

Analog NTSC to PAL Converter (CN-100P)



Operation Manual

Introduction

This unit converts NTSC to PAL and it contains a bypass switch for when conversion isn't required. It is suitable for TV's that have vertical hold adjustment. Please note that video systems have 3 characteristics (colour frequency, horizontal scanning frequency and vertical scanning frequency). Analog converters only convert colour frequency, which may vary from a rolling 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. It converts NTSC colour frequency to PAL colour frequency.
2. Converter includes manual, power supply and AV cable.

Operation Controls and Functions

The video system converter connected between a VCR, satellite receiver, camcorder and your colour TV will enable you to view another video system on the local TV system.

Front Panel



1. **Bypass-** If you do not wish to convert NTSC to PAL and simply want NTSC to NTSC then switch the button to Bypass.
2. **Convert-** If you wish to convert NTSC to PAL, switch the button to convert.
3. **Output-Video-** This is the Video output port. A composite RCA connector cable is used to connect the converter to your Video device.
4. **Output-Audio-** This is the Audio output port. A phone jack 3.5-connector cable is used to connect the converter to your Audio device.

Rear Panel



1. **Power- DC 7.5V-** This is the power supply input port. It is to be used with the power pack supplied. The power supply is available in 110 V or 220 V.
2. **Input- Video-** This is the Video input port. Connect this port to your Video device using a composite RCA connector cable.
3. **Input- Audio-** This is the Audio input port. Connect this port to your Audio device using a phone jack 3.5-connector cable.

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 3/4 on Front panel) to your device. Output either being Video or Audio.
- Using your connector cable connect your input (Number 2/3 on Rear panel) to the device. Input either being Video or Audio.

Either switch to the **BYPASS** and select input to output directly or switch to **CONVERT** and select NTSC to PAL.

Once all connections are complete please connect the power supply provided to the power socket (number 1 on rear panel).

Specifications

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| Power requirements | DC 7.5V 500mA Center negative |
| Video Input | 1 Vp-p 75ohm phone jack |
| Video Output | 1 Vp-p 75ohm phone jack |
| Audio Input/Output | Phone jacks thru unit |
| Operating temperatures | 5 degrees to 40 degrees |
| Weight | Approx. 240 Grams |