



# NILES®

HOME OF ENTERTAINMENT INNOVATION

[NilesAudio.com](http://NilesAudio.com)

Weather-Proof  
Rock Loudspeakers



Indoor/Outdoor  
Weather-Proof Loudspeakers



Weather-Proof Indoor/Outdoor  
Planter Loudspeakers



In-Ground Subwoofer  
Loudspeaker



Weather-Proof Garden  
Satellite



Weather-Proof Indoor/  
Outdoor Planter Loudspeaker

## Niles Outdoor Design Tips For Great Outdoor Sound

The weather's warming up, the barbecue grills are coming out, and everyone's starting to think about outdoor entertaining. It's time to turn to Niles for everything you need to create that perfect outdoor sound system. Our class-leading OS Indoor/ Outdoor Series and versatile Rock and Planter loudspeakers cover virtually every

application, are built for years of trouble-free use, and feature the peace of mind that comes with our Limited Lifetime Warranty. Of course, Niles also makes a wide range of amplifiers, outdoor volume controls, and everything else you need to power and control a great-sounding outdoor sound system.

# Upgrade this summer!

Niles has blazed the trail for premium outdoor solutions that deliver top-notch sound quality, military grade construction and speaker assortment that will bring any outdoor setting to life. Consider these design tips when you complete your next job.

## DESIGN TIP #1

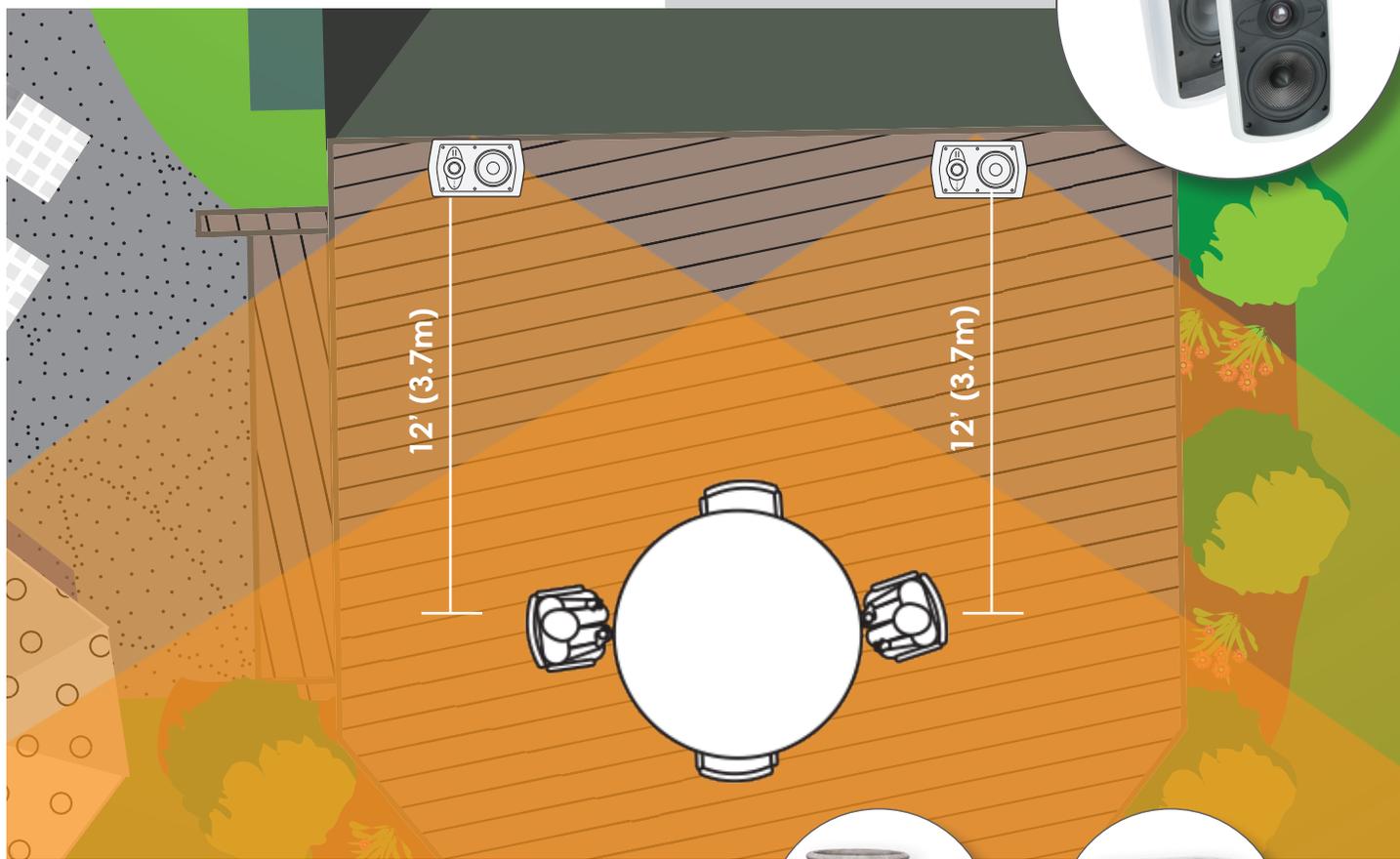
Position Loudspeakers Between 12' to 15' of the Listening Area

