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COMPONENT VIDEO/AUDIO

Extender



Description:

Our component Video and Audio extender kit include a transmitter and a receiver. It allows component analog video signals Y/Pb/Pr, analog stereo audio L/R signals as well a digital audio signal from SPDIF or Toslink equipment to be extended via a single Cat5 or better cabling up to 1000ft. It supports the resolution up to 1080P.

Luma and chroma adjustments are included to get the best images. Both the transmitter and receiver are housed in a robust SPCC with black painting case for better shielding to noises. All our products are 100% tested for reliability and durability to guarantee your signal integrity.

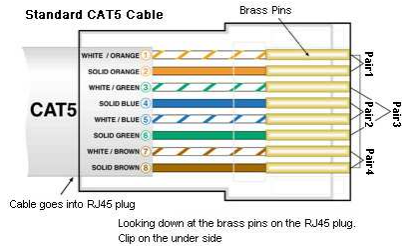
Specification:

Actual Bandwidth:	120MHz (resolution up to 1080P)
Connectors:	Y/Pb/Pr: Female RCA *3 Analog audio: Female RCA*2 SPDIF: Female RCA*1 TOSLINK: Optic header*1 Video/Audio: Shielded RJ45 jack*1 Power: DC jack*1
Cable UTP:	Cat5 or better, AWG#24 typical Impedance: 100ohm at 1MHz Maximum capacitance: 20pf/ft Attenuation: 6.6dB/100ft at 1MHz
Typical distance:	1000ft
Gain adjustment	Fine adjusted by potential meters for Luma and Chroma
LED indicators:	Power ON: blue
Power supply:	5Vdc/1000mA * 2
RJ45 Pin configuration:	Y:Pin4 (+), Pin5(-)/Pr: Pin1(+), Pin2(-)/Pb: Pin7(+), Pin8 (-) Stereo Analog Audio be mixed among Y/Pb/Pr Digital Audio: Pin3(+), Pin6 (-)
Enclosure:	SPCC with black painting
Dimension (body):	107(L)*75(W)*30(H) in mm
Weight:	280g

Installation:

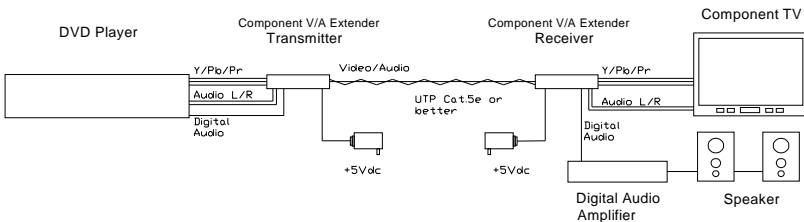
- 1) Turn all equipment and/or system power OFF prior to installation.
- 2) Connect RCA cables between transmitter of Component Video/Audio Extender and DVD.
- 3) Connect an UTP cable between transmitter and receiver of Component Video/Audio Extender. Please pay attention to the wirings of RJ45 plugs by following figures, it is easy to make the mistake at this step. Please make sure you get all the cores into RJ45 plug in correct order and all cores go to the end of RJ45 plug before crimping. The brass pins will be pressed into the individual cores and locked the plug on to the cable by crimping tool.

Pin	Color of Core
1	White / Orange
2	Solid Orange
3	White / Green
4	Solid Blue
5	White / Blue
6	Solid Green
7	White / Brown
8	Solid Brown



- 4) Connect RCA cables between receiver of Component Video/Audio Extender and component TV.
- 5) Connect an optic fiber between receiver of Component Video/Audio Extender and digital audio equipment.
- 6) Insert DC plugs into power input on both transmitter and receiver.
- 7) Turn ON all the power.
- 8) Adjust potential meters on receiver to get the best image.

Application:



Troubleshootings:

1. No function:
 - a) Check all the connections.
 - b) Check if LED indicators are turned ON.
2. Poor image
 - a) Check if the distance is not too long. There are several factors to affect the transmit distance, for examples, the qualities of cable, source and remote equipment as well the electrical interferences among, it is recommended to use STP cable where high interferences surrounded.
 - b) Adjust the potential meters to get the best images.

- c) Check UTP cable (be sure you use Cat5 or better cable).

Warranty:

Our products have a limited lifetime warranty. Lemar warrants that this product is to be free from defect in materials and workmanship, for the life of the product. The warranty given by Lemar is in lieu of any other warranties, express or implied. This warranty does not apply to units abused through misuse or subjected to improper and/or excessive voltage, beyond our control. Lemar assumes no responsibility for damages or penalties incurred resulting from the use of this product. Lemar's liability under any warranties shall be discharged by replacing or repairing, at our option, the defective product. Lemar's liability for any product shall not exceed a refund of the purchase price. The warranty listed here is intended only as a summary of your full and complete warranty.

For a full and complete warranty of this product, please contact Lemar.

Caution:

Do not attempt to open the body, as there are no user-serviceable parts inside Balun. Opening the unit will void your warranty.

All contents above are subjected to change without notice.