

S-Video & Stereo Audio Extender Cat. 5e/6

Introduction

Thank you for purchasing the LINDY AV Extender. This device can transmit both S-Video and Stereo Audio over distances of up to 300m using low cost Cat. 5e/6 or higher twisted pair cable. Maximum transmission lengths are for guidance only and will depend on your application and the type of twisted pair cable used. Longer distances are possible however picture quality will vary.

Specifications

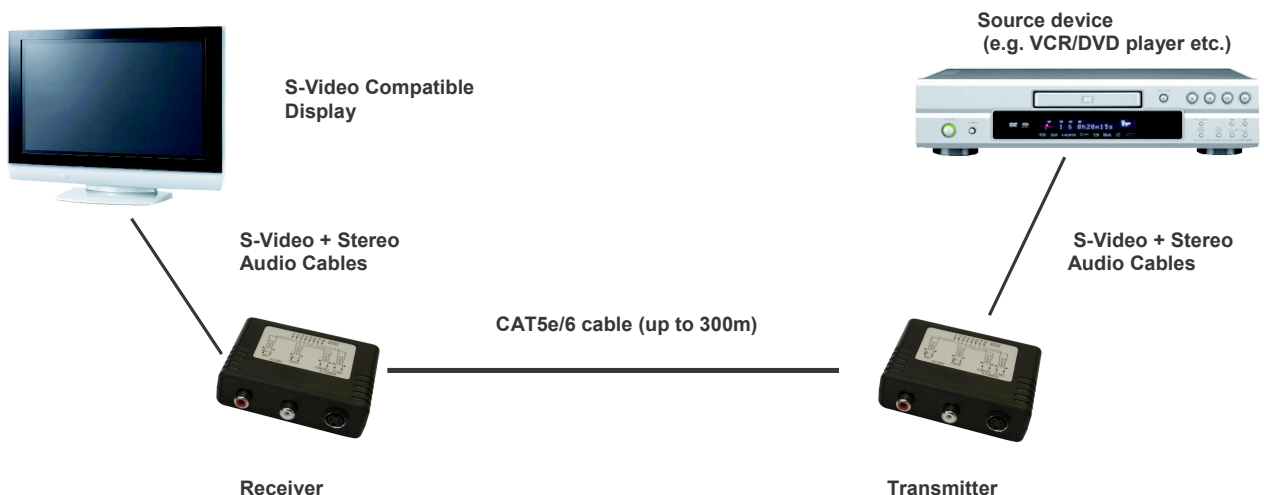
- Transmits video and audio signals up to 300m
- Video Bandwidth: DC to 8MHz
- Insertion Loss: $\leq 2\text{dB}$ over the frequency range from DC to 8MHz
- Return Loss: $\geq 15\text{dB}$ over the frequency range from DC to 8MHz
- Common Mode Rejection: $\geq 40\text{dB}$ at 8MHz
- Video Impedance: $75\ \Omega$; Audio Impedance: $600\ \Omega$
- Cable Requirements:
 - Type: CAT5e/6, 24AWG or lower solid copper, twisted pair
 - Impedance: $100\ \Omega$ at 1MHz
 - Max. capacitance: 20 pf/ft
 - Attenuation: 6.6 dB / 1000ft at 1MHz

Product Information (Both units are identical. Either module can be used as the transmitter or receiver)

Connectors:



Connection Diagram: Installation is truly plug & play; simply connect the relevant cables.



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