

**Product Guide****A 4905** Mic/Line Pre-Amplifier to Line Level Out Converter

# A 4905 Mic/Line Pre-Amplifier to Line Level Out Converter

**Overview**

Accepts either a microphone or auxiliary input and converts it to a balanced high level signal, suitable for distribution up to 500m. Up to 3V of output level available. Volume controls are provided for both inputs plus a master output level. Balanced XLR input plus auxiliary input dual RCA input. DIP switch selector allows for balanced 1.5mV or line level 200mV, 500mV or 1V inputs. The output is via a male 3 pin XLR.

**Key Features**

- ✓ **Australian made**
- ✓ **10 year manufacturer warranty with local product support**
- ✓ XLR Mic input
- ✓ RCA Aux input
- ✓ XLR balanced output
- ✓ Phantom power to Mic Input (15V DC)
- ✓ Controls for AUX, MIC and master volume
- ✓ DIP Switch selectable AUX input sensitivity
- ✓ 24VDC operation via 2.1mm DC power jack

**About Redback® Public Address Products**

**Redback® products are proudly designed, engineered and manufactured in Australia.**

Each unit is covered by a comprehensive 10 year parts and labour warranty. Redback® offers rock solid reliability from over 30 years experience in the commercial sound industry. Redback® offer locally available servicing and parts, plus the ability to offer feedback direct to the manufacturer.

## Product Guide

**A 4905** Mic/Line Pre-Amplifier to Line Level Out Converter



### Front Panel



### Rear Panel



1 LED Power indicator	5 DIP switch settings legend	9 Microphone volume adjustment
2 XLR 3 pin microphone input	6 XLR 3 pin high level balanced output	10 24V DC power input socket
3 Auxillary sensitivity DIP switches	7 Master volume adjustment	
4 Stereo RCA auxillary line input	8 Auxillary volume adjustment	

### Specifications

Power:	24V DC Input (2.1mm)
Max current draw:	40mA @ 24V
Frequency response:	30Hz to 10KHz ( $\pm 0.5$ dB)
Noise:	> -50dB
Controls:	Master, Mic and Aux volume
Weight:	$\approx 240$ gm
Dimensions:	$\approx 133$ W x 65D x 44H mm
Colour:	Black

#### Input

XLR (Microphone):	Reference level, 1.5mV
RCA (Aux):	DIP switch selectable level (Nominal: 0.2V, 0.5V, 1V)
Mic input impedance:	600 $\Omega$ Balanced
Line input impedance:	10k $\Omega$

#### Output

Connection:	Balanced 3V XLR (8.5V p-p)
Output load required:	600 $\Omega$ nominal, balanced
Output level:	+15dBm

### Connections

Input	Balanced / Unbalanced
	Stereo RCA auxiliary input 3 Pin XLR microphone input
Outputs	Balanced
	3 Pin XLR low or high level output



Made in Australia by Altronic Distributors Pty. Ltd.

Ph: 1300 780 999 Fax: 1300 790 999 Internet: [www.altronics.com.au](http://www.altronics.com.au)

© 2016 Altronic Distributors Pty. Ltd. Specifications subject to change without notice. E&OE. Revision date: 27/09/2016.