



Operating Manual

A 4915 2 Input Mixer With VOX/PTT Muting

2.0 OVERVIEW

The A 4915 is a compact 2 input mixer which will accept either a line level signal or balanced microphone signal for each input. The output signal is suitable for feeding an amplifier with either a line level input or balanced microphone input. Input one will VOX mute input 2.

INPUTS AND OUTPUTS

Line level inputs and outputs are via stereo RCA sockets. Balanced microphone input and outputs are via 3 pin XLR.

OPERATION

Any signal applied to input one, will VOX mute any signal applied to input 2 when the VOX DIP switch is enabled. This is regardless of the type of signal i.e. line input signal feeding input 1 will VOX mute a mic input signal feeding input 2. When the VOX DIP switch is not enabled, signals present at input 1 and 2 are mixed.

CONTROLS

Individual tamper proof controls are provided for input 1 volume, input 2 volume and VOX switch sensitivity. 24V DC out is provided via a 2 way euro block when the VOX operates.

PHANTOM POWER

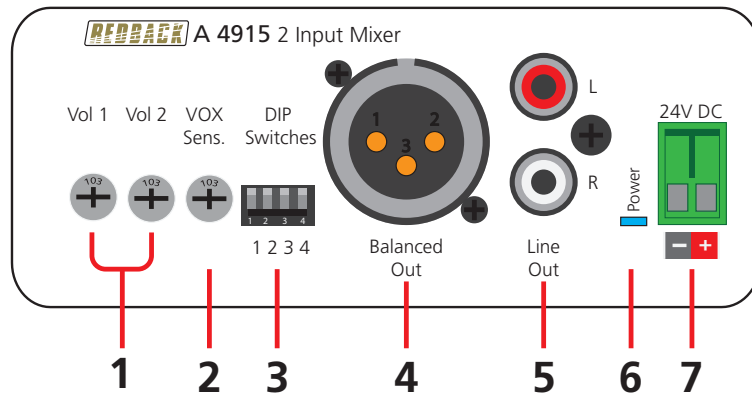
12V DC phantom power is always available to the hot and cold pins of the XLR microphone inputs.

SWITCHED 24V OUTPUT

24VDC output is turned on when both the 24V out and VOX activation DIP switches are in the ON position and the VOX circuitry has been activated.

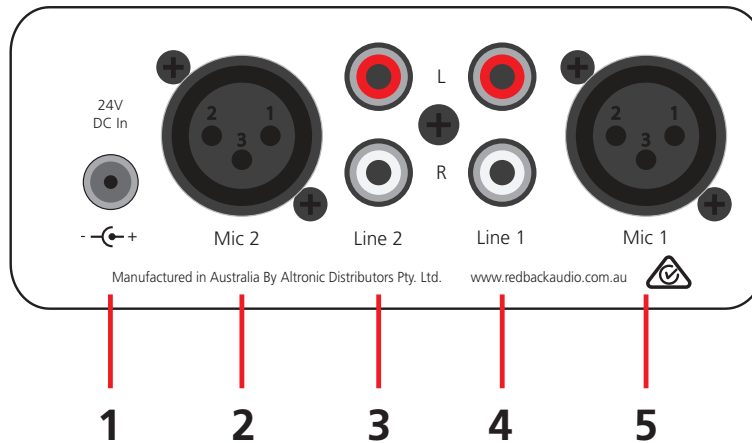
Redback® A 4915 2 Input Mixer with VOX/PTT Muting

3.0 A 4915 FRONT PANEL CONTROLS



- 1 Volume 1 & 2**
Adjusts output volume of each input.
- 2 VOX Sensitivity Adjustment**
Adjusts the sensitivity of the VOX muting circuitry.
- 3 DIP Switches**
DIP switch 1 set to ON for VOX activation.
DIP switch 2 set to ON to enable the 24V DC switched output.
DIP switch 3: Sets the Balanced Out level. Set to ON for Mic level and OFF for Line level.
DIP switch 4 not used.
- 4 Microphone Output**
A balanced output for connection to a balanced input on an amplifier/pre-amp.
- 5 Auxiliary Output**
A standard stereo RCA output for connection to an amplifier/pre-amp.
- 6 Power Indicator**
Indicates when the unit has power.
- 7 24V DC Output**
This output is enabled when DIP switch 2 selection for 24V is in the ON position.

4.0 A 4915 REAR PANEL INPUTS



- 1 24V DC Input**
Provides power to the unit via 2.1mm DC jack.
- 2 Microphone Input 2**
A balanced input for connection to balanced audio sources and microphones.
- 3 Auxiliary Input 2**
A standard stereo RCA input for connection to an audio source.
- 4 Auxiliary Input 1**
A standard stereo RCA input for connection to an audio source.
- 5 Microphone Input 1**
A balanced input for connection to balanced audio sources and microphones. A PTT connection is also provided for Push To Talk muting of input 2.