxLab mounting accessories



Model 500081



DVD Player



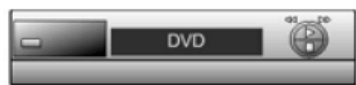
Digital Audio 5.1-Channel & DTS Converter

- Converts Dolby® Digital audio to left/right analog audio
- Converts DTS® Surround to left/right analog audio
- Switch selects between TOSLink and S/PDIF inputs
- May be used with MuxLab mounting accessories

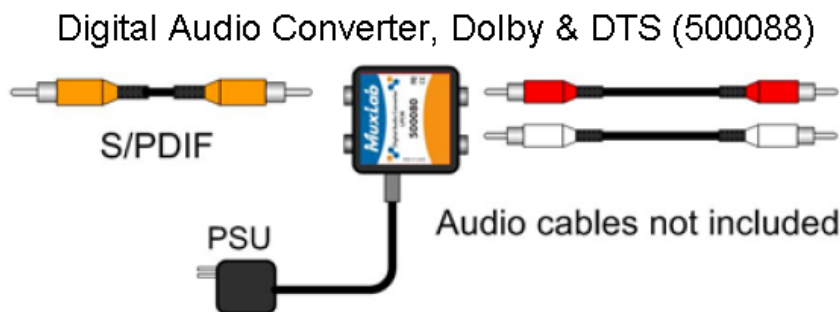


NEW

Model 500088



DVD Player



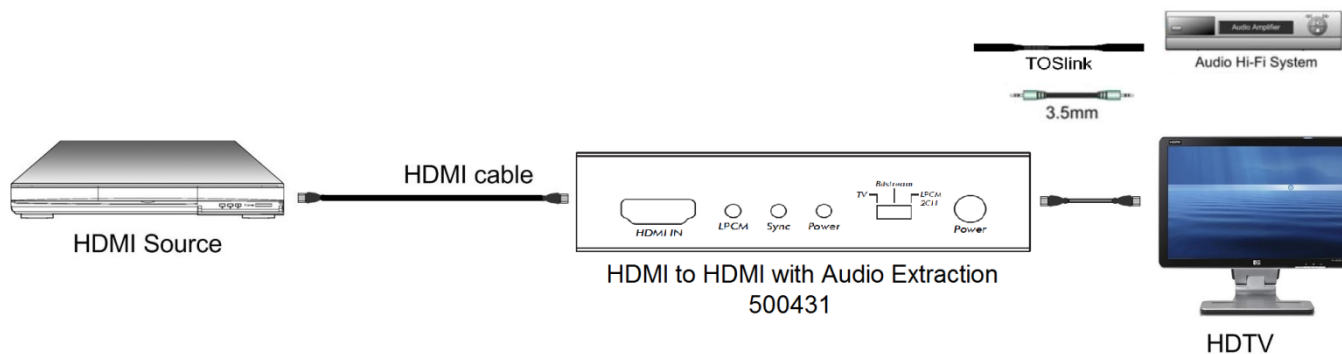
HDMI to HDMI with Audio Extraction, UHD 4K

- HDMI 1.4, HDCP 1.2 and DVI 1.0 compliant
- Supports HDMI audio sampling rate up to 192KHz
- No HDMI output connection required to receive audio
- Supports Analog Stereo and Optical S/PDIF audio outputs
- Supports resolution up to 4K* and 3D signals
- Supports Built-in audio EDID switching: LPCM 2CH, TV & Bitstream audio

