

The **SignVideo**

8x8 Component Video Routing Switcher

with stereo audio

Operations Manual

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This Class B digital apparatus complies with Canadian ICES-003.

Cet Appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the manufacturer, dealer or an experienced radio/TV technician for help.

Included Items: Routing Switcher, 1 AMP AC adapter, manual & warranty

Description: Eight in, eight out component video (rca) plus stereo audio electronic routing switcher

HOOK UP

Connect to Power .

Find the small plug on the end of the cable on the 1 Amp AC power adapter. Go to the back panel of the switcher and connect this plug to the small jack which is labeled 9 vac 1a. Plug the AC adapter itself into a 110V power receptacle. Press the power button on the front of the switcher. The power LED should light.

Connect Equipment

There are 8 sets of video and stereo audio inputs and outputs. Video is comprised of three components, and there are three connections for each video channel. The sets are all on the switcher back panel and are numbered 1 through 8. These correspond to the FROM and TO push buttons on the front panel which are likewise numbered 1 through 8. Generally, first connect items of video/audio equipment which will be both sending and receiving signals. Connect these to both the inputs and outputs of one numbered set. Next, connect video/audio equipment which will be only receiving or only sending signals. Connect these only to one of the output sets or one of the input sets, respectively. You may wish to number each piece of equipment to correspond to the numbered connections.

OPERATION

Select Mode (Switching Protocol)

One of 3 red LEDs will light to indicate switching mode

Press Button to Select Mode

A/V for video and audio to switch together (audio follow video)

V to switch video only

A to switch audio only

Route Signal

1 Select and press a numbered FROM button to select source

2 Select and press a numbered TO button to select destination

3 Directly above the TO number, the selected FROM number will display, indicating which source signal has been sent to that destination.

Loop Through

To send a signal to a destination and loop the signal through one or more pieces of equipment on the way, use a series of Source/destination selections.

EXAMPLE: You wish to send a signal from a video camera through a video processing amplifier and an image enhancer on its way to your non-linear editor. First select the Video Camera using the corresponding FROM button. Then select the Processing Amplifier using the TO button. NEXT select the same Processing Amplifier using the appropriate FROM button. Then select the Image Enhancer using the TO button. NEXT select the same Image Enhancer using the FROM button. Then select the Non-linear Editor using the TO button. The signal now has been routed from the video camera, through the Processing Amplifier, on through the Image Enhancer, to the Non-linear Editor.

Feed Multiple Outputs From A Single Source

To send the same signal to two or more destinations at the same time, complete a series of destination routings, using the same source (FROM button) each time, but different destinations (TO buttons) each time.

EXAMPLE: You wish to duplicate three VHS copies from a master on the hard drive in your non-linear editor. First select the Non-linear Editor using the corresponding FROM button. Then select the first VHS deck using the TO button. NEXT select the Non-linear Editor again using the FROM button. Then select the second VHS deck using the TO button. NEXT select the Non-linear Editor once more using the FROM button. Then select the third VHS deck using the TO button. The signal now has been distributed simultaneously to all three VHS decks, and you are ready to duplicate three tapes from your hard drive master.

If you need more than eight simultaneous outputs, or if too many outputs are tied up with other equipment, you can expand the number of simultaneous outputs by adding a SignVideo distribution amplifier. Connect the distribution amp to one of the routing switcher outputs and add up to sixteen outputs, depending on the model you choose.

Multiple Routings

All routing is independent, allowing you to perform more than one routing simultaneously. You can send one source to one destination, while sending a second source to another destination, while sending a third source through a distribution amplifier and on to three destinations at once, and so on, all at the same time, all going through the same routing switcher.

Configuration Recall

Once you have defined a routing configuration, you can memorize it and recall it later with the push of a button. You can store up to eight such configurations, making it easy to switch between various editing, duplication, viewing and other setups.

Once you have established a routing configuration you wish to store:

Press STORE.

THEN Select and press one of the eight FROM buttons.

The configuration will be stored under the number of the button you chose.

To recall the configuration:

Press RECALL.

Press the FROM button which has the number of your stored configuration.

To erase the configuration just enter a new configuration.

SPECIFICATIONS: Video Bandwidth: 40 Mhz, 3200 lines resolution, Video S/N better than: 68 db, Differential Gain: .06, Differential Phase: .15, Crosstalk worst case: 60 db, Frequency Response: 5Hz to 3 Mhz, Audio S/N: 100db, Power: 9 volts AC, 1 amp, Dimensions 9 1/4" x 4 1/4" x 7", Made in USA.

ONE YEAR LIMITED WARRANTY

Sign video Ltd. warrants this product (including accompanying accessories) and all parts thereof, except as set forth below, for a period of one year from the original date of purchase. Should the product be found to be defective, Sign Video Ltd. will repair or replace the product at no charge.

To obtain warranty service telephone one of the numbers below or log on www.signvideo.com to obtain the current telephone number for warranty repair.

The duration of any implied warranties is limited to the duration of the express warranty herein. This warranty does not cover cosmetic damage or damage due to acts of god, accident, misuse, abuse, alteration, negligence, improper installation, tampering, criminal acts, negligence, lack of reasonable care, or if serviced or repaired by anyone other than Sign video Ltd. or a repair facility authorized by Sign video Ltd.

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