

## Technical Specification.

### Input:

1x HDMI at 480i @ 60Hz / 576i @ 60Hz / 480p @ 60Hz / 576p @ 60Hz / 720p @ 50/60Hz / 1080i @ 50/60Hz / 1080p @ 50/60Hz for TV use, or  
1x HDMI at 640x480p @ 60Hz / 800x600p @ 60Hz / 1024x768p @ 60Hz / 1280x720p @ 60Hz / 1280x1024p @ 60Hz / 1360x768p @ 60Hz / 1600x1200p @ 60Hz / 1920x1080p @ 60Hz for PC use.  
Up to 1.65Gpbs / 165MHz, HDMI 1.2.

### Output:

1x composite video on phono connection.  
Selected either PAL or NTSC video standard.  
Vertical frequency range of 50/60Hz.  
Left and Right stereo audio.

### Power:

Supplied with a 5V 2A power supply.  
Power consumption maximum 5W

### Dimensions:

66 x 55 x 20mm.

### WARNING!

The Mini HDMI to Composite & L/R Audio converter is an electronic device, which may be used with a 230V mains adaptor. All normal precautions should be observed towards electronics devices. Do not spill any liquids on the unit or power supply. Do not attempt to service the unit. Do not cover the unit, do allow for ventilation. Do not spray the unit with any combustible substances.

In the unlikely event the unit falters for any reason, disconnect from the mains supply and retry after a few minutes. Contact information is provided below.



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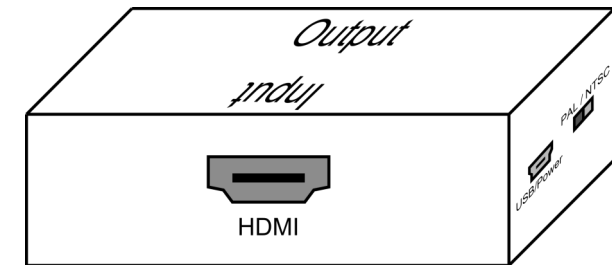
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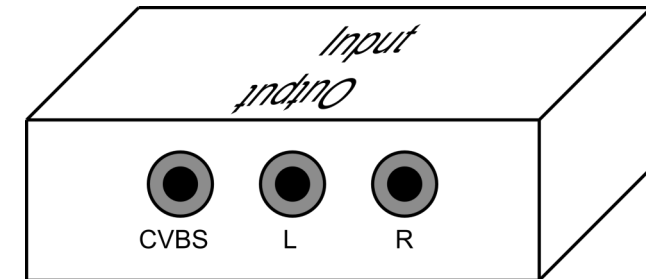
## Mini HDMI to Composite & L/R Audio Converter.

<http://www.js-technology.com>

## Instruction Manual.



Input



Output

- Converts HDMI to a Composite phono type connection.
- PAL (UK / Europe) or NTSC user selectable.
- Auto set up with source—no user intervention required.
- Ideal for Projectors / Plasma TVs / LCD TVs with no HDMI input.
- Up to 1080p Full HD supported.
- Stereo Audio output.
- Easy to use.

It is recommended that good quality leads be used with the converter. Suitable cables are available from J.S. Technology as well as most good retailers. The unit requires 5V DC supply to operate, a suitable mains adaptor is provided.



Manual printed in UK/Europe.



Technology 2014.

## Mini HDMI to Composite & L/R Audio Converter.

The Mini HDMI to Composite & L/R Audio Converter is the ideal means to add an HDMI connection to a display which offers a composite type input. Via the converter it is possible to display content from an HDMI source which would not otherwise be possible. The composite may also be input via SCART using a suitable lead or adaptor.

The Mini HDMI to Composite & L/R Audio converter offers a basic level of picture quality in the conversion process.

## Connection to the HDMI to Composite Converter.

The converter has only one input connection, the HDMI input. Typical sources are:

- Blu Ray Player.
- DVD player.
- Sky HD.
- Virgin Media.
- Freeview.
- Games Consoles.

Output from the converter is via a single phono connections for the composite video and two phonos for Left / Right audio. The composite video should be connected directly to the intended display. Adjustments of position and size may of the converted picture be required.

Audio for Left and Right can be connected to the display or to an external amplifier. If the external amplifier supports surround sound then a direct connection from the source via a digital audio feed is preferable.

A typical connection scheme is shown in the page opposite.

During installation ensure that all devices are switched off. Then:

1. Connect the HDMI from the source to the converter.
2. Using a phono lead from the converter connect to the display.
3. Power up source and display, selecting appropriate input for the display.

Power typically is not required, however a USB port for power is provided and should be used if any issues arise. A USB phone charging point would be suitable.

## Configuration of the Source and Converter.

The converter is able to auto-detect HD video up to 1080p and also works with numerous PC resolutions up to 1600x1200p. We believe it is best to operate the source at lower resolution if possible, such as 720p, as there is no gain from the higher resolutions.

There are two options for video output, PAL or NTSC. Generally for the UK / Europe the PAL mode should be selected.

## Typical Connection Scheme for the HDMI Converter

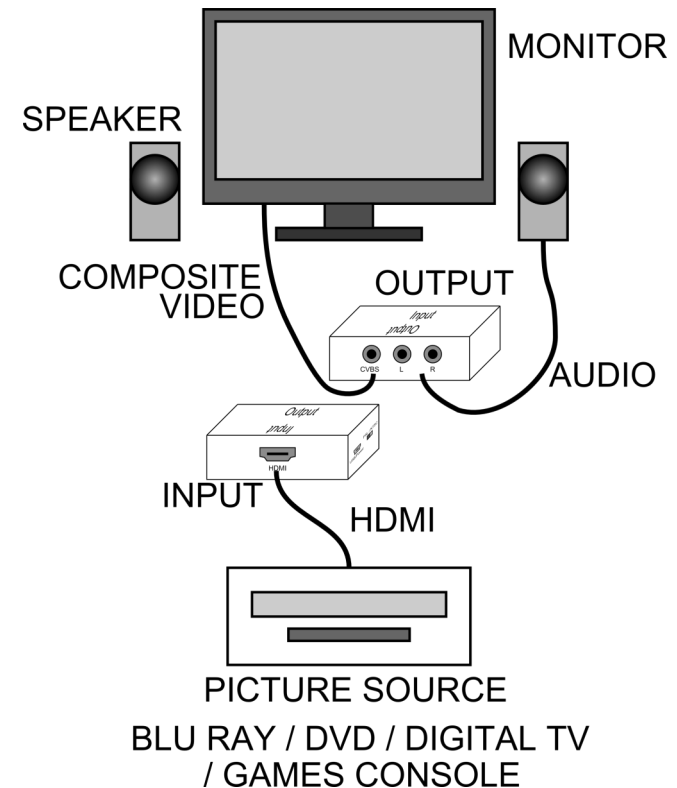


Figure above: Connection of the HDMI to Composite & L/R Audio Converter. Power supply and audio amplification omitted for clarity.