

## TAHOMA-MULTICASTER MULTIVIEWER + ROUTER + UP/DOWN/CROSS CONVERTER + AUDIO ROUTER + EMBEDDER



### Key Features

- Multiviewer + Router + Up / Down / Cross Converter + Audio Router + Audio Embedder
- 16x4 / 16x8 Built-in Router for the Multiviewer
- 16x1 Built-in Router for the Up / Down / Cross Conversion
- Upgrade to 3G via software
- 16 channels of embedded audio per SDI input
- 4 channels of discrete audio per input (optional)
- 1-2 outputs in DVI, HDMI or VGA (option)
- 1 SDI Multiviewer outputs, 1 SDI Router output
- Output resolution up to 1920 x 1200 (incl. 1080p)
- Built-in CATx extenders for each output
  - Passive short distance receivers up to 32 feet
  - Active long distance receivers up to 115 feet
- Multiple labels per video windows - UMD, OMD, IMD, standalone labels
- Automatic input aspect ratio detection
- Apantac skin technology allows on-screen graphical elements to be designed with any graphics tool
- Front panel headphone jack with volume adjustment for audio monitoring
- Front panel buttons for quick preset recalls
- 1RU with optional redundant power supply
- 3 year limited warranty

### Accessories

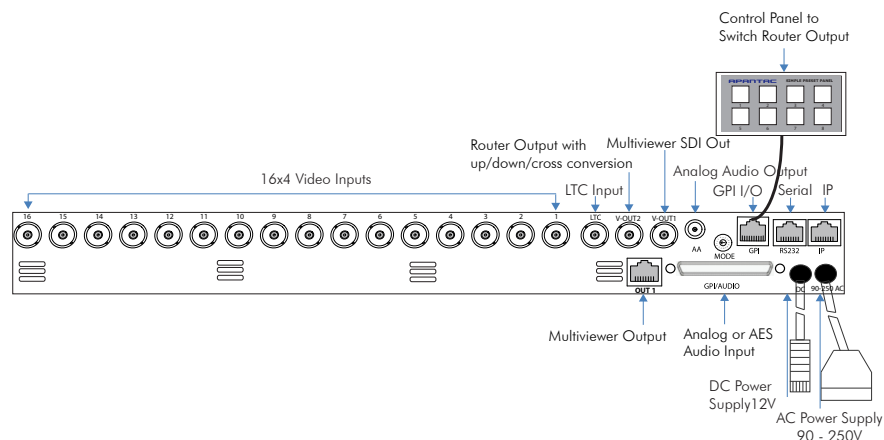
#### Standard

- 15 feet of CAT5 cable
- DVI and HDMI Short Distance Receiver
- Rack mount
- SCSI to DB9 for GPI
- GPI Terminal Block
- RJ50 to DB9 for GPI per module
- RJ45 to DB9 for Serial
- CD (software, manual)

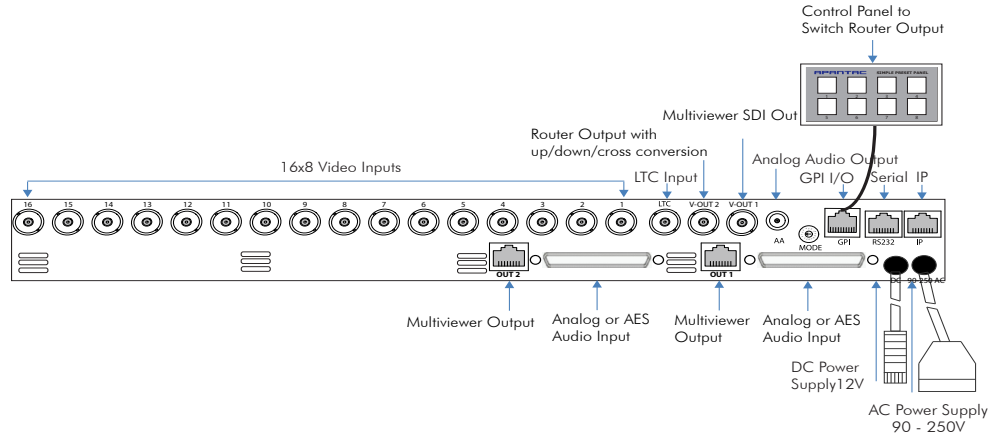
#### Options

- SDI output(s)
- HDMI, DVI, VGA Long Distance Active Receivers
- 8 channel AES balanced / unbalanced breakout
- 16 channel AA balanced / unbalanced breakout
- Redundant power supply

