

The C2YC

Composite to
Y/C Converter

Manual Version 3.01



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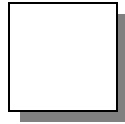
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Composite to Y/C Converter

Introduction

Congratulations on your purchase of the C2YC converter from Burst Electronics. The C2YC converter accepts Composite video and splits the signal into the Luminance “Y” and the Chroma “C” components.

Operation

Input Composite video to the “Video Input” BNC connector on the rear panel. The separated “Y” and “C” video signals are obtained from the “Y/C Output” connector on the rear panel. The “Y” and “C” output is 75 Ohms.

Adjusting Y/C Amplitude

The “Y” and “C” component amplitudes can be individually adjusted using the “Y” and “C” Gain pots located on the front panel. It is recommended to use a Waveform Monitor and Vectorscope, measuring the output levels, during this procedure. The levels are factory preset to unity gain.

Video Loop-Out

If a 75 Ohm load is connected to the “Loop Output”, then jumper W2 must be removed from inside the case of the C2YC, or the resulting video signal will be double terminated.

Specifications

Input/Output:	1 Volt Standard Video
Input Connector:	Composite Video, BNC
Input Impedance:	HiZ or 75 Ohms 1%
Bandwidth:	10MHz @ 0.5 dB
Output Impedance:	75 Ohms 1%
Output Connector:	4 pin MiniDIN
Output Protection:	Open or Short, infinite duration
S/N:	60 dB
Size:	4.1W x 1.5H x 5.5D inches
DC Powered:	11-14 Vdc
Wall Module:	120VAC 60Hz, 12Vdc
(included)	500mA, UL Listed
Warranty:	One Year Parts and Labor
