



A 2387A

A 2387A 6 Zone 300W Speaker Switcher With Volume Control

Introduction

The A2387A is a high-power, dual-source, autoformer-based speaker selector. Dual source operation makes two different amplifiers/receivers drive selected speakers simultaneously. Each speaker pair has its own input selector, volume control and on/off switch. If using 4Ω or 8Ω speakers, the A2387A can automatically match any impedance.

Features

- Aluminium panel and pheonix terminal
- 300W total RMS continuous power handling
- Heavy duty transformer based impedance system protects against power loss
- Left and right channels are completely isolated for safe operation with any amplifier
- Quick connect terminals will accomodate 16AWG to 22AWG wire
- Can be connected to two different amplifiers via A/B switch
- Circuit breaker protected

4Ω Impedance Chart	
NUMBER OF SPEAKERS	IMPEDANCE
1	32.0 Ω
2	16.1 Ω
3	10.3 Ω
4	7.5 Ω
5	5.9 Ω
6	4.8 Ω

8Ω Impedance Chart	
NUMBER OF SPEAKERS	IMPEDANCE
1	55.0 Ω
2	28.9 Ω
3	19.1 Ω
4	14.7 Ω
5	11.7 Ω
6	8.0 Ω

Attenuation Switch Steps

The A 2387A has 9 steps,-33dB attenuation and frequency responses(30Hz-20KHz) which has ±2dB of deviation.

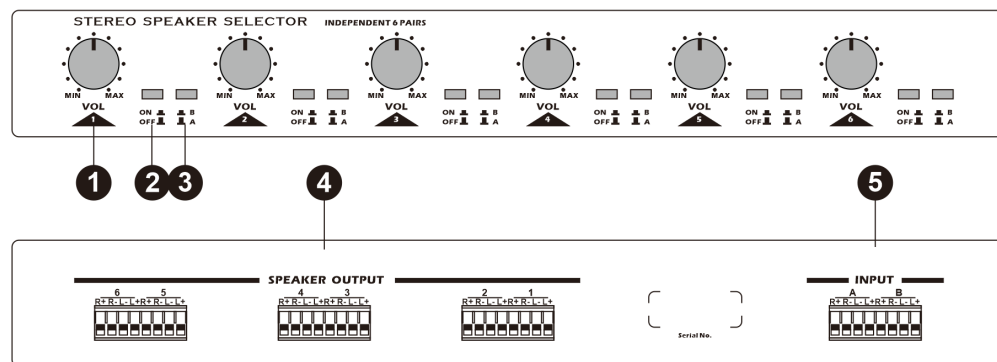
SWITCH STEPS	1	2	3	4	5	6	7	8	9
ATTENUATION	OFF	-33dB	-27dB	-21dB	-15dB	-9dB	-6dB	-3dB	0dB

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Operating Instructions



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Front Panel Controls

1. Volume Control
2. Zone On/Off Control
3. Source A/B Selector
4. 6 Zones Speaker Output
5. Input Source A/B

Connection

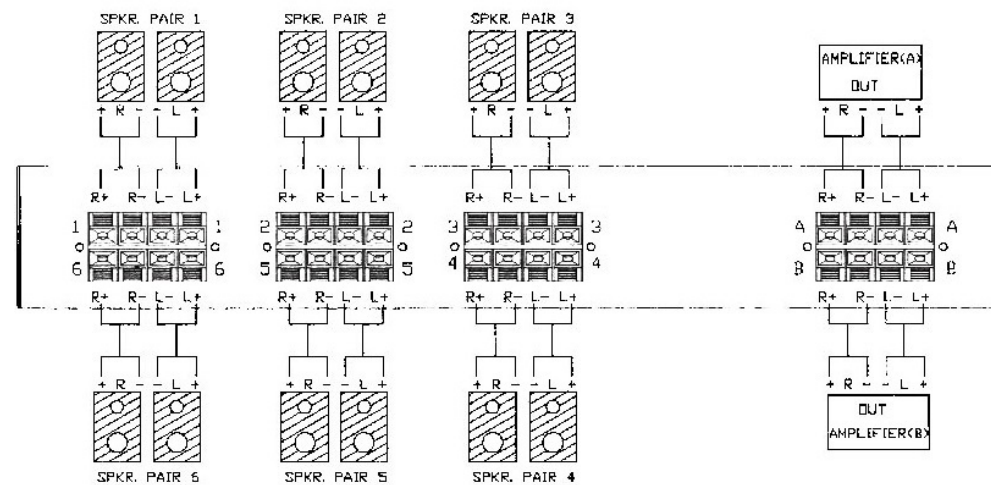
The A 2387A accepts wire from 16-22AWG wire. Simply connect the amplifiers' output to the 'Amp A' and 'Amp B' connections on the A 2387A, following polarity from the output of the amplifier to the input of the speaker selector (+ to +, - to -). Connect the speakers to the output of the speaker selector, again being sure to follow the polarity.

Operation

To operate the A 2387A, simply turn on your amplifiers and select a source for each amplifier. At the speaker selector, turn on your selected pair of speakers and select 'Amp A' or 'Amp B'. Set the volume by rotating the control clockwise to increase volume or counter-clockwise to decrease volume. The A 2387A will allow you to operate any combination of speakers selected to amplifier A or B, and switch ON/OFF independently.

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Wiring Diagram



Safety Instructions

- Do not expose this unit to water, moisture, or excessive humidity.
- Do not install or place this unit in a built-in cabinet, or other confined space without adequate ventilation.
- To prevent risk of electrical shock or fire hazard, due to overheating do not obstruct unit's ventilation openings.
- Do not install near any source of heat including other units that may produce heat.
- Do not place unit near flames.
- Only clean unit with a dry cloth.
- Use unit only with accessories specified by the manufacturer.
- Refer all servicing to qualified personnel.

CAUTION

**TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**