



ASPC20 6" Amplified PA Horn Speaker

Thank you for your choice of Speco Technologies' **ASPC20** Amplified PA Horn. This unit is designed and manufactured to provide an economical solution to the traditional amplifier and speaker setup, and is especially useful for external mobile audio installations. The sturdy ABS construction and power up to 20W max ensure a long and versatile life.

DESCRIPTION

The **ASPC20** utilizes an integrated circuit (IC) for providing the necessary gain to raise a low audio input signal (approximately 1/8 Watts) to at least 10W output. 16W of audio can be obtained with less than 10% distortion. A DC voltage source supplying 10 to 16 Volts at 2 Amperes is required to provide the proper power to the unit.

INSTALLATION INSTRUCTIONS:

- 1) The **ASPC20** is supplied with a variable position metal mounting bracket.
- 2) Loosen the bolts connecting the metal bracket to the speaker and remove the assembly.
- 3) The bracket contains three 5/16" openings to secure to a mounting surface with screws. 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 bolts 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 300 milliamperes, even when no audio signal is present. Therefore, in a mobile application, there would be a connected draw on the vehicles battery.
- 6) Connect the **ASPC20** to the audio source and power as indicated on the rear label of the unit.
- 7) Control volume by inserting a flat screwdriver into the inset screw on the back and twisting left and right.

WIRING:

Signal in: Gray/Black (+), Gray (-)
DC12V: Red (+), Black (-)

SPECIFICATIONS:

- Input Impedance: 3-16 Ohms
- Input Audio Level: 1.5 VPP, Max.
- Audio Output Power: 20W Max., 10W RMS
- Audio Output Distortion: 10% or less at 16W output
- Speaker Impedance: 4 Ohms
- Supply Voltage Range: 10-16V DC (not included)
- Current Draw: @13.8V DC
 - Standby (No Audio Input): 300MA, Max.
 - 20 W Output: 2A, Max



WARRANTY INFORMATION:

We warrant this product to be free from any manufacturing or material defects for two (2) years from the date of purchase.

This warranty will not extend to any products which have been subjected to misuse, neglect, accident, or improper installation, used in violation of instructions furnished by us; or to units which have been repaired or altered outside of the factory. This limited warranty does not apply to broken cases, batteries, or other physically damaged parts. If a Speco Technologies product is purchased from an unauthorized distributor or other source, including RETAILERS, MAIL ORDER SELLERS and ONLINE SELLERS, it will not be honored or serviced under existing Speco Technologies warranty policy. Any sale of products by an unauthorized source or other manner not authorized by Speco Technologies will void the warranty on the applicable product.

Upon request by customer, Speco Technologies ("The Company") will, at customer's expense, repackage merchandise in new cartons, replace missing accessories, and return in resalable condition. Unless requested, the company will replace and return all merchandise in the packaging in which it was received. This warranty is in lieu of all expressed warranties, expressed or implied, and of all obligations or liability on our part, and we neither assume nor authorize any representative or other person to assume for us any obligation or liability. In no event shall we be liable for incidental or consequential damages arising from the use of the product, or for any delay in the use of this product due to causes beyond our control. Some states do not allow limitations of how long an implied warranty lasts and/or do not allow the exclusion or limitation of consequential damages. The above limitations on implied warranty and consequential damages may not apply to you. This warranty gives you specific legal rights. You may have other rights which vary from state to state. This limited warranty extends to products listed in the company's current price schedule.

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.

Speco Technologies . 200 New Highway . Amityville . NY . 11701 . www.specotech.com