

## Technical Specification.

### Input:

Component input from domestic video equipment, 1V pk-pk.  
Phono input connectors.  
75Ω terminations.

### Output:

Two separated outputs via phono connectors in groups of three.  
All video signals are buffered for 75Ω reverse terminated cables.  
Audio.

### Power:

Supplied with a 9V unregulated power supply (12V unloaded). 12V regulated supply or 9V unregulated recommended.  
Power consumption <1W.  
LED power indicator (internal).

### Dimensions:

120x98x45mm.

### WARNING!

The Active Component Buffer includes a 230V mains adaptor, which supplies 12V dc. 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 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.



© 2005.

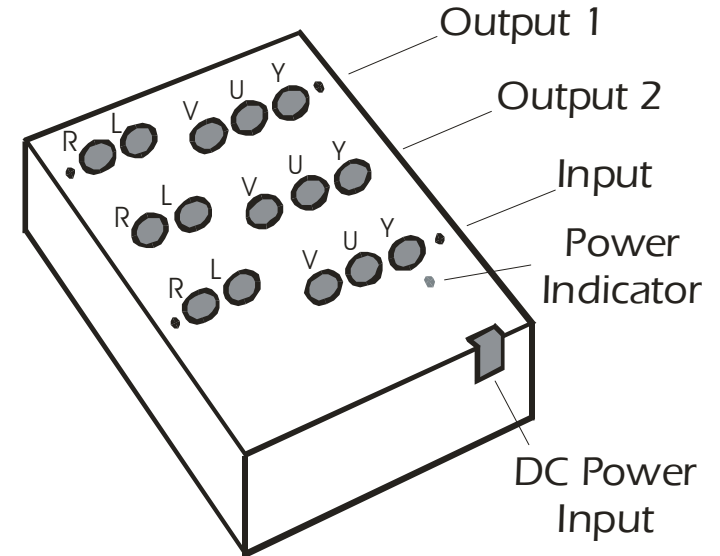
J.S. Technology,  
APL Centre,  
Stevenson Ind. Est.,  
Stevenson.  
Ayrshire  
KA20 3LR

E-mail: technical@js-technology.com Tel: 01294 471468 Fax: 01294 470916

# Active Component Buffer V2.

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

## Instruction Manual.



- Input of Component (YUV / YPbPr) from any source, such as DVD players, or digital TV.
- Output of two high-quality Component video copies of the input. Correct levels are maintained.
- Correct load to source equipment - Does not overload the source equipment.
- Output levels are the same as the input levels - no loss or variations in brightness.
- Audio is fully buffered.
- Compact design and a low cost solution.

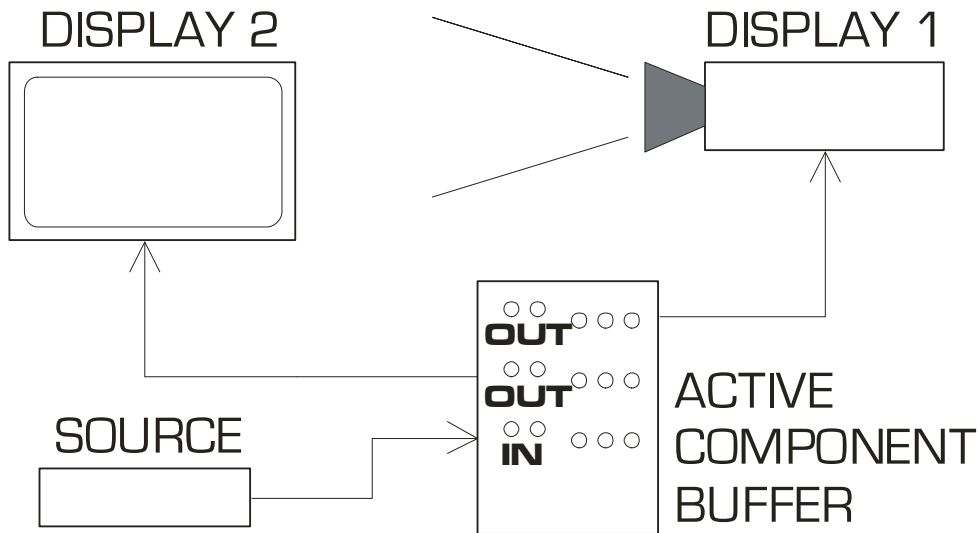
The Active Video Buffer unit should be connected to the source via a SCART lead. If RGB or S-Video signals are to be buffered, it is advisable to use a fully connected SCART lead, or one that has at least the RGB, audio and composite connections. The unit requires a 230V a.c. 50/60Hz mains supply to operate, mains adaptor supplied.



Designed & manufactured in Europe.



## Configuration of Home-Cinema with the Active Video Buffer.



A typical configuration has a local display, such as a standard TV, and a remote display such as a projector as in the above example. The source, which could be digital TV or a DVD player, is connected to the input of the Active Component Buffer. Either of the two outputs can be connected to the TV or projector, there is no order of preference.

Each output and input are arranged in to a group of five phono connectors, sub divided in to a further group of two and three for audio and video respectively. Audio connections have Red for Right and White for Left audio. Video connectors are marked Green for Y, Blue for U / Pb and Red for V / Pr.

The terms YUV and YPbPr are interchangeable.

This page has been left intentionally blank.