



RDL® Radio Design Labs®

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

STICK-ON® SERIES

Model ST-PH1

Phono Preamplifier

ANYWHERE YOU NEED...

- Stereo or Mono Phono Preamplifier
- Preamplifier with Balanced or Unbalanced Outputs
- Preamplifier with Hi or Low-Impedance Outputs
- Accurate, Low-Noise Preamplification
- Ground-Referenced or Floating Power
- RDL SupplyFlex™ Power Input Configuration



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 adhesives provided permit permanent or detachable 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 preamplifier with a big plus, you can put it where you need it!

The ST-PH1 is a stereophonic phono preamplifier. Each of the channel circuits is identical. The ST-PH1 has standard 47 k Ω impedance unbalanced phono cartridge inputs. Each output will drive a high or low-impedance balanced or unbalanced line. Equalization follows the RIAA curve.

The power supply input may be fed from a floating (not ground-referenced) 24 Vdc power source, from a bipolar power supply (+/-12 Vdc or +/-15 Vdc), or from a ground-referenced 24 Vdc power supply. A switch on the module is used to select the power configuration.

The ST-PH1 features superior circuitry for low-noise, low-distortion, and exceptional audio clarity. Some features are:

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

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. Audio performance and mounting convenience make the ST-PH1 ideal for a wide range of turntable installations!



STICK-ON® SERIES

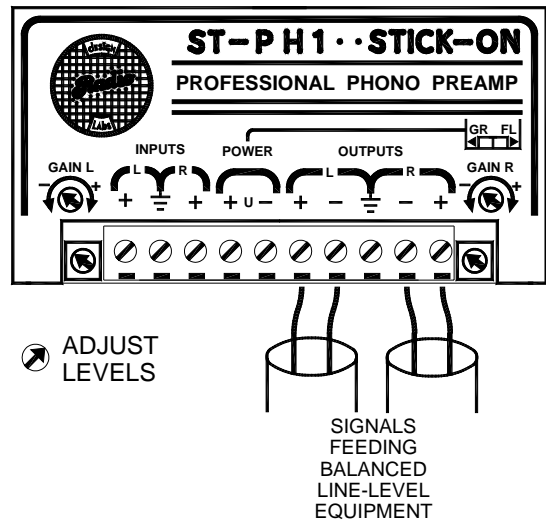
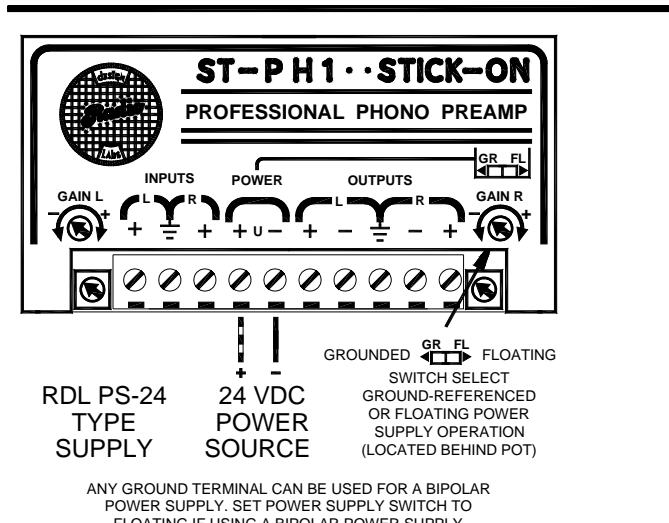
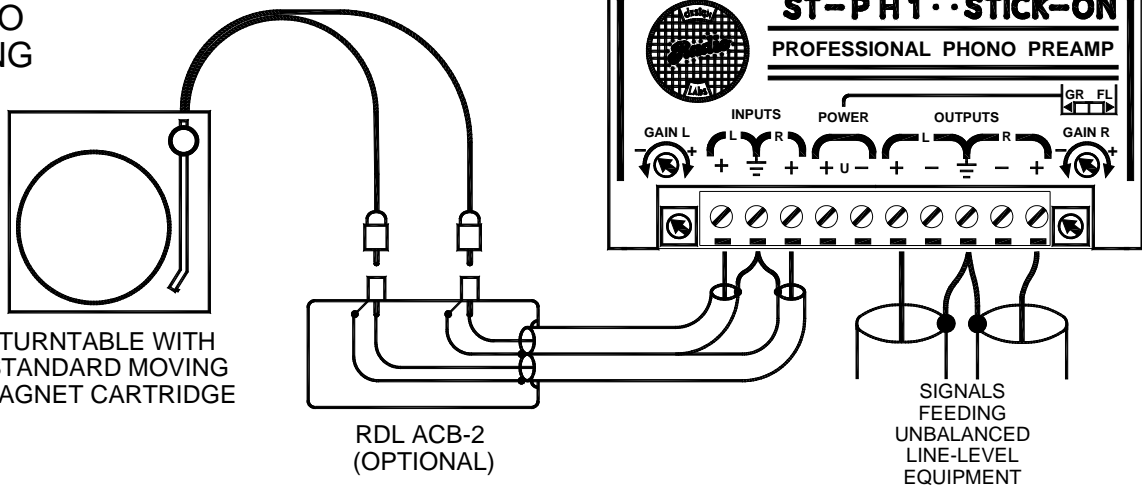
Model ST-PH1

Stereo Phono Preamplifier

Installation/Operation

CE 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



TYPICAL PERFORMANCE

Inputs:	47 kΩ unbalanced
Gain:	40 to 60 dB @ 1 kHz (adjustable)
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
THD:	< 0.03% Hi-Z load; < 0.015% 600 Ω load. (10 Hz to 30 kHz)
Frequency Response:	RIAA curve
Noise:	< -75 dB below +4 dBu
Headroom:	18 dB above +4 dBu
Power Requirement:	24 to 33 Vdc @ 60 mA, Ground-referenced or Floating