**4K resolution 3840 X 2160 @ 24, 25, & 30 Hz*



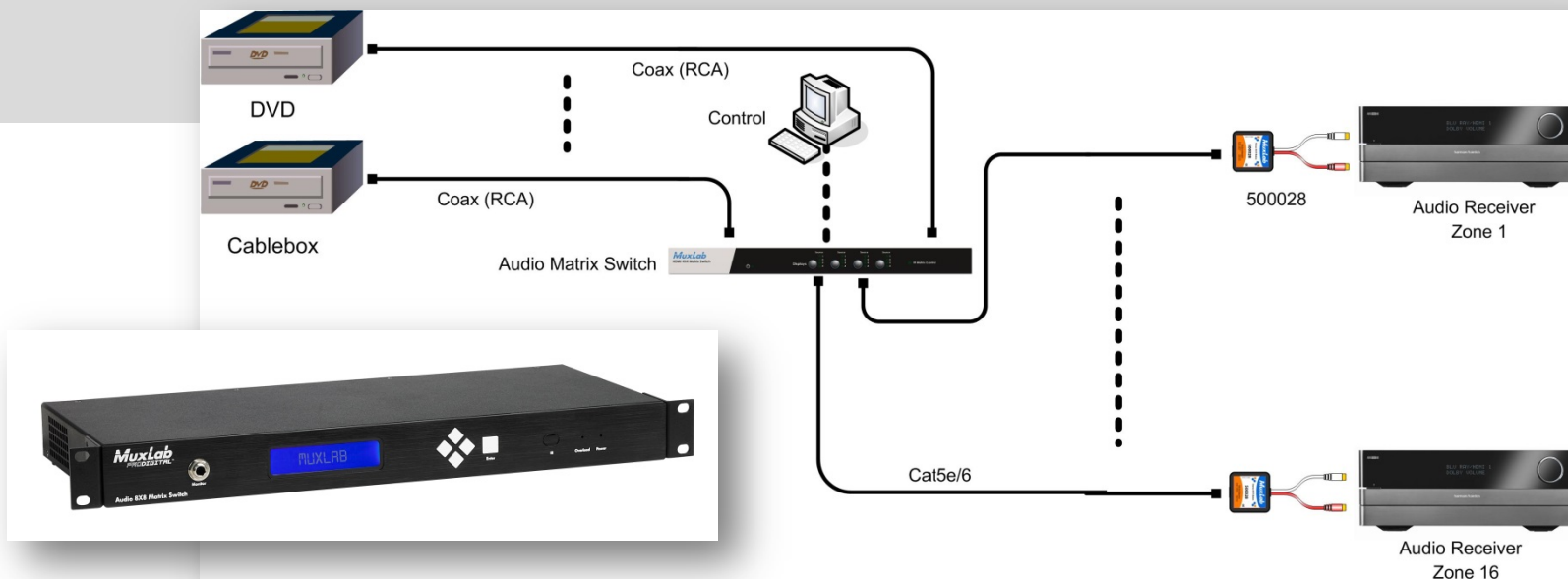
Model 500431



8 x 8 Cat 5e/6 Line Level Audio Matrix Switch

- Compatible with MuxLab's stereo audio & digital audio baluns
- RCA audio jack for input, RJ45 jack for output to preserve investment in structured cabling system
- Port buffering & Volume control
- Management via push-button, IR, RS232, Ethernet, Web Server, or 3rd party software

Model 500210





Analog AV Products

Stereo Audio-Video Balun

- One (1) video and two (2) audio channels
- BNC-F for video (10" coax lead included)
- RCA-F for audio
- Multi-room, classrooms
- Save up to two cables
- Uses three (3) twisted pairs

Model 500001



Stereo AV/IR Pass-Thru Balun

- One (1) video and two (2) audio channels
- Plus IR emitter pass-thru on 4th pair
- Built-in color coded RCA cable leads
- Multi-room, classrooms
- 20 to 20kHz audio bandwidth

Model 500048, 500049



Stereo Hi-Fi Video Balun

- One (1) video and two (2) audio channels
- Built-in color coded RCA cable leads
- Multi-room, classrooms
- 20 to 20kHz audio bandwidth
- Requires three (3) twisted pairs

