STICK-ON® SERIES
Model ST-PA2
Utility Power Amplifier

ANYWHERE YOU NEED...
- Up to 2 Watts RMS into 8 Ω
- Up to +12 dBu into 600 Ω
- Quality Utility Amplifier
- Intercom Driver
- Music-On-Hold Driver

You Need The ST-PA2!

The ST-PA2 is a utility power amplifier in the convenient line of STICK-ON products from 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 ST-PA2 gives you the advantages of a utility amplifier with the added convenience of STICK-ONs!

The ST-PA2 represents the second-generation in RDL’s breakthrough in the traditional power vs. size ratio. Present technology permits features and performance at the most economical cost ever. The ST-PA2 offers 2 Watts of power, twice the power of most utility amplifiers, for a price you would expect to pay for 1 Watt!

APPLICATION: The ST-PA2 features a single, unbalanced audio input, a gain control, and two outputs. The first output is designed to deliver a clean 2 Watts RMS into an 8 Ω speaker. The second output is intended to drive 600 Ω transformers, typically on equipment inputs. This makes the ST-PA2 uniquely suited applications such as music-on-hold inputs on telephone systems, which may have either 8 Ω or 600 Ω inputs. If desired, both outputs may be used at the same time.

The convenience and low cost of the ST-PA2 make it the ultimate choice as a building block in many systems, from simple to complex. It may be used in combination with other STICK-ONs to form custom intercoms or talk-back systems, or can be used by itself to drive a single speaker with music or voice. For either straightforward or creative applications requiring a utility power amplifier, the ST-PA2 is the optimum choice!

Note: The ST-PA2 is not intended to drive long 600 Ω audio lines or multiple equipment inputs. For these applications, see the STA-1 (stereo), the STA-1M (mono), or the ST-DA3 (distributed). If balanced audio input is required, see the ST-PA6 audio power amplifier.
STICK-ON® SERIES
Model ST-PA2
2 Watt Power Amplifier

TYPICAL PERFORMANCE
Input Configuration: Unbalanced 10 kΩ
Input Level: -15 dBV minimum (for rated power output)
-20 dBV minimum (for 1 watt RMS into 8 Ω)
Frequency Response: 35 Hz to 30 kHz (8 Ω +/- 1.5 dB)
20 Hz to 30 kHz (600 Ω +/- 0.5 dB)
THD+N: < 0.75% (0.5 % typical)
Noise: < -80 dB (8 Ω @ 2 W RMS)
< -70 dB (600 Ω, referred to +4 dBu)
Outputs (2): 1 @ 8 Ω, 2 watts RMS maximum
1 @ 600 Ω, +12 dBu maximum
Power: 24 to 33 Vdc @ 150 mA, Ground-referenced

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.

Radio Design Labs Technical Support Centers
U.S.A. (800) 933-1780, (520) 778-3554; Fax: (520) 778-3506
Europe [NH Amsterdam] (+31) 20-6238 983; Fax: (+31) 20-6225-287