NuVo®

NV-AP16RG, NV-AP16RS, NV-AP18RG, NV-AP18RS
Rock Speaker Installation Guide

Introduction

Congratulations on your purchase of the NuVo Rock speakers. Enjoying high quality sound outside is no longer a lifestyle for the rich and famous. The NuVo Rock speakers offer a very affordable and attractive highlight for any garden or patio area. While enjoying the outdoors, you can delight in your favorite music or just relax and listen to the game. Whatever your preference, the NuVo Rock speakers will provide years of outdoor music enjoyment.

Proper Placement of Your Rock Speakers

Ideally the speakers should be placed on either side of the targeted listening area with about 8 to 10 feet of separation. This will allow the best enjoyment of stereo audio. The speaker design allows them to be placed on the ground among garden plantings. Be careful when concealing the speakers not to cover the grill area with any substance or plantings that could impede the sound. Try to leave a 5 to 7 foot distance between the speakers and the listening area.
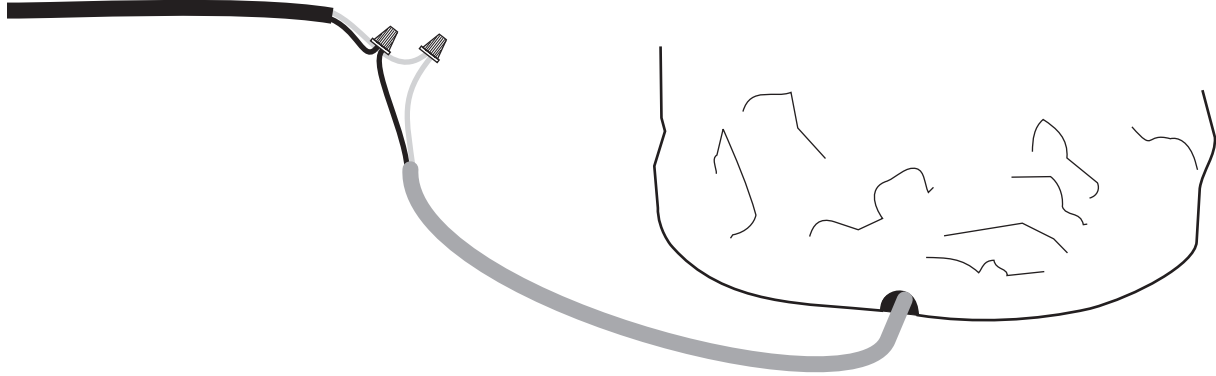
Making the Connection

The speakers are easily connected to any audio amplifier using the sealed speaker wire pigtail from the back of the speaker enclosure. The red lead indicates the positive signal and black indicates the negative signal. These should be spliced with the corresponding wire coming from the source amplifier. Note that most speaker wire indicates the positive with a red wire and the negative signal with a black wire. Some wires indicate the positive lead with a dark stripe on the wire and in many outdoor low-voltage wires the negative lead is indicated with a rib in the insulation. Connecting the positive and negative leads incorrectly will cause it to be out of phase and will result in a weak bass response.

Remove 2 to 3 inches of the outer jacket of the speaker wire coming from the source amplifier. Carefully strip about ½ inch of the insulation covering the two speaker conductors within the outer jacket. Twist the bare speaker wire leads together and screw a wire nut to each of the connected leads.

You should only use wire nuts rated for outdoor weatherproof use. Do Not Use electrical or duct tape as a means of weatherproofing the wire connection. As an additional weatherproofing option you may want to fill the bottom edge of the wire nuts with a silicone-based sealant. If you are burying the wire underground, only use speaker wire rated for in-ground use. An alternative to burying the wire is to run it through PVC pipe that is buried. Be sure to seal all joints in the pipe to insure a waterproof enclosure.

Audio Speaker Wire Connection

Speaker Wire from Audio Source Amplifier

Nuvo Rock Speaker Specifications

SYSTEM	NV-AP18RG	NV-AP18RS	NV-AP16RG	NV-AP16RS
Description	AccentPlus1 Rock Loudspeaker, 8'' Mono, Granite	AccentPlus1 Rock Loudspeaker, 8'' Mono, Sandstone	AccentPlus1 Rock Loudspeaker, 6.5'' Mono, Granite	AccentPlus1 Rock Loudspeaker, 6.5'' Mono, Sandstone
Power Rating:	100W	100W	50W	50W
Impedance	8 ohm	8 ohm	8 ohm	8 ohm
Efficiency	91dB1W/1M	91dB1W/1M	88dB1W/1M	88dB1W/1M
Frequency Response	45Hz-20Hz +/-3dB	45Hz-20Hz +/-3dB	60Hz-20Hz +/-3dB	60Hz-20Hz +/-3dB
Tweeter Crossover	12dB	12dB	12dB	12dB
Woofer Crossover	12dB	12dB	12dB	12dB
Dimension:(H*W*D)	13 1/2''x13 1/2''x12'' 340mmx340mmx300mm	13 1/2''x13 1/2''x12'' 340mmx340mmx300mm	10 1/2''x11''x9'' 165mmx280mmx226mm	10 1/2''x11''x9'' 165mmx280mmx226mm
Weight	16lbs/7.3kg	16lbs/7.3kg	9.7lbs/4.4kg	9.7lbs/4.4kg

WOOFER

Magnet	20oz/100x45x15mm	20oz/100x45x15mm	10oz/80x30x15mm	10oz/80x30x15mm
Voice Coil	1'' (25mm) Polyimide Film	1'' (25mm) Polyimide Film	3/4'' (19mm) Polyimide Film	3/4'' (19mm) Polyimide Film
Cone	8'' (205mm) Polypropylene	8'' (205mm) Polypropylene	6 1/2'' (165mm) Polypropylene	6 1/2'' (165mm) Polypropylene
Surround	Butyl Rubber	Butyl Rubber	Butyl Rubber	Butyl Rubber
Dust Cover	Polypropylene	Polypropylene	Polypropylene	Polypropylene

TWEETER

Magnet	Neodymium	Neodymium	Neodymium	Neodymium
Dome	PEI (Polyetherimide) 1'' (25mm)	PEI (Polyetherimide) 1'' (25mm)	PEI (Polyetherimide) 1'' (25mm)	PEI (Polyetherimide) 1'' (25mm)
Type	Fixed Position	Fixed Position	Fixed Position	Fixed Position