

Video System Converter

Operation Manual



CDM-150M

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Preface

This user manual teaches you about the Video System Converter box and how to make full use of its features. Information contained in this manual has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice.

Safety information

Do not disassemble the Video System Converter box. Touching the product's internal parts could result in injury. In the event of a malfunction or if the Video System Converter box is accidentally broken open, take the product to an authorized service center for inspection.

1. Introduction

This Video system converter is designed to convert NTSC/PAL/SCAM input source to NTSC/PAL display. It support output formats switch for NTSC or PAL. The user can easily to install and use in NTSC/PAL display.

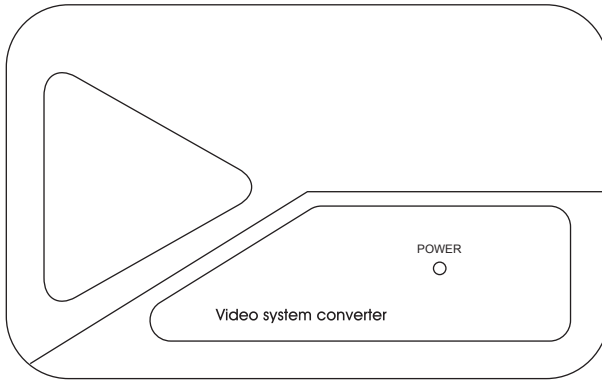
2. Main Features

- Supports digital conversion from NTSC/PAL/SCAM to NTSC/PAL.
- To convert between 525 lines and 625 lines.
- To convert refresh frequency between 60Hz and 50Hz.
- Built in Color bar.
- Output with Macovision signal when input Macrovision signal is detected.
- System with 8 Mb field memory.

3. Hardware Description

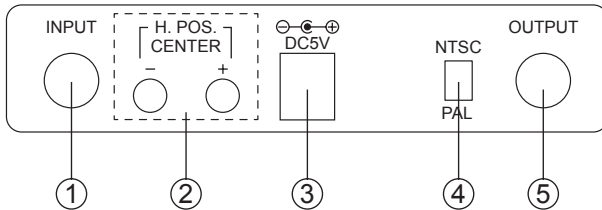
The following sections describe the hardware components of this converter box.

3.1. Front Panel



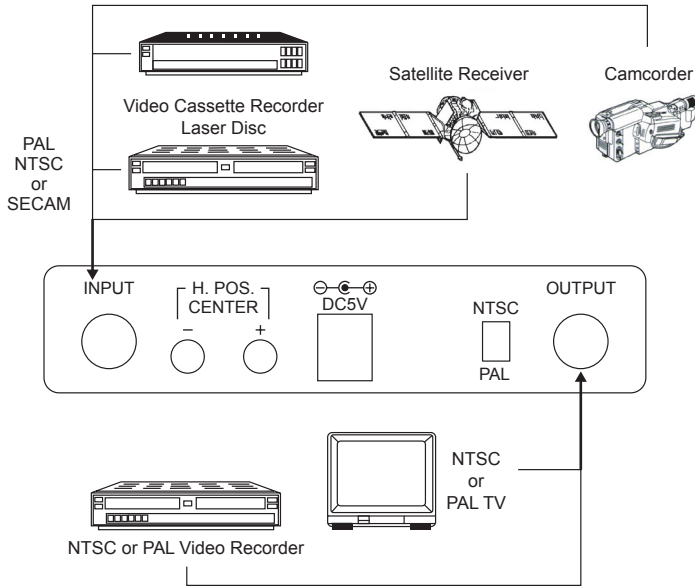
The indicator will be red when the unit is ON. When Macrovision signal has been detected the indicator will glittering.

3.2. Rear Panel



1. Video input: Connected video source
2. H. POS. Center: To adjust the display to right/left.
3. DC 5V/1A: Power input.
4. NTSC/PAL: Select the output signal.
N,P stand for output signals of PAL and NTSC 3.58 respectively.
5. Video output: Connected to video output display.

4. Connections and Installation



5. Appendix

5.1. Specifications

Input System	NTSC, PAL, SECAM
Output System	NTSC 3.58, PAL
Input Port	Video
Output Port	Video
Sampling Frequency	Y: 13.5MHz R-Y: 6.75MHz B-Y: 6.75MHz
Digital Code bit	R: 8 bits G: 8 bits B: 8 bits
Line	525/625
Field	60/50
Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	146(W) x 95(D) x 33(H)
Weight(g)	144
Chassis Material	Plastic
Silk Skin Color	Milk White
Operating Temperature	Operating from 0°C ~ 70°C



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