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FCC AND DOC/MDC STATEMENTS

FEDERAL COMMUNICATIONS COMMISSION and CANADIAN DEPARTMENT OF COMMUNICATIONS

RADIO FREQUENCY INTERFERENCE STATEMENT

Class B Digital Device. This equipment has been tested and found to comply with the limits for a Class B computing device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. This equipment generates, uses, and can radiate frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. If this equipment does cause harmful interference to radio or telephone reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an experienced radio/TV technician for help.

Caution:
Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

To meet FCC requirements, shielded cables and power cords are required to connect this device to a personal computer or other Class B certified device.

This digital apparatus does not exceed the Class B limits for radio noise emission from digital apparatus set out in the Radio Interference Regulation of the Canadian Department of Communications.

Le présent appareil numérique n’émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de classe B prescrites dans le Règlement sur le brouillage radioélectriques publié par le ministère des Communications du Canada.
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If you need an RMA or technique service, please fill out the following form with as much detail as possible and FAX to your dealer.

<table>
<thead>
<tr>
<th>Product S/N:</th>
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<tbody>
<tr>
<td>Name:</td>
</tr>
<tr>
<td>TEL No.:</td>
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<tr>
<td>E-mail address:</td>
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<tr>
<td>Full Address:</td>
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**Hardware condition:**

<table>
<thead>
<tr>
<th>Mainboard chipset:</th>
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<tbody>
<tr>
<td>Mainboard CPU:</td>
</tr>
<tr>
<td>Main memory:</td>
</tr>
<tr>
<td>VGA card:</td>
</tr>
<tr>
<td>Sound card:</td>
</tr>
<tr>
<td>Other add-on cards:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Monitor:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal Freq.: KHz to KHz</td>
</tr>
<tr>
<td>Vertical Freq.: Hz to Hz</td>
</tr>
</tbody>
</table>

Problem description:
CHAPTER 1
Welcome to Video Console

(Video to VGA converter for High Resolution Video Picture)

1.1 Introduction
Welcome to the colorful multimedia world. Using the Video Console, you have made a best choice. The Video Console is a Video to VGA converter for playing High Resolution Video Picture game. The DEINTERLACE can provide high quality picture & give sharp, stable image output to VGA. Input Video System 50 to 60 Hz frame rate detection and Output to 60Hz & 75Hz to CRT/LCD monitor. OSD (on screen display) adjustment menu. It is easy to install, easy to operate, instantly switch the source between PC, Video and S-Video with a single button and turn your monitor into a high resolution picture output. VGA o/p can be up to 1024*768 (60Hz & 75Hz) resolution. Plug it, you will extend the functions of your computer, enjoy the game.

CHAPTER 3
Trouble Shooting
The following are problems that might arise when using the Video to PC converter, and possible solutions of them.

Q: How can I enhance the display quality?
A: Please adjust the contrast & brightness of the Monitor, LCD Monitor or Projector DEVICES to get the best output picture. With adjusting the contrast & brightness, the picture will be got the minimize the flicker effect.
1.2 Product Features

- The DEINTERLACE can provide high quality picture. It can give sharp, stable image output to VGA.
- Compatible for Multi Signal inputs: Video, S-Video, PC (bypass).
- Input Video system 50-to-60HZ frame rate detection (NTSC/PAL(SECAM) for Video, S-Video).
- The DEINTERLACE output mode can be changed from 640*480, 800*600 to **1024*768. (60 Hz & 75 Hz)**
- No software driver required. It is applicable to all the O/S.
- Compact body and easy installation, no need to uncover PC case. No PC compatibility problem.
- Supports 3:2 pulldown conversion for film mode.
- Supports 2:2 pulldown graphic mode.
- 3D Motion-adaptive interfiled de-interlacing.
- Supports function OSD (on screen display) control.
- OSD control menu: BRIGHTNESS, CONTRAST, COLOR, HUE, SHARPNESS, PICTURE MODE, RESOLUTION, FREQUENCY, RESET.
- PICTURE MODE: SPORT MODE, STATIC MODE.
- RESOLUTION: 640*480, 800*600 and **1024*768**.
- FREQUENCY: **60 Hz and 75 Hz** for each resolution.
- RESET: RESET to default setting.
- Panel button supports POWER, SOURCE, MENU, ENTER, UP & DOWN.
- Built-in microprocessor.
- Support six Languages; there are **ENGLISH, FRENCH, GERMAN, SPANISH, ITALIAN and DUTCH.**

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**Fig.2 Installation**

1. Make sure the power is turned OFF on all devices.
2. Be sure to make the proper cable connections.
3. Power on your PC.
4. Turn on your video devices (TV, DVD or VCD)
5. Power on the Video Console.
6. Select the input from **VGA IN**, **VIDEO IN** or **S-VIDEO IN** then you will get the picture.
Press + button to change **Dynamic** picture mode.
Press - button to change **Static** picture mode.

> **Resolution**
Press ENTER button and + / - button to change mode of 640*480, 800*600 or **1024*768**.

> **Frequency**
Press ENTER button and + / - button to change mode of 60HZ or 75HZ.

> **Reset**
Press ENTER button to reset to Default setting.

> **Language**
Press ENTER button and UP/DOWN button to select.
There are six Languages **English**, **French**, **German**, **Spanish**, **Italian** and **Dutch**.

- + : To select the mode and UP adjustment for Variable.
- - : To select the mode and Down adjustment for Variable.
- ESC : Esc from present MODE.
- **Reset** : Reset to Default setting.
- **Resolution** : To select the mode of 640*480, 800*600 or **1024*768**.
- **Frequency** : To select the mode of 60Hz or 75Hz.

