

## AutoPatch Matrix Switchers

# Precis DSP Fixed

stereo audio matrix switcher



**The new Precis with DSP provides the ultimate solution for distributed audio. With robust features like input gain control, and output volume, tone, balance and a 10-band graphic equalizer, you have the power to send audio to any room at any time – exactly how you want to hear it.**

### PROFESSIONAL AND CONSUMER AUDIO SOURCES IN PERFECT HARMONY

The Precis DSP features gain adjustment on each individual input allowing for normalization of all inputs to eliminate perceived jumps in volume (which are really line level variances) as the user switches between various sources.

### ENHANCE THE BEAUTY OF SOUND IN EVERY ROOM

Deliver audio to each room to suit its unique acoustical characteristics. Each output on the Precis DSP features full 10-band EQ adjustments as well as volume, tone and balance control. So whether the room is large or small, filled with absorbent or reflective furnishings, now the audio remains perfect.

- Unbalanced stereo audio
- Gold-plated RCA connectors
- Robust APGraphic EQ setup software
- RS-232 control port; simple BCS serial control protocol

### AVAILABLE MODELS

8X8 STEREO AUDIO WITH DSP  
AVS-PL-0808-00P (8x8)

18X18 STEREO AUDIO WITH DSP  
AVS-PL-1818-00P (18x18)



**GENERAL**

AC Power: 100-240 VAC single phase, 50-60 Hz  
 Power Consumption (max): 45 Watts per enclosure  
 Operational Temperature: 32° to 95° F ( 0° to 35° C )  
 Humidity: 0 to 90% non-condensing  
 Enclosure Dimensions: 9.75" (24.77 cm) depth  
 17.4" (44.2 cm) width without rack ears  
 19.0" (48.26 cm) width with rack ears  
 Height: 3.5" (8.89 cm) height, 2 RU (18x18)  
 1.7" (4.32 cm) height, 1 RU (8x8)  
 Weight: Appx. 10.5 lbs (4.76 kg) per enclosure  
 Approvals: CE, UL, cUL

**STANDARD AUDIO**

Input Level (max): +14 dBu, unbalanced  
 Input Impedance: 2 k $\Omega$   
 Output Level (max): +14 dBu, unbalanced  
 Output Impedance: < 5  $\Omega$   
 Frequency Response: < 0 to -0.8 dB (20 Hz to 20 kHz)  
 THD + Noise: < 0.1% (1 kHz, Vin = -10 to +10 dBu)  
 Signal to Noise Ratio: > 90 dB (20 Hz to 20 kHz, Vin = +14 dBu)  
 Crosstalk: < -115 dB (1 kHz, Vin = +14 dBu)  
 Input Gain Adj. Range:\* +10 dB to -10 dB\*, via software  
 Output Volume Adj. Range:\* +10 dB to -70 dB\* (mute), via software  
 Coupling: AC Coupled  
 Connectors: RCA (Gold-plated RCA connectors)

**AUDIO DSP FEATURES**

Tone - Bass: Low Pass Shelf @ 250 Hz  
 -12 dB to +12 dB (in 0.5 dB increments)  
 Tone - Treble: High Pass Shelf @ 6 kHz  
 -12 dB to +12 dB (in 0.5 dB increments)  
 10 Band Equalizer: 32 Hz, 64 Hz, 125 Hz, 250 Hz, 500 Hz,  
 1 kHz, 4 kHz, 8 kHz, 16 kHz  
 -12 dB to +12 dB (in 0.5 dB increments)

**10-BAND GRAPHIC EQUALIZER**

The 10-Band Graphic Equalizer has 10 distinct bands for boosting or cutting center frequencies. This is useful when "fine tuning" the acoustics of a particular audio zone to suit the physical characteristics of the room or zone.

\*The total through-system gain for any input/output pair cannot exceed +10 dB.

**INPUT GAIN CONTROL**

Input gain control is provided to normalize input signals that have differing line level voltages. This eliminates the potential volume variances that can occur during switching, particularly when combining professional and consumer audio devices in the same system.

**BALANCE, TONE AND VOLUME CONTROL**

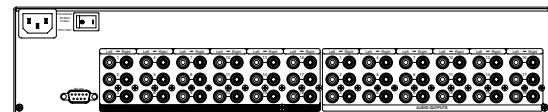
Balance Range: 100% left to 100% right

**8X8 STEREO AUDIO WITH DSP**



Available: 8x8  
 AVS-PL-0808-00P  
 (FGP37-0808-00P)

**18X18 STEREO AUDIO WITH DSP**



Available: 18x18  
 AVS-PL-1818-00P  
 (FGP37-1818-00P)



IT'S YOUR WORLD. TAKE CONTROL.