



# AH212 Series

## 3-Way Stadium Horn Systems



AH42-212

AH94-212

### Features

- 3-Way Design
  - High Pass Single 1" High Frequency Exit Compression Driver
  - Single 1.5" Midrange Exit Compression Driver
  - Low Pass Dual 12" Cast Frame Woofers
- 750 Watts RMS Power Handling (Full Range)
- Weather Resistant Connection Via a Convenient Recessed Terminal Block Located on the Bottom of the Loudspeaker
- 8Ω Nominal Impedance
- Seven, 10mm Internally Reinforced Forged Eyebolts Included for Suspended Installation

### Application

Atlas Sound model AH212 stadium horns are ideal for directional sound distribution where full range reproduction, maximum intelligibility, and high sound pressure levels are required.

- Football Stadiums
- Sports Arenas
- Baseball Fields
- Convention Centers
- Auditoriums

### General Description

The Atlas Sound AH212 Series Stadium Horns include three models, AH42-212, AH66-212, and AH94-212, and are designed to deliver high sound pressure levels and high intelligibility across wide areas in directional sound applications. Each speaker system consists of a UV-resistant fiberglass enclosure and three-stage, corrosion resistant steel mesh filtering system that make them highly weather and pest resistant. Each model features a three way design with dual 12" woofers, a 1.5" exit compression driver midrange and a 1" exit high frequency driver that combine to provide 750 watts RMS power handling (in full range mode). A specially designed crossover provides frequency division and extensive driver protection for each band pass. All models are 8Ω impedance and can be easily bi-amped (LF/MF+HF) by removing the exterior jumper for use with high-powered systems where greater system control and protection is required. Suspension mounting is facilitated via multiple forged eyebolts.

### Installation

Drop forge eyebolts are pre-installed for suspension mounting via load rated wire rope. AH212 stadium horns include a weather resistant terminal block connector on the underside of the speaker for ease of hook-up. This terminal block includes the connection points for full range as well as for bi-amp operation.

### Specifications

Power Handling RMS (Full Range)	750 Watts
Power Handling RMS (BI-AMP)	800 Watts (Low Pass) 250 Watts (High Pass)
Recommended Crossover Points	LP @ 500Hz 18dB/Octave Minimum HP @ 2kHz 18dB/Octave Minimum
Sensitivity (1W/1m)	106dB (80Hz - 17kHz average)
Frequency Response	100Hz - 17kHz (-10 to +4dB)
Dispersion	
<b>AH42-212</b>	40° x 20°
<b>AH66-212</b>	65° x 65°
<b>AH94-212</b>	90° x 40°
Impedance	8Ω Nominal
Minimum Impedance	4.9Ω @ 80Hz
Drivers	
High Pass	1" Compression Driver
Midrange	1.5" Compression Driver
Low Pass	Dual 12" Woofers
Dimensions	
Height	32.53" (826.3mm)
Width	32.53" (826.3mm)
Depth	47.11" (119.7mm)
Weight	300 lbs (136.08kg)

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