

**Overview:**

The Analog Audio Balun Amplifier allows one (1) analog source using the Muxlab Audio Balun (500028) or Muxlab Audio Matrix Switch (500210) to feed a 30W/channel stereo Class D amplifier using UTP Cat5e/6 cable.



**Applications:** Audio Distribution Systems, Classroom training, Hospitality industry, Podium systems, Home theatre audio, Digital signage, Rental and staging, PA systems, Ceiling and shelf speakers

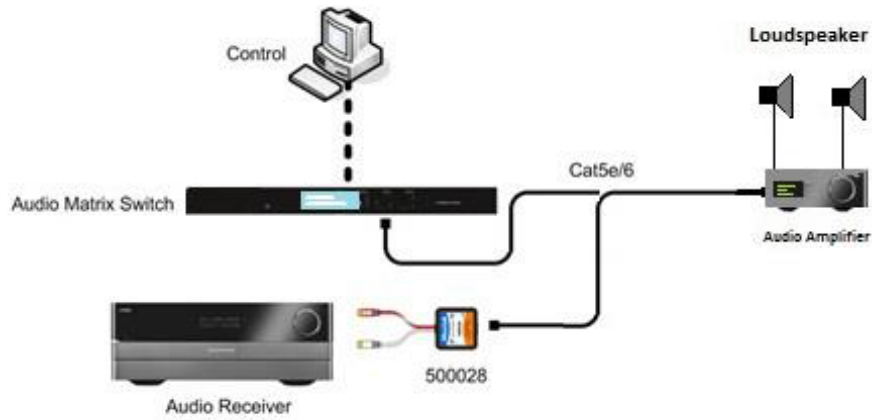
**Features:**

- RJ45 jack for input and binding posts for output
- 30W per channel (PMPO) into 8 ohms
- Compatible with MuxLab Stereo Hi-Fi Balun and Audio Matrix Switch
- Volume control, Ground loop isolation
- Front display: volume and input level indication

<b>Environment</b>	Audio Distribution using CAT cabling
<b>Device Targeted</b>	Audio System using the Muxlab HiFi Balun.
<b>Power Output</b>	30W RMS maximum (PMPO) per channel into 8 ohm
<b>Frequency response</b>	20 – 22,000 Hz (+/- 1 dB) with 8 ohms
<b>Front Control</b>	Volume, push to save power-up default
<b>Front Display</b>	Input level left and right: L R Volume level: ((o)), Set volume memory: M
<b>Mounting Brackets (not included)</b>	Muxlab M500917
<b>Power Requirement</b>	120W max, 24V 5A.
<b>Compatible Source Unit</b>	Audio matrix: 500210 Balun: 500019, 500027, 500028*, 500030 (*recommend)
<b>Cabling Requirement</b>	Any 4-pair straight cable UTP Cat5, 5E or 6
<b>Connectors</b>	Input: One RJ45 connector Output: Four binding posts: red & black, for each channel Power input: One power coaxial jack, 2.0 mm
<b>RJ45 Pin Configuration</b>	Pin 1+2, 3+6 for audio left and right
<b>Temperature</b>	Operating : 32° to 90°F (0° to 40°C) Storage: -40° to 185°F (-40° to 85°C)
<b>Humidity</b>	Maximum 90% (non-condensing)
<b>Enclosure</b>	Aluminum, black anodized.
<b>Dimensions</b>	4" x 5" x 2" (9 x 13 x 5 cm)
<b>Weight</b>	5 lbs (2 kg)
<b>Warranty</b>	2 Years
<b>Order Information</b>	500219-US Analog Audio Balun Amplifier, US (UPC 627699002193) 500219-UK Analog Audio Balun Amplifier, UK (UPC 627699902196) 500219-EU Analog Audio Balun Amplifier, EU (UPC 627699802199)

# Analog Audio Balun Amplifier 500219

## Typical Application:



## Product Photos:

