



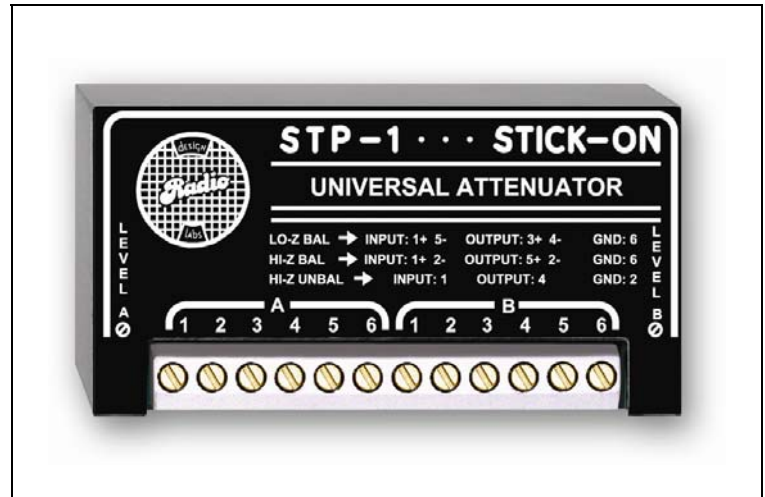
**RDL**<sup>®</sup>  
Radio Design Labs

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

## STICK-ON<sup>®</sup> SERIES Model STP-1 Dual Variable Attenuator

### ANYWHERE YOU NEED...

- To Reduce Audio Level
- To Feed Audio Into Equipment
- To Preset Audio Levels
- To Precisely Match Audio Levels
- To Prevent Input Overload
- To Increase Audio Input Headroom



### *You Need The STP-1!*

**APPLICATION:** The STP-1 is part of a group of products in the STICK-ON series, designed by Radio Design Labs. The durable bottom adhesive permits quick, permanent or removable mounting nearly anywhere or it may be used with RDL's racking accessories. The STP-1 is a convenient attenuator pad that can be located at the precise location that attenuation is needed without the normal unsightly twisted-resistor pads that are all so common. Some features of the STP-1 are:

- Permits precise calibration of all levels in your audio system
- 2 attenuators provided in each STP-1
- Multi-turn trimmers for precise adjustment
- Very wide range of attenuation; from speaker level inputs to mic outputs
- Operates with balanced or unbalanced inputs/outputs
- No lugs required for reliable connections
- Full operation in either high or low impedance circuits
- Attenuator pads totally self-contained; no jumpers to select or resistors to attach
- Allows the engineer to quickly, efficiently, attenuate any signal; cleanly, neatly, and with proper impedance match
- Recessed adjustment discourages tampering.

Whether you need to reduce the input level to a machine to improve headroom, feed a line level signal into a mic level input, or simply lower the level of an audio line to match your systems standard levels, the STP-1 is the simple and economic answer. Use the STP-1 combined with other RDL RACK-UP<sup>®</sup>, STICK-ON, TX<sup>™</sup>, or FLAT-PAK<sup>™</sup> series products as part of a complete audio/video system.

