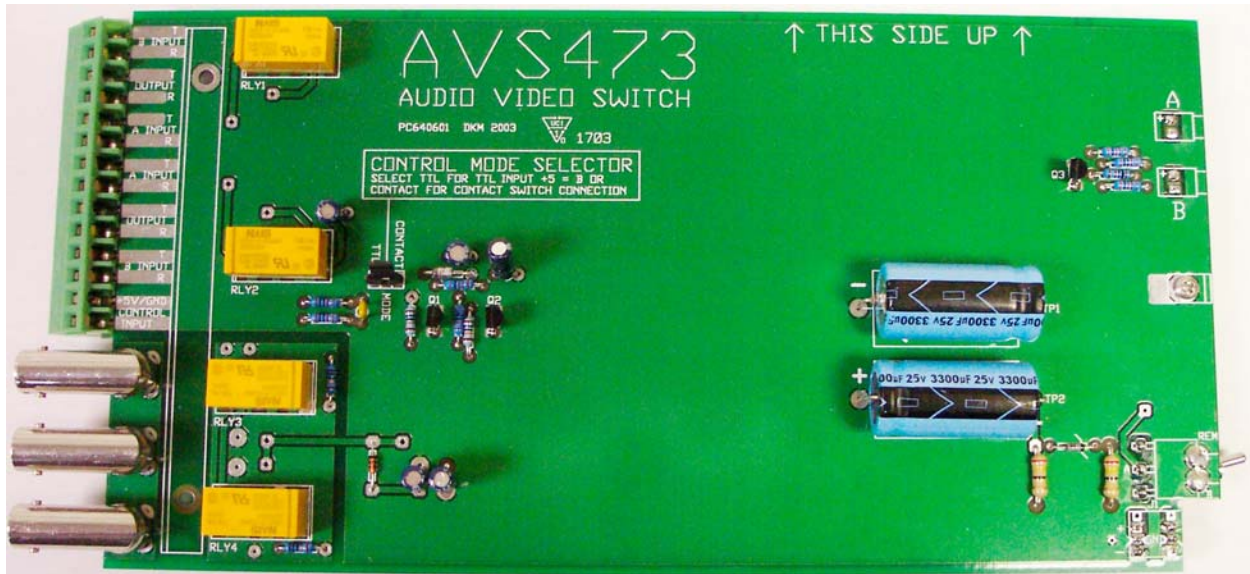


AVS473

AUDIO VIDEO SWITCH



The **AVS473 AUDIO VIDEO SWITCH** is an automatic 2X1 Stereo audio follow video switching system that is controlled by an external contact closure or an external TTL signal. This device is a Broadcast quality Audio and Video Relay switch. The unit is in the "A" channel position until a contact closure or TTL signal is applied to the control input, then it switches to the "B" channel position. If a power failure occurs the unit will automatically switch to the "A" channel position.

The unit can be used to engage a hot standby source or to put up a test pattern when main video fails. This system will maintain your video and stereo audio integrity and reduce trouble calls. It can also be used where unattended video switching must occur if used with a AVI473 "video loss indicator".

Also included are front panel LEDs which indicate the status of the video switch. When the Channel A "CH-A" LED is on the unit is switched to the "A" input both audio and video. When the Channel B "CH-B" LED is on the unit is switched to the "B" input with both audio and video.

Standard 75 Ohm "female" BNC connectors are used for the video inputs and output, the un-used video input is terminated when not connected to the output. A screw terminal connector is used for the balanced stereo audio inputs and outputs. The unit will switch Left and Right audio or Mono with the video switch.

The AVS473 is a slide-in circuit card that fits into an RMS-400 power supply and mainframe. The RMS-400 is a 19.00" Long X 5.25" High X 10.25" Deep and it will hold up to nine AVS473 circuit cards or any combination of "400" series products.

**AVS473
AUDIO VIDEO SWITCH**

VIDEO

SPECIFICATION

Standard	NTSC, PAL, CCTV
Level (Composite Video)	0.7 to 2 Vp-p (1.0 Vp-p STD.)
Input Impedance	75 Ohm (non-select input) Loop-through (select input)
Frequency Response	≥ 0.2 dB from DC to 40MHz
Cross-Talk (A/B Input)	≤ 75 dB
Signal to Noise Ratio	≤ 90 dB

AUDIO

Frequency Response	Flat from Dc to 50KHz
Cross-Talk (A/B)	≤ 80 dB
Cross-Talk (Left/Right)	≤ 80 dB
Signal to noise ratio	≤ 90 dB

RELAY CONTROL

Control Input	TTL or Contact
TTL Level	0.VDC = A, +5VDC = B
Contact Closure	High Impedance = A Low Impedance = B

MECHANICAL

Power requirement	RMS-400 Power Supply
Connectors (Video)	BNC (Female)
Connectors (Audio)	Screw Terminal