



**RDL**® Radio Design Labs®

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

## STICK-ON® SERIES

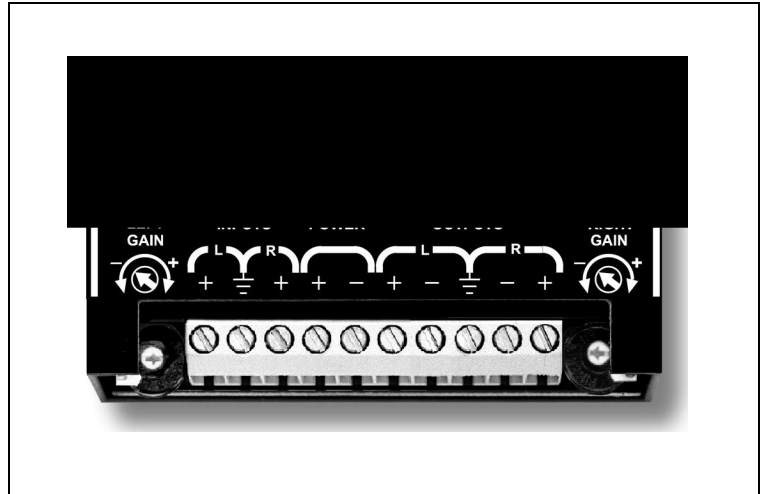
### Model ST-PH1

### Phono Preamp

#### ANYWHERE YOU NEED A...

- Stereo or Mono Phono Preamp
- Preamp with Balanced or Unbalanced Output
- Preamp with Hi or Low-Impedance Output
- Accurate, Low Noise Preamp

#### **You Need The ST-PH1!**



The ST-PH1 is part of a group of products in the STICK-ON series from Radio Design Labs. The durable bottom adhesive permits quick, permanent or removable mounting nearly anywhere or it may be used with RDL's STR-19A or STR-19B racking adapter for rack mounting! The ST-PH1 gives you the advantages of a high quality, low-noise phono preamp with a big plus, you can put it where you need it!

The ST-PH1 is a stereophonic phono preamp. Each of the channel circuits is identical. The ST-PH1 has standard 47 kΩ impedance unbalanced phono cartridge inputs. Each output drives either a balanced or unbalanced line. Equalization follows the RIAA curve.

The output is capable of driving into either high or low impedance loads. The output may be connected either balanced or unbalanced. The ST-PH1 features superior circuitry, which produces the unsurpassed pure clarity for which Radio Design Labs products are known! Some features are:

- Input matched to standard cartridges used in the industry.
- Impeccable audio quality.
- Ultra-low distortion and noise.
- Output levels adjustable (Independent adjustment for left and right channels).
- Ample headroom at operating level.
- Outputs short circuit protected.
- Positive connections via barrier block, no audio connectors to wire.

Although some equipment has phono inputs, optimum system performance is obtained when phonographs are preamplified as close to the turntable as possible, and then the line level signals are fed to the next piece of equipment in the chain. The convenience of the ST-PH1 is ideal for all such applications!

Anywhere you need a preamplified phonograph signal, the ST-PH1 is today's simple, no-compromise, cost-effective solution!



# STICK-ON® SERIES

## Model ST-PH1

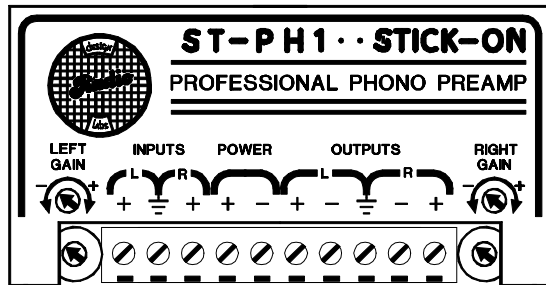
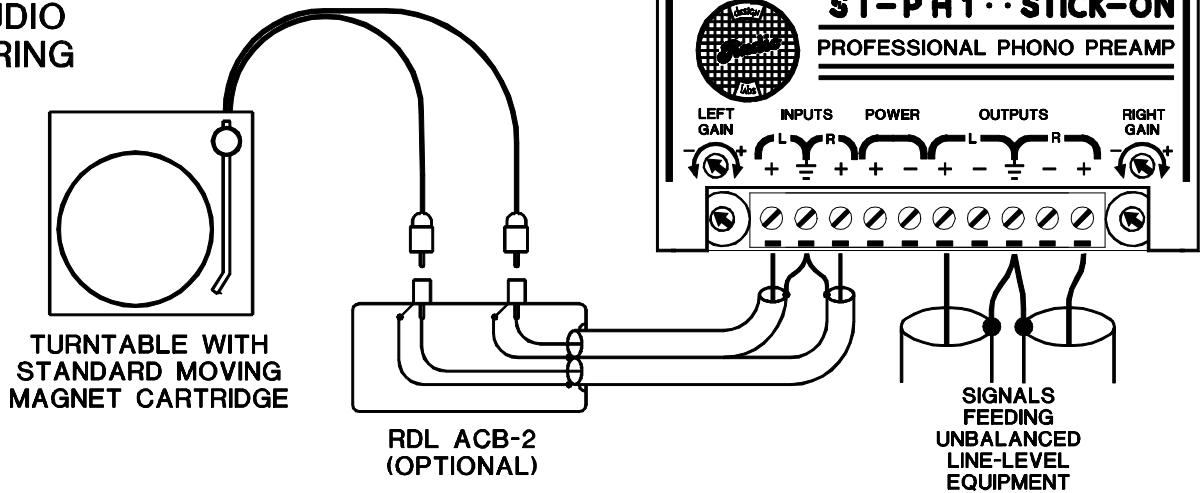
### Stereo Phone Preamplifier

## Installation/Operation

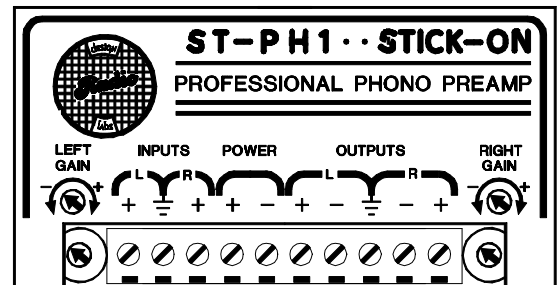


EN55103-1 E1-E5; EN55103-2 E1-E4  
 Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product. Specifications are subject to change without notice.

### AUDIO WIRING



### SUPPLY WIRING



### TYPICAL PERFORMANCE

Inputs:	47 kΩ unbalanced.
Gain (1 kHz):	50 dB (adjustable +/-10 dB)
Output:	300 Ω to drive low or high impedance balanced or unbalanced lines
Output Signal:	Balanced: +4 dBu nominal, adjustable Unbalanced: 6 dB below balanced line level
Total Harmonic Distortion:	< 0.03% Hi-Z load; < 0.015% 600 Ω load. (10 Hz to 30 kHz)
Frequency Response:	RIAA curve
Noise below +4 dBu:	< -75 dB
Headroom above +4 dBu:	18 dB
Supply Input:	24 to 33 Vdc @ 60 mA, Floating