Model 500039, 500039-2PK

Stereo Hi-Fi/Video GLI Balun

- Up to 2,200 feet (670m) via Cat5e/6 UTP
- Stereo Hi-Fi audio up to 3,250 ft. (990m)
- Ground Loop Isolation (GLI)
- Helps eliminate "hum bars"
- Only one required per connection
- Works with standard MuxLab composite video baluns

Model 500039-GLI



Dual Audio-Video Balun

- Two (2) video and two (2) audio channels
- Intercom/conferencing systems
- Uses four (4) twisted pairs
- Save up to three cables
- RCA-F connectors
- 1 or 2-way AV systems

Dual S-Video Balun

- Supports up to two (2) S-Video channels
- Optimizes Cat5/6 cable
- Up to 1,000 ft via Cat5
- Two (2) 4-pin Mini DIN
- Compatible with 500016
- Works with all MuxLab mounting accessories

Model 500012

Model 500013



S-Video Balun

- Up to 1,000 ft (305m) via Cat5
- Built-in cable lead
- Laptops, DVD, VCR, video servers
- Digital signage, projector systems
- Uses two (2) twisted pairs
- RJ45 modular connection

S-Video/Audio Balun

- S-Video and two (2) audio* channels
- DVD player, receivers, amplifiers
- Digital signage, multi-room systems
- Replace up to four (4) cables by one Cat5
- Uses four (4) twisted pairs

Model 500016



Model 500017



RGB Video Balun

- 480i/p: up to 1,000 ft (305m) via Cat5
- 720p/1080i/p up to 500 ft (152m) via Cat5
- Uses three (3) twisted pairs
- Component monitors, plasmas, projectors
- Includes three (3) coax cable leads
- Compatible with -50005X family

Model 500002



Quad Video Balun

- Four (4) composite video channels
- Uses four (4) pairs
- Cost-efficient: Replace up to four (4) coax cables
- RCA-F connectors
- Multi-room video systems
- Works with 500021

Model 500032



Component Video Balun

- Component (YPbPr): 1,000 ft (305m)*
- Composite video: 2,200 ft (670m)
- Multi-room installations
- Gold plated RCA connector
- Cable strain relief
- Compact

* Supports 480i, 480p

Model 500021

Component Video/Digital Audio Balun

- 480i/p: up to 1,000 ft (305m) via Cat5
- 720p/1080i/p up to 500 ft (152m) via Cat5
- Digital audio up to 600 ft (183m) via Cat5
- Digital signage, multi-room
- Plasmas, projectors, LCD
- Color-coded RCA leads

Model 500050, 500051, 500050-51PK



Component Video/Analog Audio Balun

- 480i/p: up to 1,000 ft (305m) via Cat5
- 720p/1080i/p up to 500 ft (152m) via Cat5
- Analog audio up to 3250 ft (990m) via Cat5
- Digital signage, multi-room
- Plasmas, projectors, LCD
- Color-coded RCA leads

Model 500052, 500053



Component Video/IR Pass-Thru Balun

- 480i/p: up to 1,000 ft (305m) via Cat5
- 720p/1080i/p up to 500 ft (152m) via Cat5
- Supports IR Emitter Pass-Thru on fourth twisted pair
- Digital signage, multi-room
- Plasmas, projectors, LCD
- Color-coded RCA leads

Model 500054, 500055



Component/Composite Video Balun

- 480i/p: up to 1,000 ft (305m) via Cat5
- 720p/1080i/p up to 500 ft (152m) via Cat5
- Supports composite video on fourth twisted pair
- Digital signage, multi-room
- Plasmas, projectors, LCD
- Color-coded RCA leads

Model 500056, 500057



Component Video/Stereo Audio Balun

- SD (480i/p) up to 1,000 ft (305m) via one Cat5/6
- HD (720p/1080i/p) up to 500 ft (152m) via Cat5/6
- Supports true Hi-Fi left/right analog stereo audio
- Ground Loop Coupling (GLC) to help eliminate "hum" bars (US Patent pending)

