

Technical Specification.

Input:

YUV / YPbPr input from domestic video equipment, 1V pk-pk.
Audio input connections.

Output:

VGA with RGB and HV signals for progressive and interlaced video, interlaced compatible with screen that are compatible with the RGB to Plasma VGA product. See website for further details.

SCART output for interlaced video only, with audio pass-through. Function and widescreen switching asserted on SCART output.

Copy Protection Compatibility:

Computer control to enhance compatibility with copy protected sources while still maintaining accuracy of unit. This will not allow copies to be made via this unit.

Power:

Standard fused (3A) UK mains plug, 230V and 50/60Hz ac. Power consumption 1W. LED power indicator.

Dimensions:

150x85x48mm.

WARNING!

The Component to RGB / VGA converter is powered by 230V mains. All normal precautions should be observed. Do not spill any liquids on the unit. Do not attempt to service the unit. Do not cover the unit, do allow for ventilation. Do not use a higher rating of fuse, and only replace with a like fuse. 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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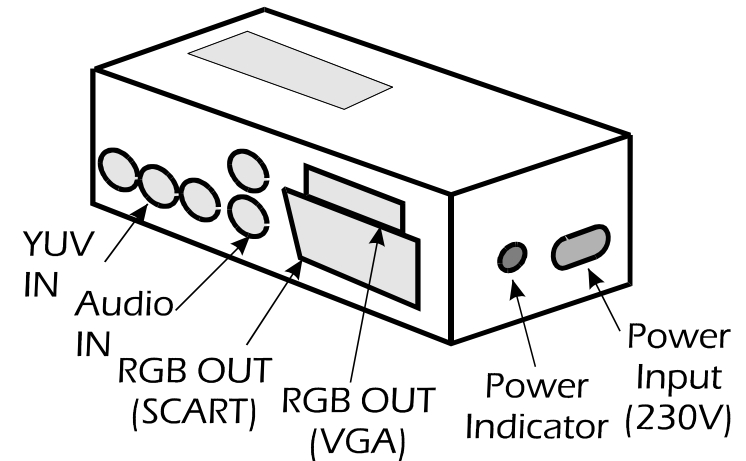
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Component (YUV) to RGB / VGA.

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

Instruction Manual.



- Input of Component YUV / Y,PbPr in either progressive or interlaced format.
- RGB output on SCART for interlaced video.
- VGA output for progressive video—ideal for plasma screens and projectors that do not have a progressive component input.
- High bandwidth conversion process for sharp detailed picture.
- Convenient connections to existing equipment - phono input for component and audio, VGA or SCART connectors for output.
- Computer enhanced broadcast quality synchronisation extraction, compatible with copy protected sources.
- Compatible with both NTSC and PAL formatted YUV video.
- Audio is passed through without modification to ensure optimum audio quality.

It is recommended that good quality leads be used with the converter and that if the SCART output is used, this cable be fully wired. Suitable cables are available from most good retailers. The unit requires 230V a.c. 50-60Hz mains supply to operate.



Designed & manufactured in UK/Europe.



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Configuration of the Source.

There are two options for Component video:

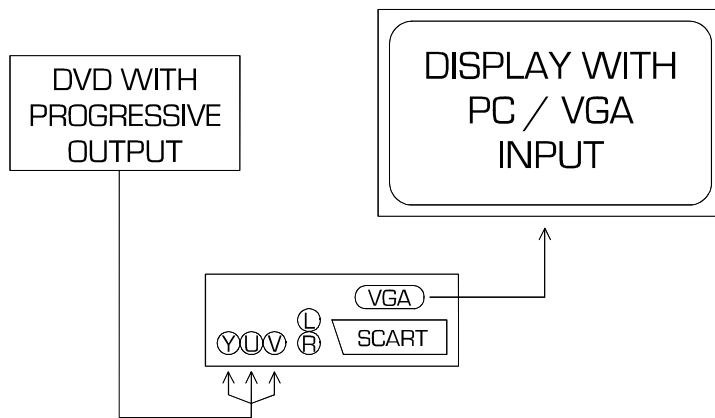
- Progressive
- Interlaced.

Depending upon the display device and source will determine which of these you will use. The Component to RGB / VGA converter is ideal for allowing progressive video, such as that from a progressive scanning DVD player or video scalar, to be used with a display which has no compatible component connection but does have a VGA input.

For conversion of standard interlaced video, the SCART output is ideal. The conversion process is of a high quality making the Component to RGB / VGA converter the ideal means to adding component input to a display with only RGB SCART input.

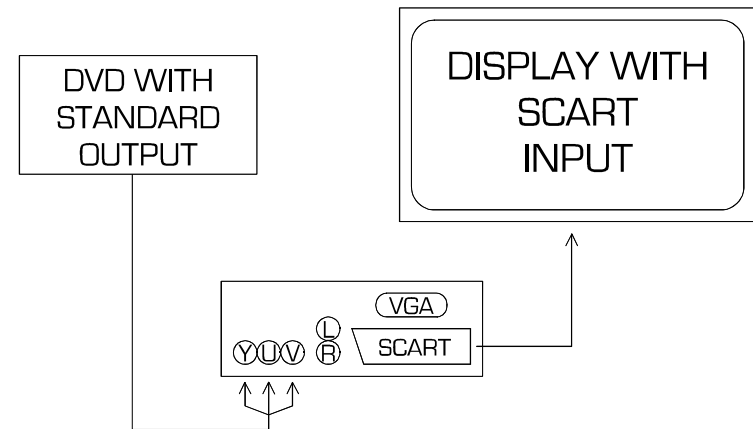
Some displays with a VGA input will operate with interlaced component video, for an indication of such screens see compatibility information for the RGB to Plasma VGA unit.

Configuration of Progressive Component Video Source With the VGA output.



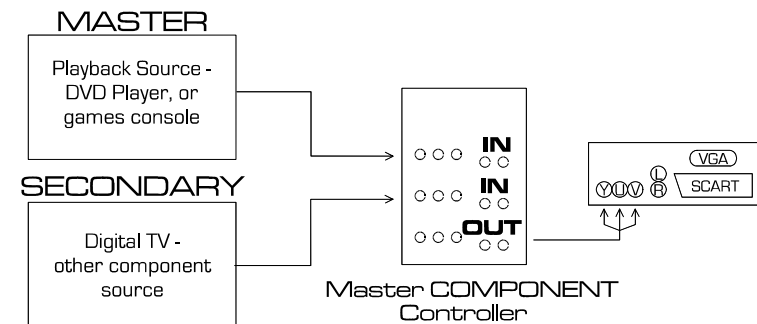
Connect the component video source, in this example a DVD player, to the Component to RGB / VGA's YUV inputs. The converted video is now available from the two outputs, SCART and VGA. For progressive video, the VGA output should be connected to the display, leaving the SCART output disconnected. Audio does not need to be connected as this is only passed to the SCART output, but should be connected to either the display or external amplifier instead.

Configuration of Standard Interlaced Component Video Source With the SCART output.



Connect the component video source, in this example a DVD player, to the Component to RGB / VGA's YUV inputs. The converted video is now available from the two outputs, SCART and VGA. For standard interlaced video, the SCART output should be connected to the display, leaving the VGA output disconnected. Audio is passed directly to the SCART output if required, or can be directly connected to an external amplifier. The SCART output asserts both RGB enable and Widescreen function by standard.

Additional Component Input using the Master Component Controller.



An additional component input can be added using the Master COMPONENT Controller, a high quality YUV priority video switch. This will sense when the Master YUV input is active and automatically change over to this input.