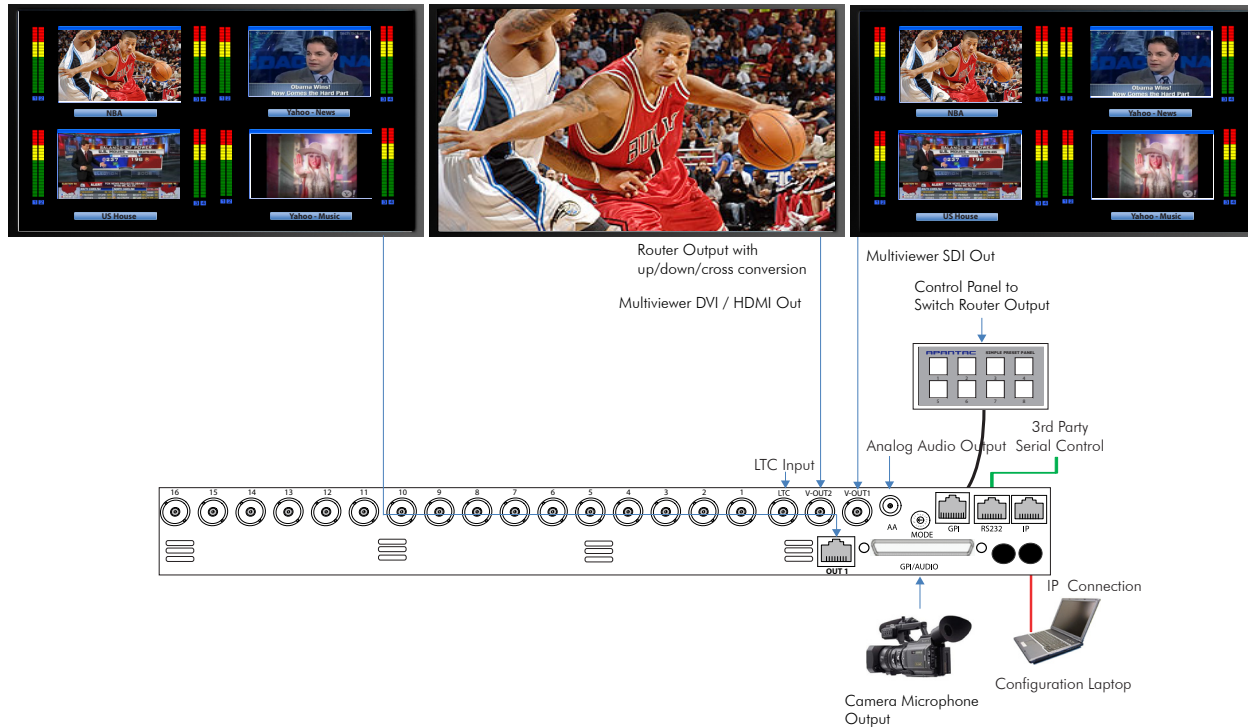
### TAHOMA-MULTICASTER-4 Rear Panel



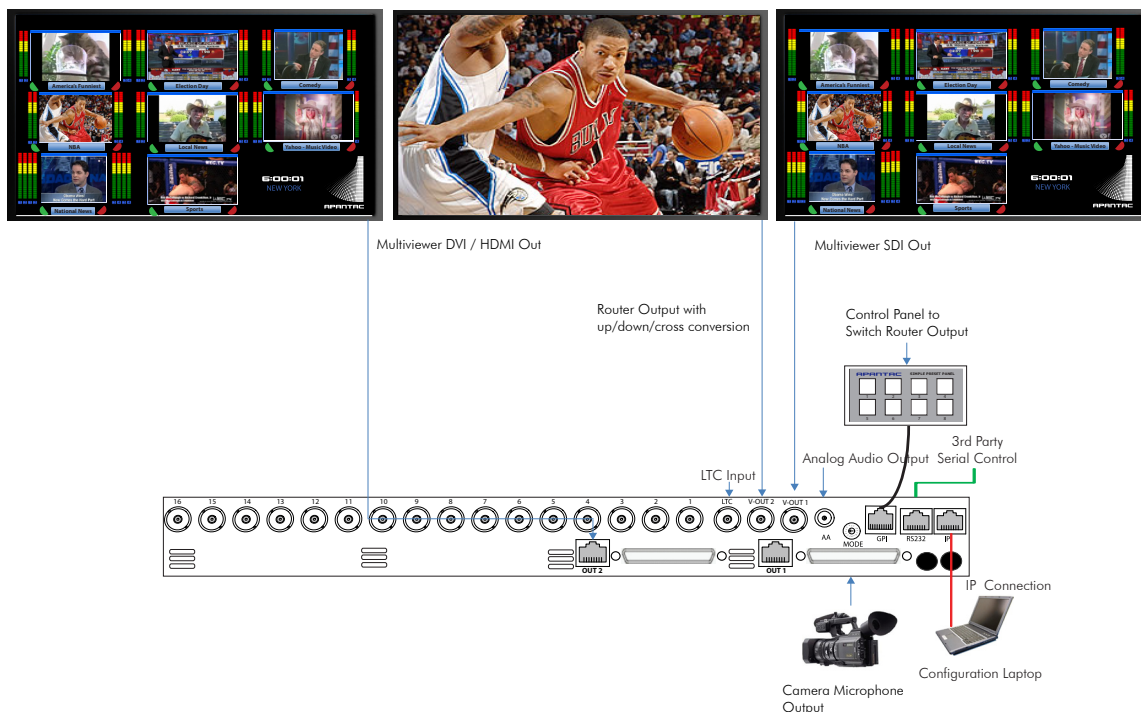
## TAHOMA-MULTICASTER-8 Rear Panel



## TAHOMA-MULTICASTER-4



## TAHOMA-MULTICASTER-8



## MULTICASTER BUNDLES

MULTICASTER-4	
<b>MULTICASTER SET 1</b>	
TAHOMA-Multicaster-4	TAHOMA Multicaster-4 with 16x4 Routing Switcher
SPP	Simple Preset Panel for Router Switching
<b>MULTICASTER SET 2</b>	
TAHOMA-Multicaster-4	TAHOMA Multicaster-4 with 16x4 Routing Switcher
SPP	Simple Preset Panel for Router Switching
AA-BL-S	16 Analog Audio Inputs with High Density Connectors

MULTICASTER-8	
<b>MULTICASTER SET 3</b>	
TAHOMA-Multicaster-8	TAHOMA Multicaster-4 with 16x8 Routing Switcher
SPP	Simple Preset Panel for Router Switching
<b>MULTICASTER SET 4</b>	
TAHOMA-Multicaster-8	TAHOMA Multicaster-4 with 16x8 Routing Switcher
SPP	Simple Preset Panel for Router Switching
AA-BL-S	16 Analog Audio Inputs with High Density Connectors

## SPECIFICATIONS

Video Inputs	16x4, 16x8 HD/SD-SDI	Outputs	1-2 DVI, HDMI, VGA (option) 1 SDI Multiviewer Output 1 SDI Router Output
Connectors	BNC IEC 61169-8 Annex A	Output Resolution	800 x 480 - 2048 x 1080 (1080p)
Total Windows	4, 8, 12, or 16	Built-in CATx Extender	Up to 35 feet, extend up to 115 feet (with optional active receiver)
