

The Clarifier DVS Pro

User Manual

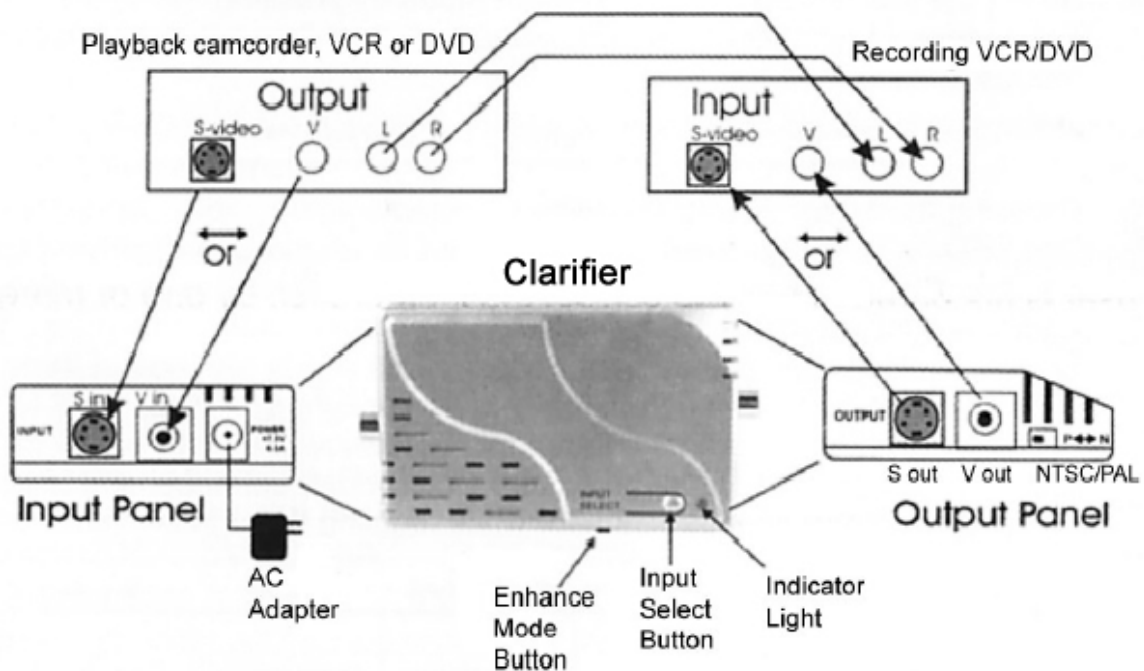
Package Content

This package includes: (1) Clarifier model DVS Pro, (1) RCA style Video Cable, (1) 7.5V, 500 mA AC adapter and this Instruction Manual.

Connection

The Clarifier should be connected between your playback VCR, DVD or camcorder and the recording VCR or DVD as shown below.

Note: Regardless of which input is used, both outputs continuously deliver an output signal. The unit will automatically detect whether the video input is in NTSC (USA) or PAL (Europe) format. The output format is determined by the setting of the PAL/NTSC output switch. (See diagram below)



Only the video cables are to be connected to the Clarifier. Audio cables should be connected directly between the playback and recording units. With Hi-8 or S-VHS capability, connect your S-Video cables to the Clarifier!

Operation

1. Connect the Clarifier unit as shown on page 1.
2. Select the PAL/NTSC output format by setting the PAL/NTSC output switch to the desired setting. **Note:** The unit will automatically detect whether the input is PAL or NTSC, however you must select the desired output format. **For use on U.S. televisions, VCRs and DVDs, set the output format switch to NTSC.**
3. Select the appropriate input by pressing the Input select switch: Green indicator light signifies Composite signal. Orange indicator light signifies S-Video input signal.
4. Select the desired video enhancement mode by pressing the Video Enhancement button. The button cycles between four enhancement modes as follows:

| -> Normal -> Enhanced -> Darken -> B&W -> |

Pressing the button four times begins the cycle again.

5. The LED indicator light shows which input format and Enhancement mode are selected. For example, a steady green light means you have selected a composite input signal and will output in Normal video mode. An orange blinking light indicates an S-Video input signal with one of three enhancement modes. Use the steady indicator light as a fixed point to determine the desired enhancement mode. Review the chart below to determine the correct setting. If unsure which video enhancement mode is selected, look at your video monitor while logging through the options.

Input	LED	Normal	Enhancement	Darken	B&W
Composite	Green	Green Steady	Green Blinking	Green Blinking	Green Blinking
S-Video	Orange	Orange Steady	Orange Blinking	Orange Blinking	Orange Blinking

6. Select A/V input on your recording VCR or DVD and press Record.
7. Then press PLAY on your playback device.

Important Notes

VHS and DVD media are produced in more than one video format. In the United States, the NTSC format is used. In Europe, the PAL format is used. The Clarifier automatically detects the input format, however you must select the output format.

PAL & NTSC: The Clarifier must be configured to process NTSC or PAL video formats. To output in NTSC (for American TV), slide the switch located on the OUTPUT panel to the right. To output in PAL (for European TV), slide the switch located on the OUTPUT panel to the left.

Code-Free Multi-Region: This unit has been modified by us to be multi-region friendly and avoid any possible regional encoding issues. It will remain transparent to the Code-Free

Multi-Region features of DVD players or recorders and is guaranteed not to interfere with these features.

Specifications

INPUT

Formats – NTSC3.58 / NTSC4.43 / PAL / PAL M / PAL N / SECAM auto detection.

Connectors – Composite Video (RCA jack) x 1
S-Video (mini DIN) x 1

Note: input selection switch toggles between composite and s-video input source.

OUTPUT

Format – NTSC3.58 / PAL4.43

Connectors – Composite Video (RCA jack) x 1
S-Video (mini DIN) x 1

POWER DC 7.5V, 500mA

Troubleshooting

Possible Solution

Device does not operate	<ul style="list-style-type: none"> • Press input select switch to toggle between composite and S-Video inputs • Has correct mode (AV, Line, Tuner, etc.) been set on the VCR or the DVD ? • Correct connecting cable ? • Have the RCA cables been mixed up at the input and output of the VCR / DVD ?
No Picture	<ul style="list-style-type: none"> • Is the Power light on ? If not, there is no power. • Is the connecting cable of the plug-in adapter damaged ?
Picture Rolling	<ul style="list-style-type: none"> • TV does not support 50/60Hz scan rates (Multi-System)

Though sensitive to PAL and NTSC formats, the Eliminator is not a VIDEO CONVERTER and will not perform the following functions:

1. Allow you to play a PAL DVD or video tape on NTSC player that does not support multi-system (and visa versa) !
2. Allow you to play a PAL DVD or video tape on an NTSC TV that does not support multi-system !
3. Allow you to copy an NTSC DVD or video tapes to an NTSC DVD recorder or VCR in the PAL format to send overseas, unless the recorder supports both formats.