



Stereo Audio Balun SB-1 User Manual

Thank you for choosing Transformative Engineering products. We strive to create the highest quality, most useful products for the Systems Integration Industry. We hope you will find this product helps your installations perform better. We also try to make every product fully-featured, so your stocking and specifying requirements are simplified. Please follow these instructions for installation. Should you have any questions or concerns, do not hesitate to contact us directly at 781-769-6410, or via our website, www.transformativeengineering.com.

I. Description

This Stereo Analog Balun provides for conversion of Stereo Analog Audio over (1) Category 5 or CAT6 (UTP) cable. In addition, a single IR (or other use) pass-thru connection is provided. These Baluns must be used in pairs. They become mirror-images of each other and are interchangeable at either end. They are passive, requiring no power supply.

The audio transformers used in this product are high quality, audiophile-grade, and will provide exceptional audio reproduction over a long length (up to 100 Meters) of inexpensive, UTP wire.

II. Installation

Simply plug one of the SB-1 Baluns into your Stereo source with the other SB-1 connected to your destination (amplifier, TV, etc.), and run a CAT5 or CAT6 wire, terminated with RJ45 connectors between the two. We recommend T-568 "B" type wiring of the connectors. Additionally, you may connect an IR transmitter into the source SB-1 mini-plug, with the destination SB-1 IR output connected to an IR emitter. We have included a dual-female mini-jack adapter if a gender change is needed. Alternatively, this 2-conductor pathway may be used for any DC coupled purpose such as a relay or indicator lamp. Please be advised that the limitation of this path is 65 Volts AC or DC at a maximum of 1.5A current.

III. Warranty

This product is guaranteed against defects in material and workmanship for three (3) years from the date of purchase. Misuse, abuse, or modification of the internal components void any warranty. Any connection of this device to signal levels in excess of industry standards for Line-Level Audio void the warranty. The rating of the IR-Pass Thru connections may not exceed 65 Volts AC or DC, at 1.5 Amps.

VI. For Technical Assistance, please call:

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