

A 4415 2 Input / 6 Output Audio Splitter



A 4415 Audio Splitter



OPERATING INSTRUCTIONS

Overview

Housed in a 1RU enclosure, this excellent design incorporates two inputs and six outputs. All inputs and outputs consist of a balanced 3 pin XLR and dual RCA sockets. Both input and output XLR's can be switch selected for either balanced microphone or balanced line levels.

Each input can be selected either on or off to any output via the front panel DIP switches. Level controls are provided for both inputs and all outputs. Individual LED VU meters are provided for each input. The versatility of the design allows for both inputs to accept either microphone, balanced line or auxiliary source signals to be fed to any output at either microphone, balanced line or auxiliary level. This allows great flexibility to the system designer. Ideal for routing common signals to six different zones or outputs in large installations, or for recording applications such as media press conferences and courtrooms. The system can also be powered from 24V DC in battery backup situations.

Features

- 2 inputs to 6 outputs
- Compact 1RU design
- 240V AC or 24V DC operation
- Any input switchable to any output
- Each input & output can be set up for balanced mic/line or aux
- Individual input/output level controls
- All settings can be made without lifting the lid
- LED VU meters for each input

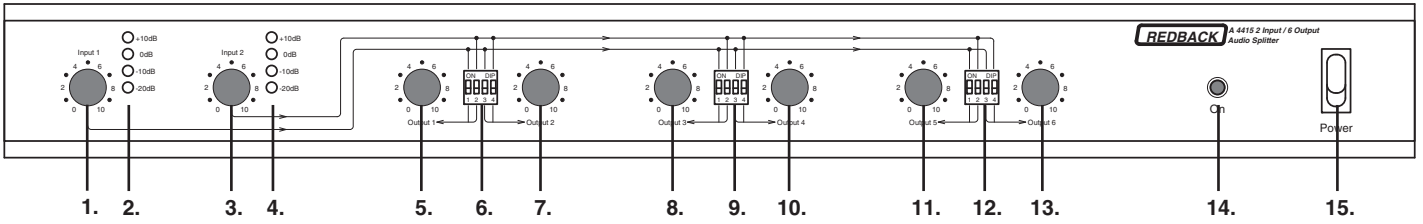
Specifications

Inputs:	.....2 XLR 3 pin balanced mic 600 Ω or switchable to balanced line 10k Ω 2 Line unbalanced dual RCA 10k Ω
Output:	.....6 XLR 3 pin balanced 50 Ω 6 Line unbalanced dual RCA 10k Ω
Controls:	.....2 input level controls 6 output level controls
Frequency response:	.....55Hz - 30kHz
S/N ratio:	.....Mic >60dB Line > 70dB
Indicators	.....power, input signal
Power supply:	.....240V AC or 24V DC
Dimensions:	.....482W x 210D x 44H mm
Weight:	.....\approx3 kg
Colour:	.....Black

Distributed by Altronic Distributors Pty. Ltd. Perth. Western Australia.
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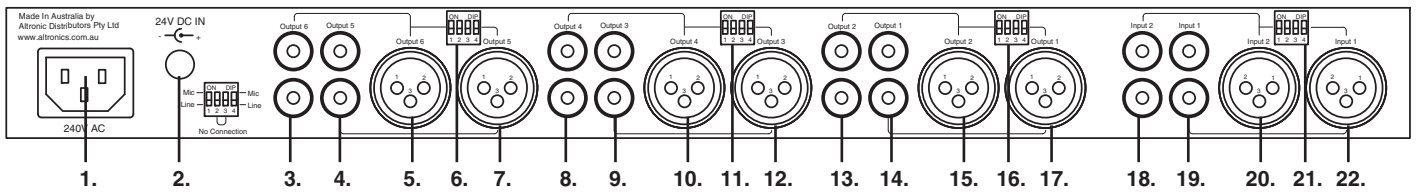
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FRONT PANEL

