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All-to-HDMI Converter & Switcher LKV391 Specification

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Shenzhen Lenkeng Technology

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All-to-HDMI Scaler & Switcher

LKV391

User Manual



## Product Features:

All-to-HDMI Scaler & Switcher LKV391 up-scales Component Video, YPbPr; SCART, S-video, VGA (with Audio) to HDMI 1080p and switch between the above signals to be output to 1 HDMI port. HDMI 1.3 and HDCP compliant.

- | **Input:** 2-way A/V signal, 2-way Y Pb Pr signal, 1-way SCART signal, 1-way S-Video signal, 1-way VGA signal, and 2-way HDMI, 2 Audio Left and Audio Right input;
- | **Output:** 1-way HDMI, Audio Left, Audio Right, Optical;
- | **Output Audio Left, Audio Right, Optical** to be connected to sound box, if you want to get better sound effect;
- | **Scale Function:** build-in signal amplifier scales component Video, YPbPr; SCART, S-Video, VGA to HDMI 1080p, and up-scales 2 HDMI inputs 480i, 480p, 576i, 576p, 720p (50HZ; 60HZ); 1080i (50; 60HZ) to 1080p;
- | **Switch Function:** Select between all sources to be output to 1-way HDTV by IR remote control;
- | **With remote control** to switch between the 9-way sources and select any one of the signals to be output to 1-way HDMI display;
- | **With RS232 Control**, enable you to operate the machine on your computer;
- | **Support video color format:** deep color 24bit/36bit;
- | **Support audio format:** LPCM, Dolby-AC3, DTS7.1, DSD/Dolby True HD /DTS-HD master Audio;
- | **Display Size Adjustment:** SD Input: display size is adjustable between 4:3, 16:9 and 16:10; HD input: display size is adjustable between 16:9 and 16:10.
- | **Power adapter supply:** DC: 12V, 3A;
- | **Audio:** 1 YPbPr1, Video1 and S-Video share Audio1, 2 YPbPr2 and Video2 share Audio2, PC AUDIO is used independently by VGA input;
- | **OEM and ODM** are welcome;
- | **Customers can choose one or more than one kind of signals** to be set in the box in any number. For example, you can choose to add display port and get rid of some other ports. It is a cake that you can divide and choose freely.

## Input Resolution:

- | **HDMI1/HDMI2:** 480i, 480p, 576i, 576p, 720p (50HZ; 60HZ); 1080i (50; 60HZ); 1080p(50HZ; 60HZ).
- | **DVI :** 640x480 (60HZ), 800x600(60HZ); 1024x768(60HZ); 1280x720(60HZ); 1280x1024(60HZ); 1920x1080(60HZ);
- | **YPbPr1/YPbPr2:** 480i, 480p, 576i, 576p, 720p(50HZ; 60HZ), 1080i(50HZ; 60HZ), 1080p(50HZ; 60HZ)

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### I VGA:

640x480 (60HZ, 72HZ, 75HZ), 800x600(60HZ, 72HZ, 75HZ), 1024x768(60HZ, 72HZ, 75HZ), 1280x768(60HZ), 1280x960(60HZ), 1280x1024(60HZ), 1400x1050(60HZ), 1440x1050(60HZ), 1440x900(60HZ), 1360x768(60HZ) 1920x1080(60HZ); DOS: 720x400 (70HZ).

## Front Panel:



- LED indication
- IR indication
- Power indication

## Back Panel:



### Input:

- 2-way A/V signal,
- 2-way Y Pb Pr signal,
- 1-way SCART signal,
- 1-way S-Video signal,
- 1-way VGA signal,
- 2-way HDMI

### Output:

- 1 Audio/L, Audio/R;
- 1 HDMI Output;
- Optical Output.

Contact: Jane He (Foreign Trade Director)

Email: [jane@lenkeng.com](mailto:jane@lenkeng.com); MSN: [aesevoli@hotmail.com](mailto:aesevoli@hotmail.com)

Tel: +86-(0)755-82500212; FAX: +86-(0)755-82500201

## Remote Control:



**MENU:** power switch on/off;

**MUTE:** mute on/off;

**OK:** under OSD, pressing OK to confirm selection, and press OK to display current status when it is not under OSD.

**UP/DOWN:** under OSD, move the cursor up and down for selection; when it is not under OSD, press this key to switch signals;

**VOL:** under OSD, move the cursor left and right for selection; when it is not under OSD, press this key to adjust voice.

**720P/1080P:** press this key to select output resolution between 720P (50 for selection), 720P (60HZ), 1080P (50HZ) and 1080P (60HZ).

**RATIO:** Output display ratio adjustment. Adjust display ratio between 4:3, 16:9 and 16:10 based on different signal input. VGA doesn't support output ratio adjustment.

**EXIT:** exit OSD menu or input signal menu.

**INPUT:** select input signal

**RESET:** reset to default setting