COMPOSITE/S-VIDEO TO VGA

VIDEO SCAN CONVERTER

82-10770

DEFENDER™ SECURITY

82-10770

USER'S MANUAL

Contents

I. Parts List

Please check to be sure you received all the components included in your new Composite/S-Video to VGA Convertor package:

1.) Convertor Switch

2.) AC Power Adapter (5V Output)

3.) 4ft Male-to-Male VGA cable

II. Features

1.) Video signal conversion: convert Composite Video and S-Video signal to high resolution DF (frequency doubling) VGA signal

2.) Input signal compatibility: Composite (BNC), S-VIDEO, VGA, and PAL/NTSC signal auto-detect.

3.) Output resolution: 800×600@60HZ, 800×600@75HZ, 1024×768@60HZ

4.) Picture freeze-frame

5.) Brightness, contrast, saturation, and hue adjustment

6.) Auto save function restores settings in case of accidental power failure

7.) On-screen menu function/prompts for all operations

III. Installation

1.) Plug one end of the 5V AC Adapter into the wall outlet, and the other end (barrel plug end) into the power receptacle on the back of the Convertor Switch.

2.) Attach one end of the Male-to-Male VGA cable to the Video Out female VGA connector on the Convertor Switch, and plug the other end into your CRT or LDC monitor.

3.) Attach your video signal device (security camera, computer video card, DVD, etc.) to the correct female Video Input (BNC, VGA, or S-Video) on the Convertor Switch.

4.) Turn your monitor on, and use the Input button on the Convertor Switch to select the desired video input device (ensure each video device is properly powered on before searching for the input signal).

IV. Operation

Input Button - Facilitates toggling between video signal input (Composite, S-Video or VGA)

Menu Button - Facilitates toggling between brightness, contrast, saturation, and hue

> 1.) When BRI appears on screen, press "Freeze/+" to increase picture brightness; press "Resolution/-" to decrease picture brightness
> 2.) When CON appears on screen, press "Freeze/+" to increase picture contrast; press "Resolution/-" to decrease picture contrast
> 3.) When COL appears on screen, press "Freeze/+" to increase picture saturation; press "Resolution/-" to decrease picture saturation
> 4.) When HUE appears on screen, press "Freeze/+" to increase picture hue; press "Resolution/-" to decrease picture hue

Freeze/+ - When menu is off, press Freeze/+ to freeze the image; press again to restore picture

Resolution/- - When menu is off, press Resolution/+ to select resolution: 800×600@60HZ, 800×600@75HZ , 1024×768@60HZ

Input + Resolution/- **Press the Input and Resolution/- at same time to restore the video converter to default settings**

V. Default Settings

Note: Press the Input and Resolution/- at same time to restore the video converter to default settings

Signal input channel : Composite (BNC)

Output resolution············: 800×600 @60HZ

Brightness······················: 32

Contrast··························: 36

Color ····························: 36

Hue······························: 0

VI. Specifications

1. Rated for 5V/1A DC power.

2. Input video signal:
   Supports Composite (BNC), S-Video and VGA; NTSC/PAL auto-detect.
   Signal peak value: $1.5V_{pp}$
   Impedance: 75Ω

3. RGB signal peak value: $0.6V_{PP}$
   Impedance: 75Ω
   Field synchronizing signal peak value: $3V_{PP}$
   Impedance: 75Ω
   Line synchronizing signal peak value: $5V_{PP}$
   Impedance: 75Ω

4. Single button operation: Press button down and hold for at least 5 seconds before release.
   Combination button operation: press down and hold Button 1, and then press Button 2;
   hold both buttons for at least 5 seconds before release.