



## Component Video, Digital Audio, L+R Analog Audio PreAmp

The Borrego+ matrix switch is an 8 input matrix with optionally 4 or 8 outputs, designed for switching and distributing high definition video and digital and analog audio throughout the home. The Borrego+ features a preamp section to allow volume, bass and treble control of the analog audio, which can then be fed directly into multizone amplifiers for whole house audio. This allows the centralization of all AV source equipment, and allows those sources to be shared throughout the home.

### Features:

- 8 inputs of Component video (YPbPr), 4 or 8 outputs
- Digital audio (SPDIF coax), doubles as composite video matrix
- Left and Right analog audio
- Volume, Bass, and Treble for each output
- Full non-blocking matrix - All outputs can display the same signal, or different signals.
- Independent audio and video switching. Digital and analog audio can be switched independently
- NeoTouch™ front touchpanel
- Highly visible Vacuum Fluorescent Display (VFD)
- Front panel lockout, Front panel blackout
- IR codes available in several formats for easy integration
- Multiple control inputs - RS-232, USB, IR detector (front) and wired IR (rear)
- 10 memories for storing and recalling switching commands
- Variable duration fade up/down
- Discrete volume up/down IR codes for each zone

### Specifications:

Power Inlet:	IEC 320-C14
Input Voltage:	90-240VAC 50-60Hz, 10W typical
Dimensions:	Width: 17" Height: 3.45" Depth 10.5" (not including removable feet)
Weight:	12 lbs
Video Bandwidth:	140MHz+ (up to 1080p)
Analog Audio Bandwidth:	20 Hz to 20KHz
Digital Audio Modes:	PCM, LPCM, Dolby, DTS
Digital Audio/C-Video Bandwidth:	20MHz
RS-232:	115200 baud, full two way protocol (can be used as one way)
USB:	Slave device, Windows driver included, Installs as virtual COM port
Rear IR:	3.5mm mono jack for 5V or 12V unmodulated blaster input, polarity insensitive



### Designed and Manufactured in the USA by:

NeoPro  
1594 Fayette St.  
El Cajon, CA 92020  
619-258-2000 sales & support  
619-258-2135 fax  
[www.neoprointegrator.com](http://www.neoprointegrator.com)

For pricing contact your NeoPro integration dealer