### 2.4 Installation for IBM PC Users

The **Video Console** is a “Plug and Display” Video to PC converter.

Please read the following steps carefully for the installation of the **Video Console**.
CHAPTER 2

Install Video Console

The following section shows the function of controlling the Video Console. Please refer to Figure 1 for the Outline of Video Console.

---

**MENU**: Press + button or - button to select BRIGHTNESS, CONTRAST, COLOR, HUE, SHARPNESS, PICTURE MODE, RESOLUTION, FREQUENCY, RESET or LANGUAGE.

1. **BRIGHTNESS**
   - Press ENTER button and + / - button to modify BRIGHTNESS value.
   - Press + button to increment, Press - button to reduce. This item value is from 0 to 100. (Default value: 50)

2. **CONTRAST**
   - Press ENTER button and + / - button to modify CONTRAST value.
   - Press + button to increment, Press - button to reduce. This item value is from 0 to 100. (Default value: 50)

3. **COLOR**
   - Press ENTER button and + / - button to modify COLOR value.
   - Press + button to increment, Press - button to reduce. This item value is from 0 to 100. (Default value: 50)

4. **HUE**
   - Press ENTER button and + / - button to modify HUE value.
   - Press + button to increment, Press - button to reduce. This item value is from 0 to 100. (Default value: 50)

5. **SHARPNESS**
   - Press ENTER button and + / - button to modify SHARPNESS value.
   - Press + button to increment, Press - button to reduce. This item value is from 0 to 15. (Default value: 8)

6. **PICTURE MODE**
   - Press ENTER button and + / - button to change mode.
2.1 Connectors of Video Console

- **IR SENSOR (optional):** Infrared input of remote controller.
- **AUDIO OUTPUT:** Stereo audio signal output, connect to (amplified) speaker.
- **AUDIO IN/ R & AUDIO IN/ L:** Connects to sound device or AUDIO OUTPUT of a VCD/DVD/V8/CCD etc.
- **DC IN:** Plug with power cable.
- **PC AUDIO IN:** Connects to your PC’s sound card output.
- **VIDEO IN:** Connects to VIDEO OUT of video source (e.g. VCD/LD/DVD/V8 or TV GAME devices).
- **S-VIDEO IN:** Connects to S-VIDEO OUT of video source (e.g. VCD/LD/DVD/V8 or TV GAME devices).
- **VGA IN:** Connects the VGA cable to your PC.
- **VGA OUT:** Connects to your VGA monitor (CRT/LCD) supporting non-interlace format.

2.3 Remote Controller function button

- **POWER:** Toggle between power on & off. Automatically save the setting when you turn off the power button.
- **SATATIC:** Static picture mode while viewing photo.
- **SPORT:** Dynamic picture mode for PS2, X box, VCR, DVD, … Game.
- **PC:** To select the PC (VGA) input.
- **S-VIDEO:** To select the S-Video input.
- **VIDEO:** To select the Video input.
- **ENTER:** Enter the Present MODE (for menu).
2.2 Panel Buttons and Switch of Video Console

- **POWER button**: Toggle between power on & off. Automatically save the setting when you turn off the power button.
- **SOURCE button**: Select the input from **VGA IN**, **VIDEO IN** or **S-VIDEO IN**, then you will get the picture.
- **UP/DOWN button**: Press **UP** and **DOWN** to select item or modify value (for menu).
- **ENTER button**: Enter the Present MODE (for menu).
- **MENU button**: The **MENU** functions are **BRIGHTNESS**, **CONTRAST**, **COLOR**, **HUE**, **SHARPNESS**, **PICTURE MODE**, **RESOLUTION**, **FREQUENCY**, **RESET** and **LANGUAGE** press **UP** button or **DOWN** button to select.
  - **BRIGHTNESS**: Press **ENTER** button and **UP/DOWN** button to modify **BRIGHTNESS** value. Press **UP** button to increment, Press **DOWN** button to reduce. The item value is form 0~100. (Default value: 50)
  - **CONTRAST**: Press **ENTER** button and **UP/DOWN** button to modify **CONTRAST** value. Press **UP** button to increment, Press **DOWN** button to reduce. This item value is form 0 to 100. (Default value: 50)
  - **COLOR**: Press **ENTER** button and **UP/DOWN** button to modify **COLOR** value. Press **UP** button to increment, Press **DOWN** button to reduce. This item value is form 0 to 100. (Default value: 50)
  - **HUE**: Press **ENTER** button and **UP/DOWN** button to modify **HUE** value. Press **UP** button to increment, Press **DOWN** button to reduce. This item value is form 0~100. (Default value: 50)
  - **SHARPNESS**: Press **ENTER** button and **UP/DOWN** button to modify **SHARPNESS** value. Press **UP** button to increment, Press **DOWN** button to reduce. This item value is form 0 to 15. (Default value: 8)
  - **PICTURE MODE**: Press **ENTER** button and **UP/DOWN** button to change mode.
  - **RESOLUTION**: Press **ENTER** button and **UP/DOWN** button to change mode of 640*480, 800*600 or **1024*768**.
  - **FREQUENCY**: Press **ENTER** button and **UP/DOWN** button to change mode of **60HZ** or **75HZ**.
  - **RESET**: Press **ENTER** button to reset to Default setting.
  - **LANGUAGE**: Press **ENTER** button and **UP/DOWN** button to select.
  There are six Languages **ENGLISH**, **FRENCH**, **GERMAN**, **SPANISH**, **ITALIAN** and **DUTCH**.