



AES4 4" Amplified Extension Speaker

Thank you for your choice of Speco Technologies' **AES4** Amplified Speaker. This unit is designed and manufactured to provide an economical solution to the traditional amplifier and speaker setup. The sturdy ABS construction and power up to 18W max ensure a long and versatile life.

DESCRIPTION

The **AES4** utilizes an integrated circuit (IC) for providing the necessary gain to raise a low audio input signal (approximately 1/8 Watts) to at least 10 Watts output. 16 Watts of audio can be obtained with less than 10% distortion. A DC voltage source supplying 10 to 16 Volts at 1.5 Amperes is required to provide the proper power to the unit. The unit's power leads have an in-line fuse holder containing a 2 Ampere fuse for short circuit or overload protection. In addition, the unit has built-in protection against reverse polarity of the power leads.

INSTALLATION INSTRUCTIONS:

- 1) The **AES4** is constructed with an indexing, metal mounting bracket.
- 2) Loosen the knobs connecting the metal bracket to the speaker and remove.
- 3) The bracket contains an opening to secure to the mounting surface with screws (included). It is advised to secure the bracket before connecting the speaker.
- 4) Reconnect the bracket to the speaker, tilt the speaker to the desired angle, and tighten the knobs to lock the speaker at the desired angle.
- 5) The DC power leads should be connected to a switched power source since the unit draws up to 200 milliamperes, even when no audio signal is present.
- 6) The 3.5mm jack should then be connected to your desired audio source.
- 7) Volume is set and controlled from the source.

SPECIFICATIONS:

- Input Impedance: 3-16 Ohms
- Input Audio Level: 1.5 VPP, Max.
- Audio Output Power: 18 W Max., 10 W RMS
- Audio Output Distortion: 10% or less at 16W output
- Speaker Impedance: 4 Ohms
- Supply Voltage Range: 10-16V DC
- Current Draw: @13.8V DC
 - Standby (No Audio Input): 200MA, Max.
 - 16 W Output: 1.5A, Max
- Fuse: 2 Amp



Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation.

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