Serial Digital	SMPTE 424M, SMPTE 292M, SMPTE 259M	Built-in Routing Switcher	Route any input source to any Multiviewer output
Equalization	120m at 2.97 Gbps, 140m at 1.485 Gbps, 400m at 270 Mbps with Belden 1694A	On Screen Display	Skin Technology for customizing borders, labels (4 / window), fonts, tally LEDS, clock faces, logos, UMD, OMD, IMD, dynamic UMD
Return Loss	>15db up to 1.5Gbps, >10db up to 3G	General Purpose IO	Up to 24 inputs with DB9 connectors, 8 used for router switching
Embedded Audio	SMPTE-272M-A	Serial Port	RS232 with RS422 or RS485 option Connector: RJ45 Baud Rate Up to 115200 Supported Protocols: TSL, TSI, AXP
AES Audio	4 channels / video input (2 pairs, balanced / unbalanced)	IP	100 Base-TX, Supported Protocols: TSL, AXP, Connector: RJ45
Analog Stereo	4 channels / video input (balanced / unbalanced)	Electrical	110W, 90-250V 50/60 Hz
Embedded Audio	SMPTE-272M-A	EMI/RFI	Complies with FCC Part 15, Class A, CE, EU EMC, C-tick
Alarms	No audio, audio high / low, no video, video black, video frozen, WSS, AFD	Power	Optional redundant power supply
Control	Front panel buttons for quick preset recalls, GPIs, Apantac ASCII Protocol (AXP), Director (config & control app)	Size	1RU, 44.5cm (17.5")W x 50cm (19.7") D