



SWAV-8

Professional Series

8 Zone Stereo Audio Preamp and Video Switcher



Typical System Applications

- Multi-Room Audio
- Outdoor Audio
- Restaurants
- Night Clubs
- Home Theater
- Hotels
- Music Servers
- Background Music

Key Features

- 8 composite video/digital (S/PDIF) audio output zones
- 8 analog stereo audio source inputs
- 8 analog stereo audio output zones
- 8 composite video/digital (S/PDIF) audio output zones
- RS-232 port for control and bi-directional communication
- Rack mount option



PC based Sample Test/Control Software

Software specification available to allow for control/feedback via touch screens, computers, etc.

Note: Not all functions shown above are available for this model.

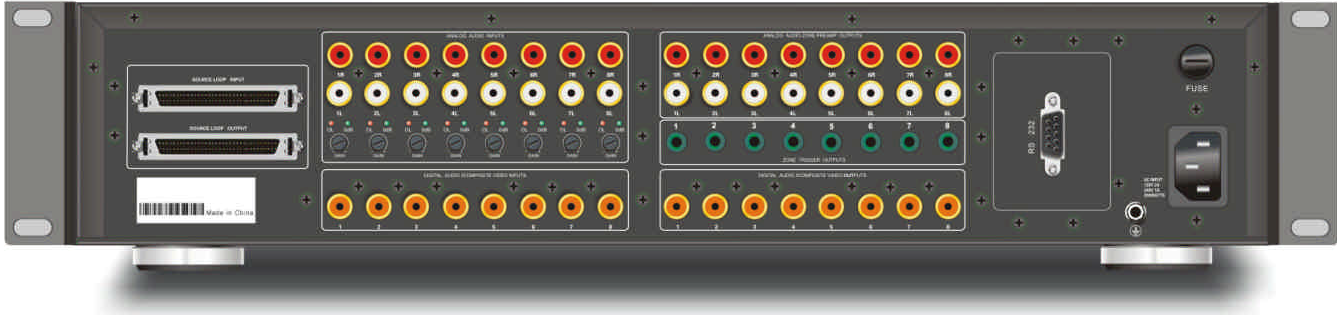
The SWAV-8 features eight analog stereo audio/composite video zone outputs and eight analog stereo audio/composite video source inputs.

The A8 can be expanded into a minimum of 64 zones by cascading multiple units together (8 units) .

All analog audio inputs allow independent multi-band equalization for each zone.

All analog audio inputs have independent rear panel input gain control, and all zone audio outputs have independent digital volume, bass, treble, 3-band EQ control via RS-232 control.

SWAV-8 Specifications



Main Features

- Programmable multi-zone matrix audio/video switch
- 8 analog stereo audio output zones.
- 8 analog stereo audio source inputs.
- 8 composite video/digital (S/PDIF) audio output zones.
- 8 composite video/digital (S/PDIF) audio source inputs.
- Buffered audio expansion outputs for all source inputs
- Expandable to 64 zones.
- Independent volume, bass, treble, 3-band EQ, and balance control for all audio zones.
- Independent input gain control for each audio source input.
- 8 independent trigger outputs (12VDC) for each zone.
- Front panel buttons with blue LED backlight.

Specifications – Stereo Analog Audio

Input Level (max): +14 dB, unbalanced
Input Impedance: 2kOhms
Output Level (max): +14 dB, unbalanced
Frequency Bandwidth Preamplifier: 20-20kHz (+0, -1 dB)
THD : > -75dB for all outputs , A-weighted
SNR : > -75dB for all outputs , A-weighted
Crosstalk : < -75 dB (1 kHz, Vin = +14 dB)
Input Gain Adjust Range: +10 dB to -10 dB
Output Volume Adjust Range: +10 dB to -70 dB (mute), via software
Coupling: AC coupled
Connectors: 8 Stereo RCA (Gold-plated)
Bass Control: Low Pass Shelf, 250 Hz -12 dB to +12 dB (0.5 dB steps)
Treble Control: High Pass Shelf, 6 kHz -12 dB to +12 dB (0.5 dB steps)
3 Band EQ Control: , -12 dB to +12 dB (0.5 dB steps)

Specifications - Composite Video/Digital Audio

Input Impedance: 75 Ohms nominal
Output Level (max) : ± 1.2 Volts
Output Impedance: 75 Ohms nominal
Frequency Response: 50 MHz or better (± 3 dB) / 20 MHz or better (± 1 dB)
Crosstalk: < -50 dB (f = 5 MHz)
Differential Gain: < 0.2% or better (f = 3.58 MHz)
Differential Phase: < 0.2° or better (f = 3.58 MHz)
Signal to Noise Ratio: > 65 dB (Vin = 0.7 V, 100 % IRE)

Software Control Functions :

Individual Zone on/off control and status feedback
Software update via USB
RS-232 port for control and bi-directional communication.

Other:

All steel chassis with brushed anodized aluminum front panel

AC Input Voltage: 120VAC $\pm 10\%$, 60Hz or 240VAC $\pm 10\%$, 50Hz
Auto selecting , 24 watts

Dimensions :

Dimensions (with removable rack ears & front cover) HxWxD
3.5in(89mm) x 19in(483mm) x 11.5in(292mm)
Dimensions Chassis (without rack ears & front cover)HxWxD
3.5in(89mm) x 17in(432mm) x 11 in(280mm)

Weight : 11 lbs (4.99kg)