

## 8 INPUT STEREO AUDIO FOLLOW, RS-232/485 MODEL PAF-820



MADE IN THE USA



### FEATURES

- ◆ 8 Inputs
- ◆ Digital Switching
- ◆ Balanced Differential
- ◆ One Rack Unit Cabinet
- ◆ Output Impedance, 66Ω
- ◆ RS-232, RS-422, RS-485

The PAF-820 is a professional stereo audio follow switcher for the video companion. The high impedance balanced input circuits reduce loading effects and noise on the incoming signals. The low output impedance of 66Ω provides a maximum level of +24dBu. The input and output connections are printed circuit spring terminal blocks. The terminal blocks provide reliable clamping action for secure and reliable operation due to a force amplifying hinge motion.

A nine pin female D connector provides serial interface to computer or modem for RS-232 control which is standard in all units. The switcher is available in other models for stereo, mono or four channel operation.

The RJ-11 telephone connector allows several audio follow units to operate in tandem, so several levels of audio may be achieved.

Multiple switchers can be controlled by a single remote control panel, PSR series. The PAF-820 is RS-232 controlled and remote control is RS-422 or RS-485 via an RJ11 telephone connector and cable assembly.

The ASW-820 will operate as a stereo audio follow unit or as a stand-alone audio switcher. The switcher incorporates digital switching logic and high performance audio circuitry that forms the foundation for excellent reliability. All VSW, ASW, PAF and PSR series units occupies on rack space.

The PAF-820 will operate with the PSR-824 remote control and the VSW-821 video switcher. Several PSR-824 remotes may be attached to PAF-820 for controlling from many locations. All remote locations may select the audio source signal

# PAF-820 8 X 1 STEREO FOLLOW SWITCHER

## SPECIFICATIONS

### INPUTS:

Number: ..... Eight (8), Stereo  
Impedance: ..... 20K $\Omega$ , Looping  
Configuration: ..... Balanced Differential  
Max Level: ..... +24dBu

### OUTPUTS:

Number: ..... Two (2)  
Level: ..... +24dBu  
Impedance: ..... 66 $\Omega$   $\pm$  5%  
Frequency Response: .....  $\pm$ 0.02dB, 20Hz to 20KHz  
Insertion Gain: .....  $\pm$ 0.05dB  
Slew Rate: ..... >30V/ $\mu$  Balanced  
Signal-to-Noise: ..... >100dB A Wtd +8dBu  
THD: ..... <0.004% @ 20KHz  
Crosstalk: ..... 95dB @ 20KHz  
Output DC Offset: ..... <10mV  
Common Mode Rejection: ..... >80dB @ 20KHz  
Output Isolation: ..... >100dB @ 20KHz

### ENVIRONMENTAL:

Temperature: ..... 0 to 50 C ambient  
Humidity: ..... 0% to 90% non-condensing

### POWER:

Input: ..... 120/240 VAC $\pm$ 10%  
Power: ..... 7 watts

### MECHANICAL:

Height: ..... 1.75 Inches  
Width: ..... 19 Inches  
Depth: ..... 8.7 Inches  
Weight: ..... 6.5 Lbs.

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