This guideline may sound simple, but it's amazing how often it's ignored. By positioning the loudspeakers between 12' (3.7m) to 15' (4.7m) of the listening area, you provide quality sound for the listeners at comfortable volume levels, without the need for huge amounts of amplifier power.

## Niles OS 7.5 Outdoor Loudspeaker

A high-performance loudspeaker designed to mount on walls, in corners, and under eaves.

Niles OS 7.5 loudspeakers install quickly and exceed military anti-corrosion specifications. They feature a 7" (18 cm) interlaced carbon fiber woofer for tight, rich bass and a 1" Teteron tweeter for smooth, detailed highs. Available in white or black.



In this illustration, the primary listening area is the table on the deck. To ensure good sound for the listeners, we're using a pair of Niles OS loudspeakers on the wall approximately 12' away. Another option is to add a pair of Niles Planters along the wall, or along the side of the deck.



## DESIGN TIP #2

### More Loudspeakers Are Better Than More Power

When you have an oversized or a particularly large outdoor space, it's always better to add more loudspeakers than more power. In this Design Tip, we'll start with the same listening area from Design Tip #1, but we'll add a pool area that's 30' (9m) away. You could boost the amplifier power so the patio speakers play loud enough to reach the pool, but that would be too loud for those people on the patio. The better solution is more speakers to evenly distribute the sound at comfortable volume levels.

### Niles RS6Si Stereo Input Rock Loudspeaker

High-quality sound combined with the look and color of natural rock

For great outdoor sound, depend on Niles GeoRealistic™ loudspeakers. The RS6Si produces stereo sound from a single cabinet, features a Limited Lifetime Warranty, and comes in a variety of finishes: speckled granite, granite, coral, sandstone, and shale brown.



The solution is more loudspeakers, not more power. In this illustration, we added a pair of Niles GeoRealistic™ rock loudspeakers and a pair of Niles Planters hidden in the landscaping, located approximately 12' (3.7m) from the

pool. Now, the guests sitting at the table can enjoy music at a comfortable volume level, while everyone in the pool also gets just the right amount of sound. Everyone's happy and the party rocks.

### DESIGN TIP #3

Provide Independent Volume Controls for each Listening Area

Ideally, each listening area should be equipped with a way to adjust the volume. Installing a keypad or volume control for each listening area adds that extra flexibility to the outdoor space. By providing independent volume controls for each space, people sitting at the table can adjust the music to a comfortable level, while the swimmers in the pool can enjoy the music at a different volume level.

A weather-resistant zone keypad is the ideal volume control for outdoor areas. When using the Niles MRC-6430 multiroom controller for the outdoor area, use a mobile device in a weatherized case for controlling the primary listening area's volume level. To ensure sufficient volume levels, Niles recommends using Two-Channel System Integration Amplifiers<sup>®</sup> connected to the zone preamp output. Pairing the MRC-6430 with a Niles System Integration Amplifier<sup>®</sup> ensures you have the right amount of power and control available for creating that perfect outdoor soundscape.

### COMPLETE YOUR SYSTEM:

Finish the job with the Niles whole home audio and control chassis with expandable six-source, six-zone audio control, running the new Auriel™ intelligent software.



SI Amps



MRC-6430 Multiroom Controller



**Auriel™**

Individual zone volume controls are the best solution for large, single zone outdoor areas with multiple listening areas. In this illustration, Niles WVC100E Weatherproof Stereo Volume Controls are positioned for easy access near the hot tub and the deck. To adequately power all these loudspeakers, a Niles SI-1230 Series 2 12-Channel Systems Integration Amplifier does

an excellent job. Of course, if your outdoor area is made up of more than one zone, a combination of the two above scenarios might be appropriate. So keep in mind the importance of volume controls. It will make the difference between a good outdoor sound system and a truly great one.



### PS6Si Planter Loudspeaker

Weatherproof outdoor loudspeakers that double as actual planters

Use Niles Planter loudspeakers to combine great outdoor sound with beautiful landscaping. There are two shapes to choose from: the traditional planter plus a rectangular box shape. Available in terracotta and weathered concrete finishes.



### WVC100E

Outdoor High-Power Stereo Volume Control

Add your weatherproof stereo volume control with selectable impedance magnification for the final touch.

