

Analog NTSC to PAL (PAL to NTSC) Multi-System Video Converter

(CAM-700)



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
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Introduction

This unit converts NTSC to PAL and PAL to NTSC. It is a multi-purpose converter for system conversion and copy-guard elimination. It is suitable for use with all brands of VCR's, Camcorders, Laser disc players, satellite receivers and conventional and large screen televisions. Please note that video systems have 3 characteristics including colour frequency, horizontal scanning frequency and vertical scanning frequency. Analog converters only convert colour frequency and the results may vary from a squashed picture to un-recordable images on VCR.

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

1. The unit allows for automatic input detection.
2. Automatically restores burst level, H/V sync. Level and corrects colour errors.
3. Digital Comb filter and S-VHS input/output ensures best conversion quality.
4. Copy-guard elimination.

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Operation Controls and Functions

Front Panel



1. **SECAM indicator-** This indicator will illuminate when SECAM has been selected as the signal type.
2. **PAL indicator-** This indicator will illuminate when PAL has been selected as the signal type.
3. **PAL M indicator-** This indicator will illuminate when PAL M has been selected as the signal type.
4. **PAL N indicator-** This indicator will illuminate when PAL N has been selected as the signal type.
5. **NTSC 4.43 indicator-** This indicator will illuminate when NTSC 4.43 has been selected as the signal type.
6. **NTSC 3.58 indicator-** This indicator will illuminate when NTSC 3.58 has been selected as the signal type.
7. **S-In indicator-** This indicator will light up when S-Video has been selected as the input.
8. **V-In indicator-** This indicator will light up when Composite Video has been selected as the input.

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Rear Panel



Output:

1. **Output - PAL/NTSC-** this is the output selection switch. You can either choose to switch to PAL or NTSC.
2. **V-OUT-**This is the Video Output Port. A connector cable is used to connect the converter to your device.
3. **S-OUT-** This is the S-Video Output Port. This is the output for a 5 Pin S-Video Cable. A connector cable is used to connect the converter to your device.

Input:

1. **Input- V/S-** This is the input selection switch. You can either switch to Video or S-Video.
2. **V-IN-** This is the Video Input port. Connect this to your device using the appropriate connector cable.
3. **S-IN-** This is the S-Video Input port. This is the input for a 5 Pin S-Video cable. Connect this to your device using a connector cable.
4. **Power- DC 7.5 V-** This is the power supply input port. It is to be used with the power pack supplied, this power pack will accept most country voltages, please however make sure you use the right adapter plug to suit your wall socket.

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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 2/3 on the rear panel) to your output device. Output either being Video or S-Video.
- Using your connector cable connect your input (Number 2/3 on Rear panel) to the input device. Input either being Video or S-Video.

There are two different inputs, choose the best input for your input device. With your input device connected, press the input button to cycle through the inputs until you find the correct picture.

Once all connections are complete please connect the power supply provided to the power socket (number 4 on rear panel).

Specifications

Input TV Systems	Conversion from input signals NTSC, N4, PAL, PAL M, PAL N, SECAM
Output TV Systems	NTSC, PAL
S-Video Inputs	1 x S-Video: Y/C In; 4 Pin Din connector.
Composite Inputs	1 x Composite Video: 1 Vp-p 75 ohm RCA Jack.
S-Video Outputs	1 x S-Video: Y/C In; 4 Pin Din connector.
Composite Outputs	1 x Composite Video: 1 Vp-p 75 ohm RCA Jack.
Power	DC 7.5 Volt 500mA
Accessories	290W) X 145 (D) X 50 (H) mm
Weight	1 kg

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