

Colorado Video

"Unique Video Instrumentation"

2- channel video synchronizer series 641 general description

The Model 641 2-Channel Video Synchronizer accepts video input from two, independent, unsynchronized, video sources and provides them as two separate synchronized output signals. The output frequency of both channels is derived from Input "A" horizontal and vertical timing and includes a properly SC/H-phased chroma signal.

features

All Units

- Synchronize two Independent Video Signals
- Two Inputs and Two Outputs
- S-Video Optional
- NTSC Standard, PAL Optional

Model 641CS

- Desktop Style ABS Plastic Chassis
- 5 VDC Regulated Power Input (120 VAC Adapter Included in North America)

Model 641C

- Aluminum Case, Optionally Rack-Mountable
- 100 to 240 VAC 50/60Hz Power Input

These units can be used with either two monochrome, two color video sources, or with some restrictions, one of each. Input "A" sync frequencies must be NTSC and RS-170 or PAL and CCIR compliant.

specifications

Model	641CS	641C
Inputs:	NTSC (PAL Optional)	NTSC (PAL Optional)
Power Connector:	5.5mm x 2.5mm Coaxial Power Jack	IEC (Cord included)
Size:	6.9"W x 4.9"D x 2.4"H sloping to 1.4"H	8"W x 11"D x 1.75"H
Mounting:	Free standing desktop	Free standing desktop, rack mount optional
Power:	5VDC (AC Adapter Included in NA)	100-240 VAC 50/60 Hz
Chassis:	Black ABS Plastic	Painted Aluminum
Video Input/Output:	1Vp-p, composite, NTSC (PAL Optional)	1Vp-p, composite, NTSC (PAL Optional)
Options:	PAL Video	PAL Video, Rack Mount
Resolution:	720 x 480, 30FPS (720 x 580, 25FPS PAL)	720 x 480, 30FPS (720 x 580, 25FPS PAL)
Controls:	None	Power
Indicators:	None	Power
I/O Connectors	BNC Female	BNC Female

Subject to change without notice. 20 JAN 07