

8X2 STEREO AUDIO FOLLOW, RS-232/485 MODEL PAF-821



MADE IN THE USA



FEATURES

- ◆ 8 Inputs X2
- ◆ Digital Switching
- ◆ Balanced Differential
- ◆ One Rack Unit Cabinet
- ◆ Output Impedance, 66Ω
- ◆ RS-232, RS-422, RS-485

The PAF-821 is a professional stereo audio follow switcher for its 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.

There are **no push buttons** on the front panel as the PAF-821 gets its control functions from the VSW series switchers or RS-232 from a computer. Multiple switchers can be controlled by a single remote control panel, PSR series. The PAF-821 is RS-232 controlled and remote control is RS-422 or RS-485 via an RJ11 telephone connector and cable assembly.

The PAF-821 is the stereo audio follow companion switcher for the VSW-822 video switcher. With digital switching logic combined with high performance audio circuitry this forms the foundation for the next generation of audio routing switchers. All VSW, ASW, PAF and PSR series units occupies one rack space. Each unit includes a power supply for reliable operation.

PAF-821 8 X 2 STEREO FOLLOW SWITCHER

SPECIFICATIONS

INPUTS:

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

OUTPUTS:

Number: One (1). For each source group
Level: +24dBu
Impedance: 66 Ω \pm 5%
Frequency Response: \pm 0.02dB, 20Hz to 20KHz
Insertion Gain: \pm 0.05dB
Slew Rate: >30V/ μ 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 50C 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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