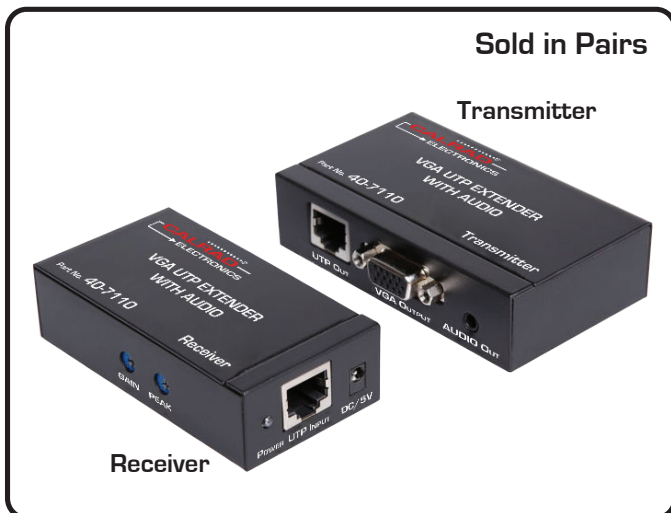


.....®  
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# 40-7110

## VGA AUDIO VIDEO BALUN OVER SINGLE CAT5E\CAT6 CABLE



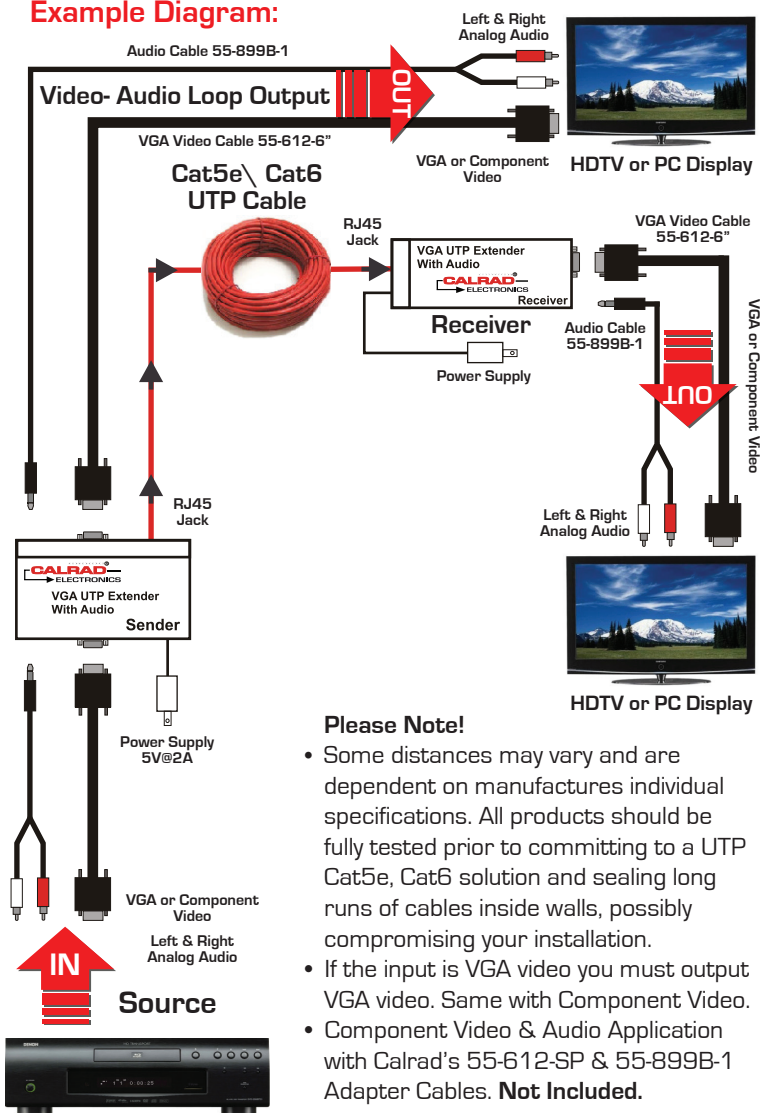
Sold in Pairs

Transmitter

Receiver

Calrad's high-resolution baluns for VGA over UTP devices can extend stereo audio and video signals up to 1,000 feet from the source using a single Cat5e or Cat6 cable. The receiver has a built-in active equalization circuitry providing adjustments of Gain\Peak levels for different lengths of cable. This technology is a perfect and reliable solution for situations where your VGA\HDTV monitor needs to be located in a separate location from where the VGA\HDTV source, computer workstation is located. Running video over commonly used CAT5\Cat6 cable results in greater signal distance, reduced material costs and ease of installation. Cat6 UTP cables can be used but may cause skewing of signal pairs at certain resolutions. DC power supplies are required for the sender and receiver. L.E.D. power indicators for the sender and receiver. This balun does not do any video transcoding only the same signal type in\out. Audio video adapter cables required for component video, sold separately.

### Example Diagram:



### Please Note!

- Some distances may vary and are dependent on manufactures individual specifications. All products should be fully tested prior to committing to a UTP Cat5e, Cat6 solution and sealing long runs of cables inside walls, possibly compromising your installation.
- If the input is VGA video you must output VGA video. Same with Component Video.
- Component Video & Audio Application with Calrad's 55-612-SP & 55-899B-1 Adapter Cables. **Not Included.**

### SPECIFICATIONS:

- Video Resolutions PC: VGA, XGA, SXGA
- HDTV: 1080p, 1080i, 720p, 480p
- Supports Resolution Max: 1920 x 1200
- Connectors: 19 pin Female Jack, 1 x RJ45 Shielded Jack each unit
- Audio: 2 x 3.5mm Females one unit, 1 x 3.5mm Female one unit
- Video: 2 x HD-DB15 Female Jacks one unit, 1 x HD-DB15 Female Jack one unit
- DC Power: 2 x 5Vdc @ 2A/ 5W
- Video Bandwidth: 250 MHZ
- Audio Bandwidth: 20-20Khz, +/-1 db
- Vertical Frequency Range: 60/75/85Hz
- Operating Temperature: 0°C to +70°C
- Storage Temperature: -10°C to +80°C
- Size: Receiver: 3.19" L x 1.69" W x 0.90" H  
 Transmitter: 3.46" L x 2.05" W x 0.90" H
- Chassis Color: Black
- FCC, CE, UL approved devices
- Weight: Receiver: 108g, Transmitter: 135g

**Cat5e Cable Transmission Distances by Video Resolutions**  
 1080p, 250 ft. | SXGA, 450 ft.  
 1080i, 500 ft. | XGA, 600 ft.  
 720p, 700 ft. | 480p, 900 ft.  
 VGA, 1000 ft.

Satellite, Cable Box, DVD Player Media PC, Blu-Ray, Stereo Receivers