Model 500058, 500058-2PK



Component Video Hub

- Fully UTP in and out
- Cascadable up to two (2) levels
- Supports 480i/p to 1,000 ft (305m) via Cat5
- Supports 1080i/p to 500 ft (152m) via Cat5
- Digital or analog audio on 4th pair
- Ground loop iso on every port
- Works with 500050

500250: 8P, 110V

500251: 8P, 220-240V

500252: 16P, 110V

500253: 16P, 220-240V



Active Component Video Balun Kit

- Up to 1,000 ft (305m) via Cat5e/6 @ 480i/p
- Up to 500 ft (152m) via Cat5e/6 @ 1080p
- Supports simultaneous stereo and digital audio
- IR-Emitter pass-through
- Manual brightness/sharpness comp
- Ground loop isolation
- PSUs w/intl. blades



Model 500090



VGA Balun

- Up to 350 ft (107m) @ 800x600
- Up to 250 ft (76m) @ 1024x768
- Maximum resolution 1280x1024
- PC/Laptops, LCD, plasmas, projectors
- Classrooms, digital signage
- Saves conduit space
- STP highly recommended (for common signal ground)

Model 500010, 500011, 500014, 500010-14PK



VGA Balun II

- Fully supports UTP: No need for STP
- Up to 350 ft (107m) @ 800x600
- Maximum resolution 1280x1024
- PC/Laptops, LCD, plasmas, projectors
- Classrooms, digital signage
- Saves conduit space
- Reset button for sync-sensitive screens

Model 500040, 500041, 500042, 500043, 500040-42PK



Active VGA Balun Kit

- Up to 500 ft (152m) via Cat5 @ 1600x1200
- Up to 400 ft (123m) via Cat5 @ 1920x1440
- Manual Gain Adjust based on cable length
- Local monitor port
- Compact form factor
- Supports UTP or STP
- 500035: 110V (North America Kit)
- 500036: 220-240V (International Kit)

Model 500035, 500036

Active VGA Balun II Kit

- Up to 600 ft (183m) via Cat5e @ 1920x1440
- Up to 600 ft (183m) via Cat5e @ 1080p
- DDC Compliant for plug-and-play
- Remote power up to 150 ft (50m) @ Cat5e
- Manual Gain Compensation
- Ground Loop Isolation
- Supports VGA and RGB/YPbPr
- Includes two (2) PSU

Model 500140



Active VGA/Audio Balun Kit

- Up to 600 ft (180m) via Cat5e/6 @ 1920 x 1440
- Supports analog stereo or digital audio
- Supports RS232 and IR source control
- DDC1/DDC2 (Plug-and-Play) Compliant
- Manual gain and skew compensation
- Local VGA/Audio monitor output
- Ground loop isolation

Model 500145

VGA 1x4 Hub

- Plug and Play - DDC Compliant
- Remote power up to 150 ft (46m)
- Supports up to 1920 x 1440, 1080p
- Requires at least one (1) 500140
- Additional ports; use 500142
- Extended distance; add 500144 PSU
- Ground loop isolation
- Cascadable to 4 levels

Model 500150



VGA 4x1 Switcher

- Auto and Manual Modes
- Boardroom and classroom systems
- Control: pushbutton, IR, RS232, USB
- Includes MuxLab Control Center Software and IR
- Remote power up to 150 ft (46 m)
- Works w/500140/141/142
- DDC Compliant

Model 500160



Active VGA Managed System

- Dispatcher Hub distributes up to 8 or 16 displays
- Repeater Hub adds 1,000 ft (305m) and distributes to 8 more receivers
- Receiver supports dual VGA output and VESA mounting
- Manual and software gain/skew control
- MuxLab Control Software for gain/skew and display scripts
Control via GUI, RS232, Web

MuxLab Control Software

- Auto device discovery
- Mapping of all devices in system
- Adjust gain, sharpness and skew
- Send RS232 commands