# STICK-ON<sup>®</sup> SERIES

## Model STP-1

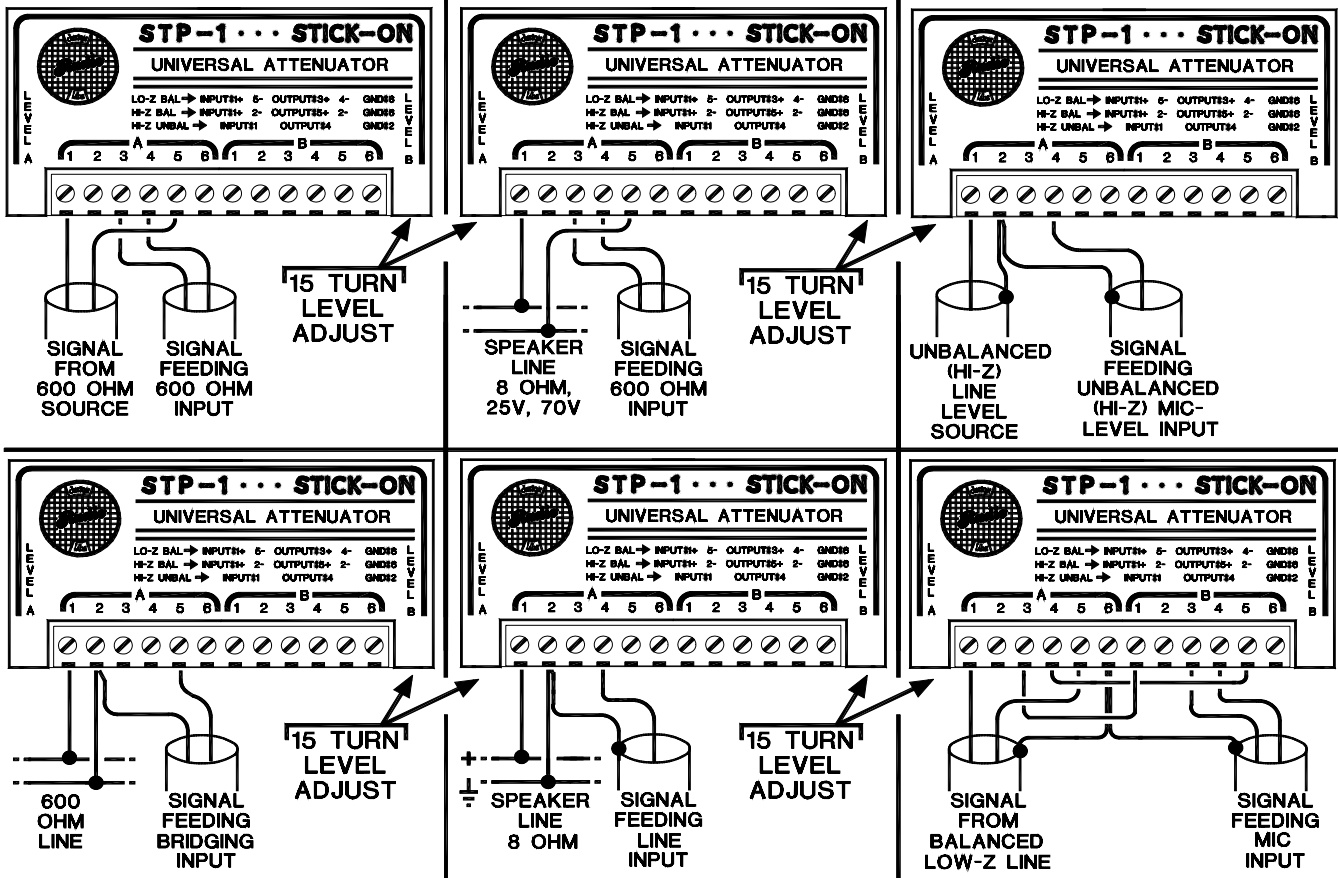
### Dual Variable Attenuator

## 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 ATTENUATION

Operating Impedance:  
Circuit Type:  
Adjustment:  
Connections:  
Maximum Signal Inputs:

Reference Levels:

Mounting:

Power Requirement:

Hi-Z balanced line: Adjustable 1 dB to 85 dB  
Lo-Z balanced Line: Adjustable 5 dB to 35 dB  
Hi-Z unbalanced Line: Adjustable 1 dB to 85 dB  
Hi-Z 10 kΩ, Lo-Z 600 Ω  
Passive modified H and T pads  
Screwdriver trimming adjustment, 15 turns continuous  
Terminal block accepts 14 to 30 gauge wire; no lugs required.  
Hi-Z balanced line: +33 dB 35 V rms  
Lo-Z balanced line: +27 dB 18 V rms  
Hi-Z unbalanced line: +35 dB 45 V rms

Line level is -10 to +10 dB  
Mic level is -65 to -45 dB  
0 dB = 0.775 V rms into specified load

Bottom surface adhesive (peel off protective strip) permits quick, permanent or removable mounting nearly anywhere or it may be used with RDL's racking accessories.  
Passive (not required)

Radio Design Labs Technical Support Centers

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