

PAL and NTSC to PAL and NTSC Converter (Multisystem)

KDV 1000



Operation Manual

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Introduction

This unit is used for quality video conversion and duplication, and converts signals from NTSC, PAL or SECAM to NTSC, PAL or SECAM. It can be used to convert PAL tapes to NTSC and NTSC tapes to PAL. The S-Video function also allows conversion of high quality video signals from DVD or mini-DV Camcorders. It can convert TV signals from a local tuner such as a cable box, VCR or satellite receiver, which allows for PAL TV to be used in a NTSC country, or an NTSC TV to be used in a PAL/SECAM country.

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

- Field memory speed 40MHz.
- Crisp and clear converted video signals.
- Composite in/out and S-Video in /out.
- Input signals of NTSC 3.58 / NTSC 4.43, PAL, PAL M/N or SECAM can be converted to either NTSC 3.58 / NTSC 4.43, PAL, PAL M/N or SECAM.
- Input signal can be set manually or automatically.
- Built-in automatic gain control ensures 1 Vp-p output signal to optimise video quality.
- Built-in Time Base Correction function for signal synchronisation.
- Variable auto switching power supply gives undisturbed power to the converter as long as input voltage is between 85-265 Volts 50-60 hertz.
- Soft button can be used to haze sharp pixilation on screen display.
- Power Supply: DC 5V 1.2A Center positive.
- Power Consumption: 4W.

Operation controls and functions

Top View



1. **Input switch-** This button is used to switch the input signal. You may choose one of the following input signals- S-Video input, NTSC, PAL, PAL M/N, SECAM or Auto.
2. **Soft switch-** this button is used to haze sharp pixelation on screen display.
3. **Output switch-** this button is used to switch the output signal. You may choose one of the following output signals- NTSC, PAL M/N or SECAM.

Rear Panel



Input:

1. **Video-In-** This is the video input port. A composite RCA video connector should be used when connecting the Video-In port to your input device.
2. **S-Video-In-** This is the S-Video input port. An S-Video 4-pin mini Din connector should be used when connecting the S-Video-In port to your input device.

Output:

3. **Video-Out-** This is the video output port. A composite RCA video connector should be used when connecting the Video-Out port to your output device.
4. **S-Video-Out-** This is the S-Video output port. An S-Video 4-pin mini Din connector should be used when connecting the S-Video-Out port to your output device.
5. **Power- DC 5V-** This is the AC adaptor port. It is to be used with the power pack supplied.

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 port (Number 3/4 on the rear panel) to the output device. The output either being Video or S-Video.
- Using your connector cable connect the input port (Number 1/2 on the rear panel) to the input device. The input either being Video or S-Video.

Once all connections are complete please connect the power supply provided to the power socket.

Specifications

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|-----------------------|----------------------------------|
| Video Input | Composite video RCA connector |
| S-Video Input | S-Video 4-pin mini Din connector |
| Power | DC 5V 1.2A Center Positive |
| Video Output | Composite video RCA connector |
| S-Video Output | S-Video 4-pin mini Din connector |