- ❖ Active VGA Managed Dispatcher Hub 8P/16P (500170, 500171)
- ❖ Active VGA Managed Repeater Hub 8P (500172)
- ❖ Active VGA Managed Receiver Dual Head (500174)

Active VGA Managed Dispatcher

- Distributes VGA/Audio to up to 8 or 16 displays
- Up to 1,000 ft (305m) via Cat5e/6
- Gain/sharpness/skew adjustment via pushbutton, RS232
- Cascadable with Active Repeater Hub (500172)
- Works with Active Managed Receiver (500174)
- GUI software controls gain, sharpness, skew

Model 500170, . 500171

Active VGA Managed Repeater

- Distributes VGA/Audio to up to 8 displays
- Extends distance additional 1,000 ft (305m)
- Gain, sharpness, skew adjustment via pushbutton, RS232
- Works with the Active VGA Managed Dispatcher Hub (500170/171) and Active VGA Managed Receiver (500174)

Model 500172



Active VGA Managed Receiver

- Converts Cat5e/6 to VGA/audio
- Up to 1,000 ft (305m) via Cat5e/6 @ 1920 x 1200
- Supports VGA, stereo audio and RS232
- Gain, sharpness, skew adjust via manual, GUI, RS232
- Works with 500170/171 and 500172
- VESA 75/100mm mounting flanges



Model 500174



Wall Plate Baluns

Designed for North American back box mounting and are compatible with MuxLab's standalone versions of the baluns. Decora™ compatible.

- 500028-WP-US Stereo Hi-Fi Wall Balun, US
- 500033-WP-US Quad Audio Wall Balun, US
- 500038-WP-US S-Video Hi-Fi Wall Balun, US
- 500043-WP-US VGA Balun II Wall Balun, PC Side, US
- 500041-WP-US VGA Balun II Wall Balun, Monitor Side, US
- 500049-WP-US Stereo Audio/Video/IR Pass-Thru Wall Balun, US
- 500053-WP-US Component Video/Analog Audio Wall Balun, US
- 500058-WP-US Component Video/Stereo Audio Wall Balun, US



Designed for UK back box mounting. Compatible with MuxLab's standalone versions of the baluns. The baluns allow single use AV cable to be connected between the AV equipment and the structured cabling system, thereby providing a single point of connection. Fit standard UK 86x86mm back boxes with minimum depth of 40mm.

- 500028-WP-UK Stereo Hi-Fi Wall Balun, UK
- 500033-WP-UK Quad Audio Wall Balun, UK
- 500038-WP-UK S-Video Hi-Fi Wall Balun, UK
- 500043-WP-UK VGA Balun II Wall Balun, PC Side, UK
- 500041-WP-UK VGA Balun II Wall Balun, Monitor Side, UK
- 500049-WP-UK Stereo Audio/Video/IR Pass-Thru Wall Balun, UK
- 500053-WP-UK Component Video/Analog Audio Wall Balun, UK
- 500058-WP-UK Component Video/Stereo Audio Wall Balun, UK





Accessories

Rackmount Balun Chassis 16



Model 500900

Rackmount Balun Chassis 6



Model 500902



3 Port Rackmount Transceiver Chassis



Model 500905

16 Port Rackmount Transceiver Chassis



Model 500906

500907 Filler module kit for 500906/909 (4)

500908 Bracket kit for models 500906/909 (4)



Surface Mount Balun Plate



Model 500910

Wall Mount Balun Fixture



Model 500915



Surface Mount Transceiver Plate



Model 500916

IR Emitter IR Sensor



Model 500998, 500999





MuxLab Inc.

8495 Dalton, Montreal, Quebec, H4T 1V5
CANADA

Tel: 514-905-0588

Toll-Free: 1-877-689-5228

Email: videoease@muxlab.com

www.muxlab.com

