

STICK-ON® SERIES Model ST-DA3 Distribution Amplifier

ANYWHERE YOU NEED...

- Audio Distribution with Up To 3 Outputs
- Balanced or Unbalanced Input and Outputs
- To Bridge a Line for Local Distribution
- Distribution with Impedance Conversion
- Distribution with Gain or Loss
- Ground-referenced or Floating Power



You Need The ST-DA3!

The ST-DA3 is part of the group of versatile STICK-ON products from Radio Design Labs, featuring the advanced circuitry for which RDL products are known. The durable adhesives provided with the ST-DA3 permit permanent or detachable mounting. Numerous mounting accessories, brackets and rack-mount chassis are optionally available to facilitate any system design.

APPLICATION: The ST-DA3 allows the bridging of any audio line, adjustment of the gain, and driving up to three outputs. Each output is driven by a separate amplifier, and is isolated from both the input and from the other outputs. The circuit design allows the input to accept either balanced or unbalanced signals, of either high or low impedance; and each output may be connected either balanced or unbalanced. The ST-DA3 features wideband circuitry that produces the unsurpassed pure clarity for which RDL products are known. Some features are:

- Functions as an electronic transformer
- Provides isolation, gain, and three outputs
- Wideband amplifiers produce impeccable audio
- Operates from ground-referenced, floating or bipolar power supply
- Ultra-low distortion
- Ultra-low noise
- Excellent phase response
- Gain adjustment 17 dB above or below unity
- Ample headroom at operating level
- Recessed multi-turn audio taper gain trimmer for precise control
- Input and outputs are RF protected
- Full operation in either high or low impedance circuits
- Outputs are short circuit protected
- Positive connections via barrier block

Wherever an audio distribution amplifier is needed, the ST-DA3 is the ideal choice. Use the ST-DA3 combined with other RDL RACK-UP[®], STICK-ON, TX[™], or FLAT-PAK[™], RCX[™] series products as part of a complete audio/video system.



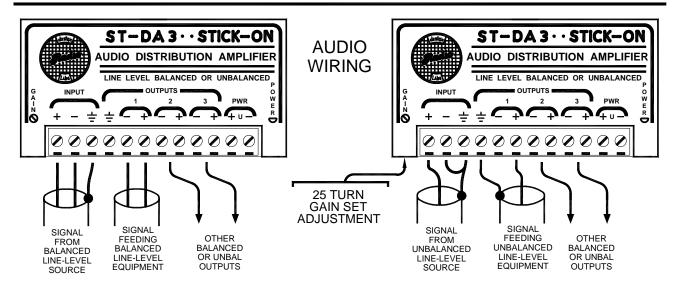
STICK-ON® SERIES

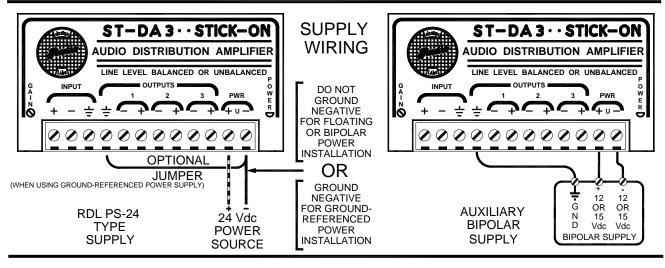
Model ST-DA3 Distribution Amplifier

Installation/Operation

EN55103-1 E1-E5; EN55103-2 E1-E4

Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product. Specifications are subject to change without notice.





TYPICAL PERFORMANCE

20 k Ω balanced or unbalanced Input: -15 dBV to +21 dBu (for +4 dBu output) Input Signal:

Maximum Input Level: +24 dBu

Outputs (3): 150 Ω balanced or 75 Ω unbalanced

Output Signal:

Balanced: +4 dBu nominal

Unbalanced: 6 dB below balanced line-level

Maximum Output Level: +25 dBu

Frequency Response: 10 Hz to 100 kHz (+/- 0.05 dB) < 0.002% (unity gain)

THD+N:

Noise below +4 dBu: < -98 dB (unity gain) Headroom:

Indicator:

IMD: Gain: CMRR:

Power Requirement:

Dimensions:

> 20 dB (above +4 dBu)

< 0.003% (unity gain) Unity +/- 17 dB (adjustable) > 60 dB (50 Hz to 120 Hz)

Red LED power indicator 24 to 33 Vdc @ 70 mA,

Ground-referenced or Floating Width: 3.00 in.

7.62 cm 3.94 cm 1.55 in. Depth: 1.65 cm Height: 0.65 in.