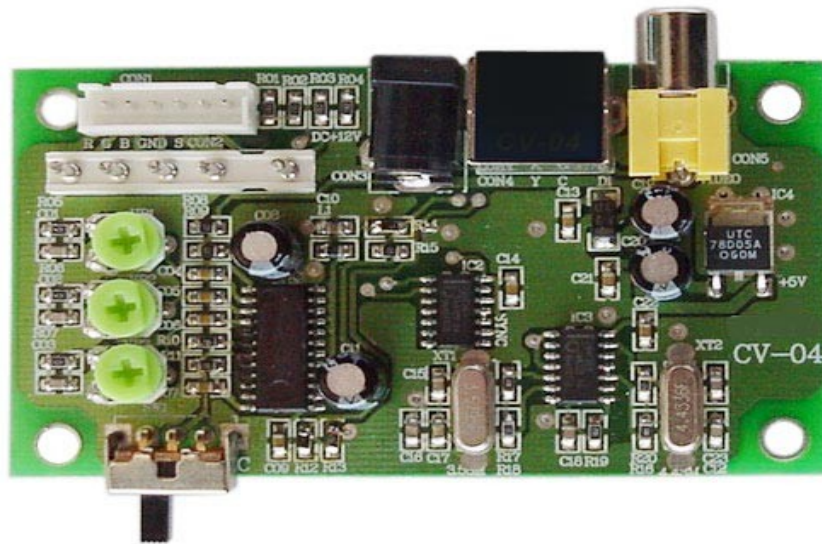


# RGB to Video Converter ID- 000068



## Operation Manual

Please browse our online catalogue to view our full product range.  
44-48 Maitland Road, Mayfield East, NSW, 2304 Australia, [sales@converters.tv](mailto:sales@converters.tv)  
Phone +61 249689313 Fax +61 249689314  
[www.converters.tv](http://www.converters.tv)

## **Introduction**

With this pure hardware design, the unit converts RGB signal into PAL or NTSC. No software is required and features adjustable RGB colours.

## **Precautions**

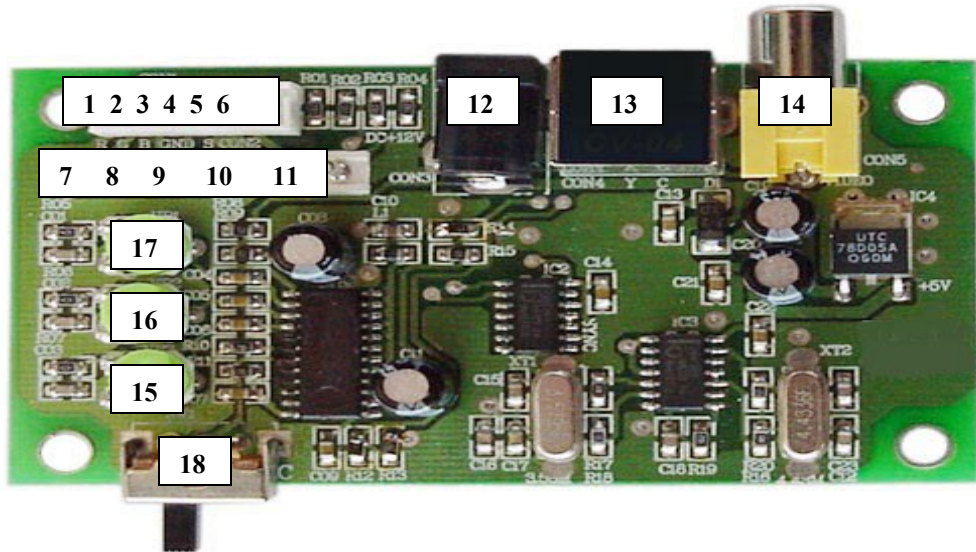
1. Do not expose this product to direct sunlight.
2. Keep the unit away from radiator, heat sources and magnetic field.
3. Do not place it in very dusty or humid locations.
4. Use this unit in a horizontal position only.
5. Do not put heavy objects on top of the converter.
6. Put the unit in an open space that has good ventilation.
7. If the unit is acting abnormally keep the unit away from TV or other electronic equipment.
8. Unplug the unit from the power supply when it is not to be used for a long period of time.

## **Features**

- The unit is pure hardware design, plug and play.
- It supports RGB signal converting to video signal and S-Video signal.
- Switchable PAL/NTSC video system.
- Adjustable 3 colour (RGB) brightness.

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## Diagram and Key



1	6 Pin male RGB connector- red
2	6 Pin male RGB connector- green
3	6 Pin male RGB connector- blue
4	6 Pin male RGB connector- ground
5	6 pin male RGB connector- horizontal sync
6	6 Pin male RGB connector- vertical sync
7	5 Pin male RGB connector- red
8	5 pin male RGB connector- green
9	5 Pin male RGB connector- blue
10	5 Pin male RGB connector- ground
11	5 Pin male RGB connector- sync
12	DC Input + 8 ~ 15 V
13	S-Video Output
14	Composite Video Output
15	RGB gain adjust- red
16	RGB gain adjust- green
17	RGB gain adjust- blue
18	PAL/NTSC switch

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## Specifications

<b>Power</b>	DC + 8~15V Consumption- 1.5W maximum
<b>Input</b>	<b>RGB- Video-</b> analog RGB 3.0VP-P Max 75 ohms.  <b>RGB Sync-</b> Negative composite, Separate TTL 5.0VPP.
<b>Output</b>	<b>Composite Video-</b> Video- 1.0VP-P +/- 0.2VPP ohms. Sync- Negative/Positive Sync.  <b>S-Video-</b> Y- 0.7VPP +/- 0.2VP-P 750 ohms. C- 0.3VPP +/- 0.1VP-P.
<b>Video connector</b>	<b>INPUT-</b> RGB- 5 Pin male (R, G, B, GD, S). RGB- 6 Pin male (R, G, B, GND, H, V).  <b>OUTPUT-</b> Video- RCA Jack. S-Video- 4 Pin Mini-Din Connector.
<b>User Controls</b>	VR (R, G, B, gain adjust), NTSC/PAL SW.
<b>Environmental Limits</b>	Operating Temp- 0~50 Degrees Celsius Storage Temp- -20~70 Degrees Celsius
<b>Overall Dimensions</b>	17.5 (H) x 86 (W) x 59 (D) mm

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