- | | | |
|------------------------------|-------------------------------|-------------------------------|
| 1. Input 1 level adjustment | 6. Output 1 & 2 DIP switches | 11. Output 5 level adjustment |
| 2. Input 1 VU meter | 7. Output 2 level adjustment | 12. Output 5 & 6 DIP switches |
| 3. Input 2 level adjustment | 8. Output 3 level adjustment | 13. Output 6 level adjustment |
| 4. Input 2 VU meter | 9. Output 3 & 4 DIP switches | 14. Power LED |
| 5. Output 1 level adjustment | 10. Output 4 level adjustment | 15. Power switch |



REAR PANEL

- | | | |
|---------------------------------|----------------------------------|----------------------------------|
| 1. 240V AC input | 9. Output 3 RCA line level | 17. Output 1 XLR 3 pin mic level |
| 2. 24V DC input | 10. Output 4 XLR 3 pin mic level | 18. Input 2 RCA line level |
| 3. Output 6 RCA line level | 11. Output 3 & 4 DIP switches | 19. Input 1 RCA line level |
| 4. Output 5 RCA line level | 12. Output 3 XLR 3 pin mic level | 20. Input 2 XLR 3 pin mic level |
| 5. Output 6 XLR 3 pin mic level | 13. Output 2 RCA line level | 21. Input 1 & 2 DIP switches |
| 6. Output 5 & 6 DIP switches | 14. Output 1 RCA line level | 22. Input 1 XLR 3 pin mic level |
| 7. Output 5 XLR 3 pin mic level | 15. Output 2 XLR 3 pin mic level | |
| 8. Output 4 RCA line level | 16. Output 1 & 2 DIP switches | |

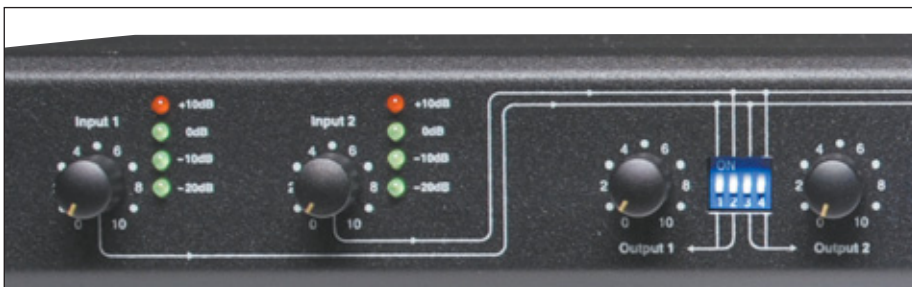


Figure 1: Front panel DIP switches relating to outputs 1 and 2.

DIP Switch Setup

The DIP switches on the front panel are used to route inputs 1 and 2 to all 6 outputs.

Figure 1 shows the DIP switches related to outputs 1 and 2.

In this example:

- Switch 1 will route input 1 to output 1
- Switch 2 will route input 2 to output 1
- Switch 3 will route input 1 to output 2
- Switch 4 will route input 2 to output 2



Figure 2: Rear panel DIP switches relating to outputs 1 and 2.

Any configuration can be used. ie inputs 1 and 2 can be routed to outputs 1 and 2 simultaneously.

Figure 2 shows the configuration for outputs 1 and 2 plus the DIP switch associated with these outputs.

This DIP switch allows each of the 6 outputs to be configured as either balanced microphone or balanced line level signal.

In this example DIP switch 1 will set output 2 to either XLR balanced or RCA balanced line level. DIP switch 4 will set output 2 to either XLR balanced or RCA balanced line level.

Figure 3 shows the configuration for all the DIP switches on the rear of the unit. Switches 2 and 3 have no connection.

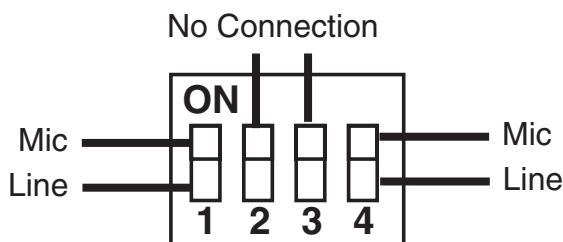


Figure 3: Rear panel DIP switch configuration. This is also printed on the rear of the unit for handy reference.

Power

The unit can be powered from a 24V DC source for use in battery backup installations. Connection is via 2.1mm DC socket..