



Stereo AV/IR Pass-Thru Balun Optimizes Cat5E/6 Usage

MONTREAL — MuxLab Inc, leader in CCTV and audio-video connectivity for Cat5E/6, is pleased to announce its latest solution for the custom AV market....The Stereo-AV/IR Pass-Thru Balun (p/n 500048, 500049). The Stereo AV/IR Pass-Thru Balun allows one composite video, one stereo audio channel and one IR emitter signal to be transmitted via in a point-to-point scenario over one Cat5E cable. The product features hi-fidelity audio performance with a frequency response of 20Hz to 20KHz and screw terminals for connection to a 3rd party IR Remote Control emitter, thereby fully optimizing the use of the Cat5E cable. The Stereo AV/IR Pass-Thru Balun also features built-in color-coded RCA cable leads for greater ease of installation in the structured cabling environment. Its one-piece design allows it to be connected directly to any AV equipment and then patched in to the nearest Cat5 modular outlet.

Used in pairs, the Stereo AV/IR Pass-Thru Balun supports composite video and stereo Hi-Fi audio up to 2,200 feet (670m) and 3,250 ft (990m) respectively via Cat 5E/6 twisted pair cable (UTP). By allowing up to four (4) single use cables to be replaced by one (1) Cat5E/6 cable, the Stereo AV/IR Pass-Thru Balun is consistent with MuxLab's goal of providing more cost-efficient cabling solutions for custom AV systems. Totally passive and requiring no power supply; the Stereo AV/IR Pass-Thru Balun helps save a significant portion of the cabling cost in point-to-point AV connections, without sacrificing picture quality. Applications for the product are extensive and include: residential AV systems, digital signage, video-conferencing, projection systems, video kiosks, classroom instruction, tradeshow demos, PC-training, airline information systems, courtroom video arraignment, medical monitoring and CCTV security and surveillance.

The product features one (1) yellow RCA connector for video, two (2) RCA (red/white) connectors for stereo audio, one terminal block for IR emitter pass-thru and one (1) RJ45 connector for Cat5E/6. The Stereo AV/IR Pass-Thru Balun works in conjunction with DVD players, cable TV receivers, PC video cards, laptops, DLP projectors, satellite receivers, audio-video distribution amplifiers, switchers, servers, mod/de-modulators and scan converters that support composite video and stereo audio.

The product also works with MuxLab's line of wall, rack and surface mount accessories for a more versatile cabling solution.

For more information, please visit the MuxLab website (www.muxlab.com) or contact MuxLab at +1 514-905-0588, or videoease@muxlab.com. A 300 DPI product photo is available upon request.