

CVC 200

Component Video and HDTV to RGB Converter



FEATURES

- Converts HDTV analog component video to RGBS or RGBHV
- **Input:** Female BNCs for RGsB, analog component video Y,R-Y,B-Y, and progressive component video Y,Pb,Pr
- **Output:** Female BNCs for RGBHV, RGBS, or RGsB
- Converts Betacam and DVD component video to RGBHV and RGBS
- User-selectable input color space format
- Rack-mountable 1U, half rack width metal enclosure
- Internal international power supply

DESCRIPTION

The Extron **CVC 200** is a universal, high resolution component video to RGBS or RGB converter. The CVC 200 converts HDTV component formats — 720p, 1080i, and 1080p — as well as SMPTE 240 to RGBS or RGBHV. The CVC 200 also converts Betacam and DVD component video — interlaced or progressive — to RGBS or RGBHV. The CVC 200 enables the display of HDTV and component video images on RGB monitors and projectors. Other applications include converting video from DVD sources to analog RGB signals for displaying DVD images on RGB projection systems.

SPECIFICATIONS

VIDEO

Gain Unity
 Bandwidth 55 MHz (-3 dB)

VIDEO INPUT

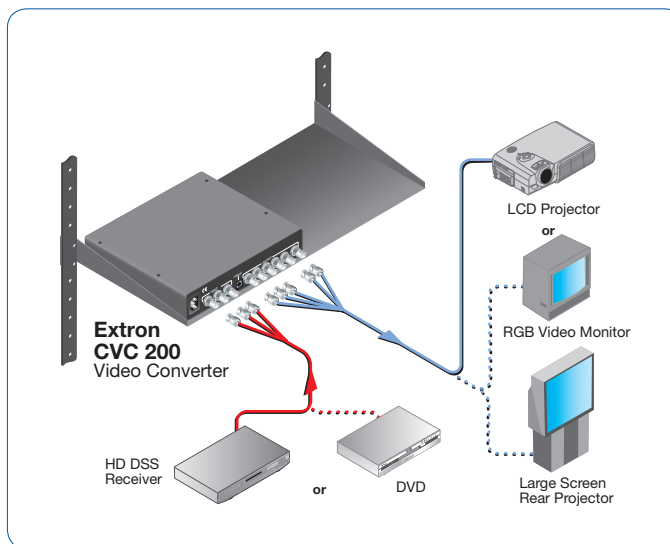
Number / Signal type 1 component video [HDTV, W-VHS (Y, Pr, Pb), SMPTE (Y, R-Y, B-Y), and Betacam® (Y, R-Y, B-Y)] or RGsB
 Connectors 3 BNC female
 Nominal level 1V p-p for Y of component video
 0.3V p-p for R-Y and B-Y of component video
 0.7V p-p for P_B P_R
 Minimum / Maximum levels Y: 0.5 V to 1.5 Vp-p with no offset at unity gain
 P_B P_R: 0.4 V to 1.0 Vp-p with no offset at unity gain
 Impedance 75 ohms
 Horizontal frequency 15.75 kHz to 100 kHz according to selected mode
 Vertical frequency 60 Hz
 Return loss <-25 dB @ 5 MHz
 DC offset (max. allowable) ±2 V (maximum)

VIDEO OUTPUT

Number / Signal type 1 RGBHV, RGBS
 Connectors 6 BNC female
 Nominal level 0.7 Vp-p for RGB
 Minimum / Maximum levels RGB: 0.4 V to 1.0 Vp-p
 Impedance 75 ohms
 Return loss <-30 dB @ 5 MHz
 DC offset 0.1 V with input at 0 offset

GENERAL

Power 100 VAC to 240 VAC, 50/60 Hz, 12 watts, internal, autoswitchable
 Temperature / Humidity Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, noncondensing
 Operating +32° to +122°F (0° to +50°C) / 10% to 90%, noncondensing
 Rack mount Yes, with optional rack shelf, part #60-190-01 or #60-604-01
 Enclosure type Metal
 Enclosure dimensions 1.6" H x 8.75" W x 9.4" D (1U high, half rack wide)
 4.1 cm H x 22.2 cm W x 23.9 cm D
 (Depth excludes connectors.)
 Product / Shipping weight 2.8 lbs (1.3 kg) / 5 lbs (3 kg)



MODEL	VERSION DESCRIPTION	PART #	
CVC 200	Component to RGB Converter	60-284-01	
OPTIONAL ACCESSORIES	MODEL DESCRIPTION	PAGE	PART #
RSU 129	1U 9.5" Deep Universal Rack Shelf Kit	page 747	60-190-01
RSB 129	1U 9.5" Deep Basic Rack Shelf	page 748	60-604-01