



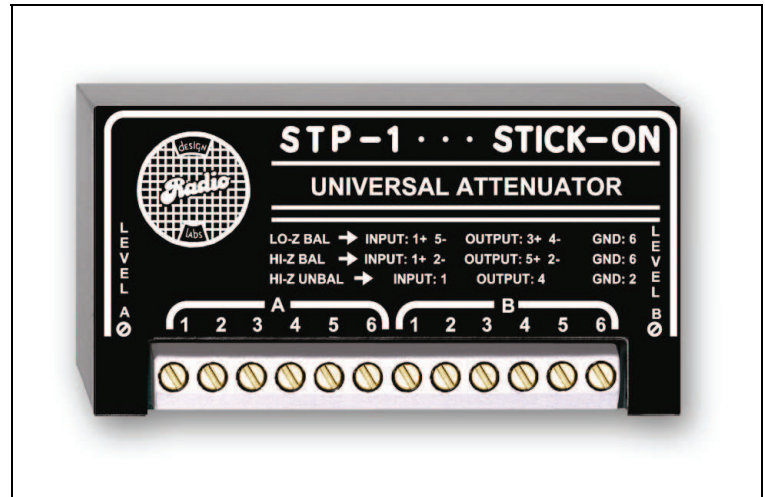
**RDL**<sup>®</sup>  
Radio Design Labs

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

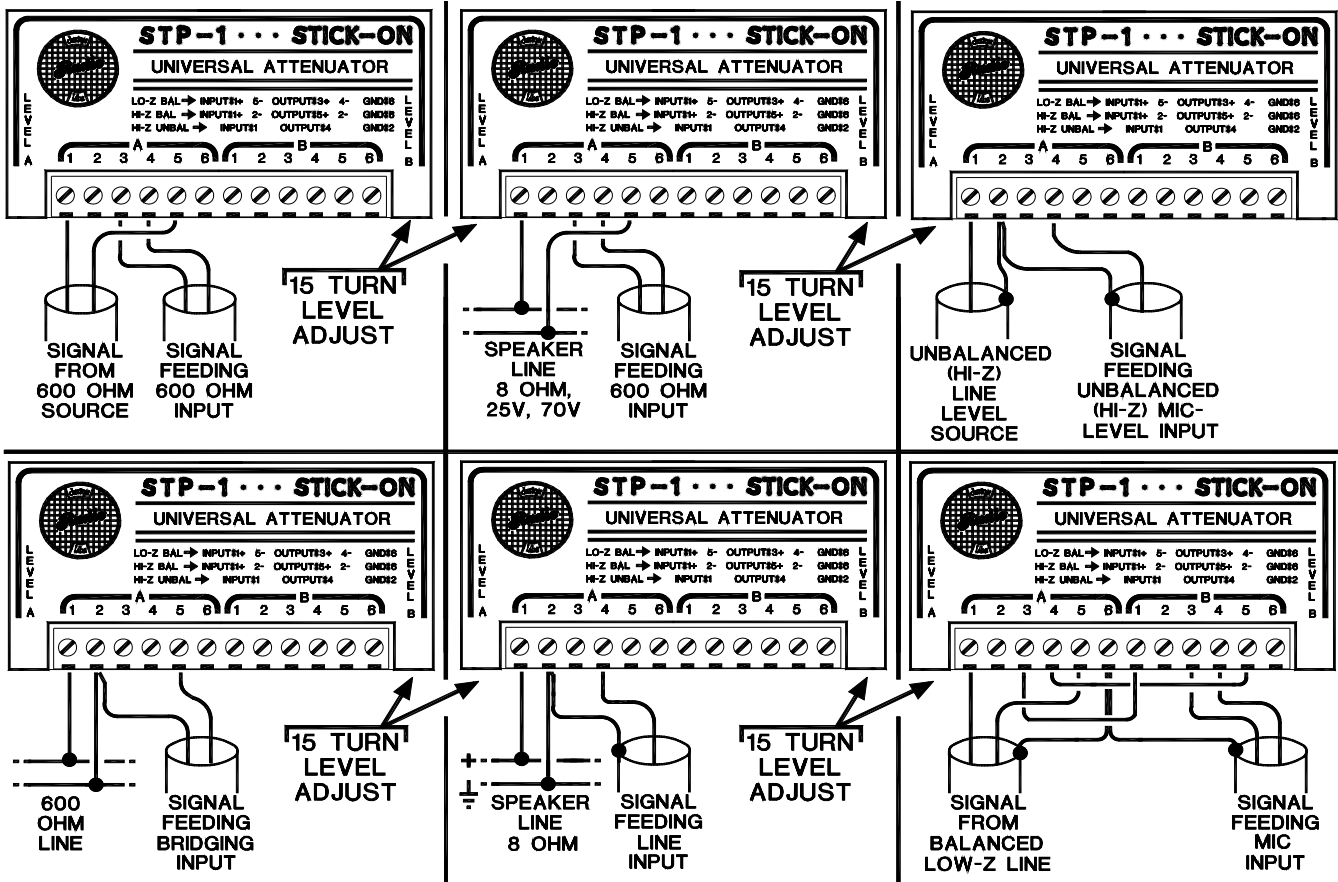
## Model STP-1

### 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

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

Operating Impedance:  
Circuit Type:  
Adjustment:

Hi-Z 10 k $\Omega$ , Lo-Z 600  $\Omega$   
Passive modified H and T pads  
Screwdriver trimming adjustment, 15 turns continuous  
Balanced: Counter-clockwise adjustment increases attenuation  
Unbalanced: Clockwise adjustment increases attenuation  
Terminal block accepts 14 to 30 gauge wire; no lugs required.

Connections:  
Maximum Signal Inputs:

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

Reference Levels:

Line level is -10 to +10 dB  
Mic level is -65 to -45 dB  
0 dB = 0.775 V rms into specified load  
Passive (not required)

Power Requirement: