

Colorado Video

"Unique Video Instrumentation"

video multiplexer 496-2C & video demultiplexer 497-2C

general description

Colorado Video's Multiplexer and Demultiplexer pair doubles transmission or recording capacity by combining two NTSC or PAL video signals into one video signal.

The multiplexer synchronizes the signals at its two video inputs and "squeezes" them horizontally so that they appear side-by-side in the output video signal. The input signals do not need to be genlocked but analog tape sources should be time base corrected. The single multiplexed output can be recorded or transmitted by conventional means.

On the playback or receive end, the Video Demultiplexer Input takes the signal created by the multiplexer and separates it into two conventional video outputs. An analog tape playback of a multiplexed signal should be time base corrected.

Options include PAL video (NTSC is standard), s-video (composite is standard), and rack mount.

specifications

Model	496-2C	497-2C
Power Connector:	IEC (Cord included)	IEC (Cord included)
Size:	8"W x 11"D x 1.75"H	8"W x 11"D x 1.75"H
Mounting:	Free standing desktop, rack mount optional	Free standing desktop, rack mount optional
Power:	100-240VAC	100-240VAC
Chassis:	Painted Aluminum	Painted Aluminum
Video Input/Output:	1Vp-p, composite, RS-170, NTSC	1Vp-p, composite, RS-170, NTSC
Options:	Rack Mount, S-Video	Rack Mount, S-Video
Resolution:	NTSC: 360H x 480V, 30FPS for each input PAL: 360H x 580V, 25FPS for each input	NTSC: 360H x 480V, 30FPS for each output PAL: 360H x 580V, 25FPS for each output
Controls:	Power (Illuminated switch)	Power (Illuminated switch)
I/O Connectors	Video: Composite Video: BNC S-Video Option: 4-pin mini-DIN	Video: Composite Video: BNC S-Video Option: 4-pin mini-DIN