Multisystem Colour Corrector

(CCR-8)

Operation Manual

Introduction

This unit is used for adjusting video quality when viewing or copying videotapes or discs.

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

- Suitable for worldwide video systems: NTSC 3.58, NTSC4.43, PAL, PAL N, PAL M or SECAM input auto detection.
- Selectable output system between NTSC and PAL.
- Digital decoding and comb filter eliminate color noise and ensure best picture quality.
- On-Screen display menu control.
- R, G, B adjustment for achieving a correct balance.
- Restore sync and colour burst for rock solid copies.
- Adjustable controls on Brightness, Contrast, Color, Sharpness and Tint.
- Direct input source select.

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44-48 Maitland Road, Mayfield East, NSW, 2304 Australia, sales@converters.tv
Phone +61 249689313   Fax +61 249689314
www.converters.tv

Operation control and functions

Front Panel

1. **Power-** This is the button used to turn on or off the colour corrector.
2. **Input Selection- 1, 2, 3, 4-** These buttons are used to select the video input, either Composite Video input or S-Video input.
3. **Menu/Exit button-** This button allows you to return to the main menu and to exit a certain function that was selected.
4. **"-And +" buttons-** The + button is used to increase the value of a specific colour, while the – button is used to decrease the value of a specific colour.
5. **▲ And▼ buttons-** These buttons are used to scroll up and down through the menu.
6. **Red button-** This control adjusts the balance of the red colour in the picture.
7. **Green button-** This control adjusts the balance of the green colour in the picture.
8. **Blue button-** This control adjusts the balance of the blue colour in the picture.

* Note- An easy way of adjusting the balance of R, G, B element in the picture is to fix one colour element first and then adjust the other two until an overall balance between the three colours is reached in which the white part of a picture should look as pure snow white and show no tendency to any single colour.

Rear Panel

1. Video Output-

- **Composite Output-** Composite video RCA Jack is used for composite video output. Connect the video output port to your output device.
- **S-Video Output-** S-Video 4 Pin mini DIN connector is used for S-Video output. Connect the video output port to you output device

2. Video Input-

- **Composite Input-** Composite video RCA Jack is used for composite video input. Connect the video input port to your input device
- **S-Video Input-** S-Video 4 Pin mini DIN connector is used for S-Video input. Connect the video input port to your input device.

3. Power- DC 7.5 V 500mA Center positive- This is the power supply input port. It is to be used with the power pack supplied. Power plug is available for most countries.

Connection and Installation

The AC adaptor power unit should not be plugged into a wall outlet until all connections are complete.

- Using your connector cable connect the output (Number 1 on Rear panel) to your output device. The output either being Composite or S-Video.
- Using your connector cable connect your input (Number 2 on Rear panel) to the input device. Input either being Composite or S-Video.

Once all connections are complete please connect the power supply provided to the power socket (number 3 on rear panel).

Specifications

Input	2 x composite video RCA Jack 75 ohm 1 Vp-p. 2 x S-Video 4-Pin mini DIN. Y: 1Vp-p 75 ohm. C: 0.286 Vp-p burst signal 75 ohm.
Output	2 x composite video RCA Jack 75 ohm 1 Vp-p. 2 x S-Video 4-Pin mini DIN. Y: 1Vp-p 75 ohm. C: 0.286 Vp-p burst signal 75 ohm.
Resolution	550 lines of resolution
Adjustment range	Tint- +/- 30 degrees Colour- +/- 6db/-12db Sharpness- +/-3db Brightness- +/-12% Contrast- +/-2db Video S/N ratio-55db Blue/Green/Red-+3db/-10db
Dimension	292(W) x 177 (D) x 49 (H) mm
Weight	1.5 Kg
Power	DC 7.5V 500mA Center positive

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