

C2S

convertors



TRIBUTARIES®
"Bringing It All Together"

TRIBUTARIES® C2S CONVERTORS

Video sources, such as VCR, laser disc, and television broadcast, transmit video information as one signal known as the NTSC composite video envelope. Several types of information such as picture, sound, synchronization, and color are grouped together into this composite format. To improve the picture resolution (clarity) even further, S-video, or Y/C is introduced by separating the color information from the rest of the composite signal.

Prior to the development of the TRIBUTARIES® S-VIDEO CONVERTORS there was no inexpensive way to operate all the video signals in a home theater system in S-video. Usually, these video signals are a mixture of composite video and S-video. That is, VCRs are generally composite video output only, while some laser disc players have an S-video output. DVD and DSS receivers have both S-video output and composite video output. Most of today's A/V receivers, and control centers do not process the composite video inputs to the S-video outputs. This results in

extra switching requirements for the user and the necessity for multiple remote controls to switch between a composite video source and a S-video source. The TRIBUTARIES® S-VIDEO CONVERTORS solve the problem of multiple video formats. All video sources can now be connected to the audio/video control center, processor, TV or projector in S-video eliminating the need for multiple remote controls and multiple switching commands. To fulfill your needs TRIBUTARIES® manufactures two models of Convertors:

MODEL C2S PLUS

The TRIBUTARIES® C2S PLUS converts composite video to S-video by employing an active circuit and state-of-the-art comb filters for separating the Y (luminance) and C (chroma) information. After comb filtering, both signals are passed through special 6dB amplifiers providing maximum dynamic range and a stable 75 ohm load impedance. A convenient front panel control knob is provided to adjust for picture resolution. TRIBUTARIES® exclusive "TOP DOWN CONTROL CIRCUITRY" ensures high resolution, excellent signal-to-noise, and a remarkable black-to-white ratio. Dedicated, screwdriver adjustable front panel controls for both the luminance and the chroma channels provide precise calibration for consistent video performance. The C2S PLUS is encased in a platinum vinyl covered aluminum case that measures 2 1/2"W by 5 1/4"D by 1 1/2"H. The rear panel connector complement is one gold-plated RCA receptacle, one gold-plated S-video mini-din receptacle, and a mini-jack receptacle to accommodate the 16VAC power supply transformer input plug.

The suggested retail price of the TRIBUTARIES® C2S PLUS is \$300.

MODEL C2S

The TRIBUTARIES® C2S is a passive, unpowered, device that provides the user with the channel separation needed to produce a S-video output from a broad band composite source. By taking the composite video signal and passing it through a series of passive ceramic and inductive filters, the proper frequency separation between luminance and chroma is accomplished. VCRs and TVs tend to differ in output and sensitivity which could cause inconsistency in performance. The C2S input signals are routed through separate attenuators which provide separate adjustable controls for the Y (luminance) signal and C (chroma) signal.

The C2S housing is an aluminum cylinder measuring 2 5/8" long by 7/8" diameter. The attached 17" S-Video cable, Model SCVS, is quad shielded and silver-plated.

The suggested retail price of the TRIBUTARIES® C2S is \$99.95


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800.521.1596 or 407.855.0497
www.tributariescable.com