



RDL® Radio Design Labs®

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

STICK-ON® SERIES

Model STP-1

Dual Variable Attenuator

ANYWHERE YOU NEED...

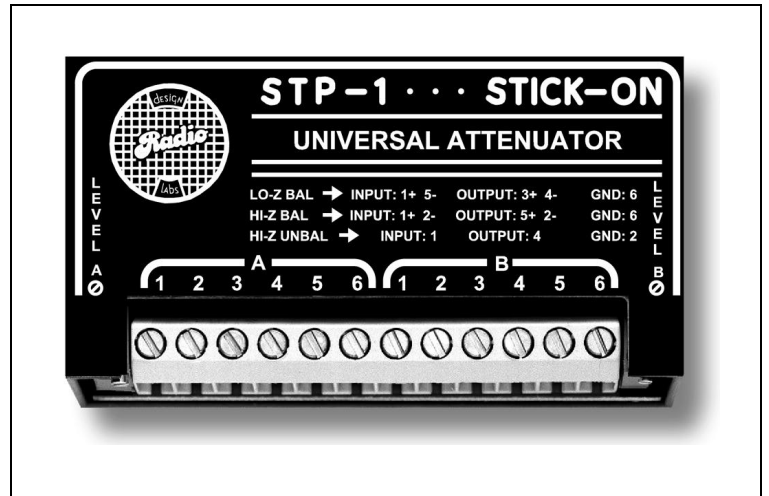
- To Reduce Audio Level
- To Feed Audio Into Equipment
- To Preset Audio Levels
- To Precisely Match Audio Levels
- To Prevent Input Overload
- To Increase Audio Input Headroom

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 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.





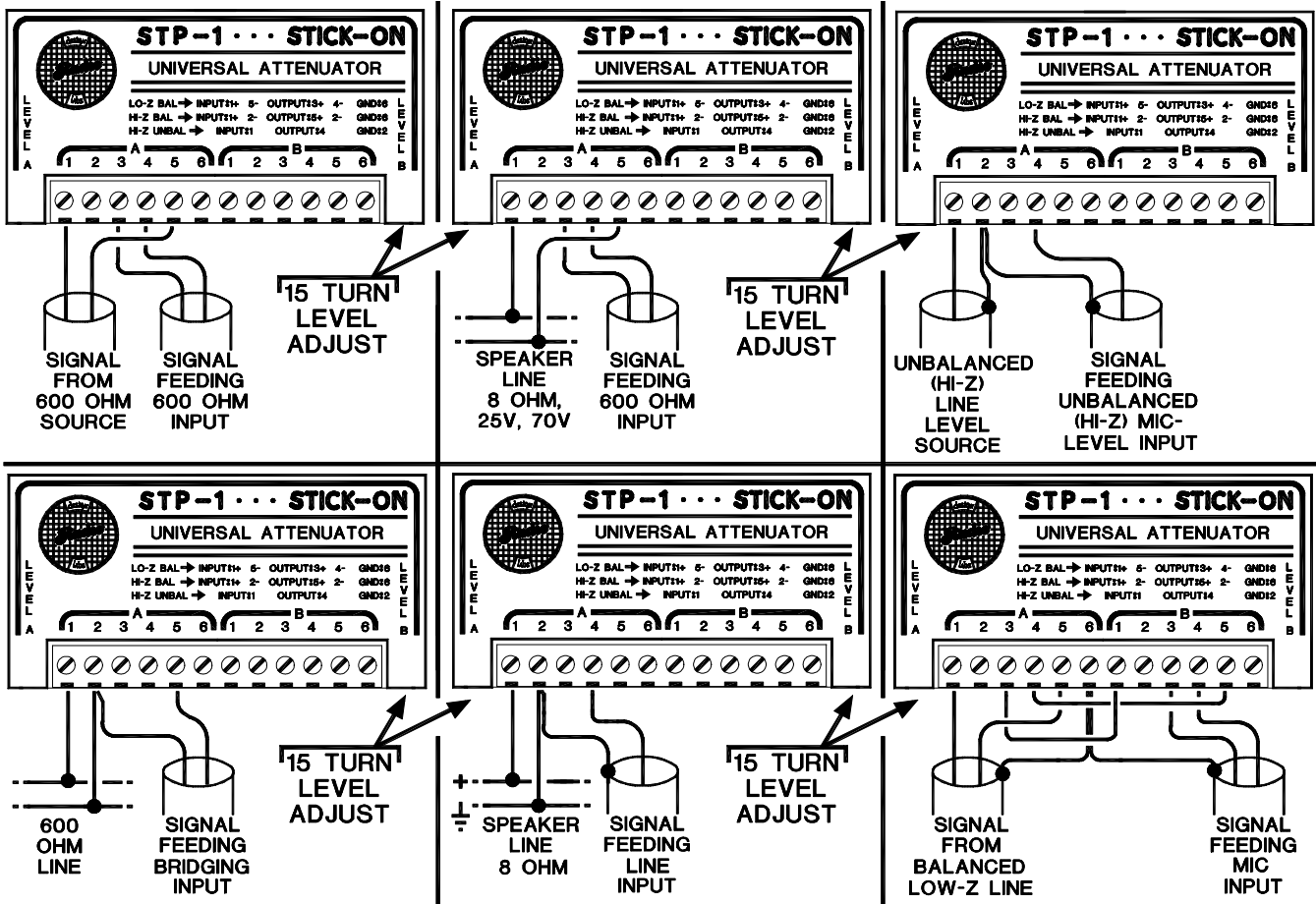
STICK-ON® SERIES

Model STP-1 Universal 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:

Lo-Z balanced Line:

Hi-Z unbalanced Line:

Hi-Z 10 k Ω , 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)

Passive (not required)

Adjustable 1 dB to 85 dB

Adjustable 5 dB to 35 dB

Adjustable 1 dB to 85 dB