

OUTDOOR SPEAKERS

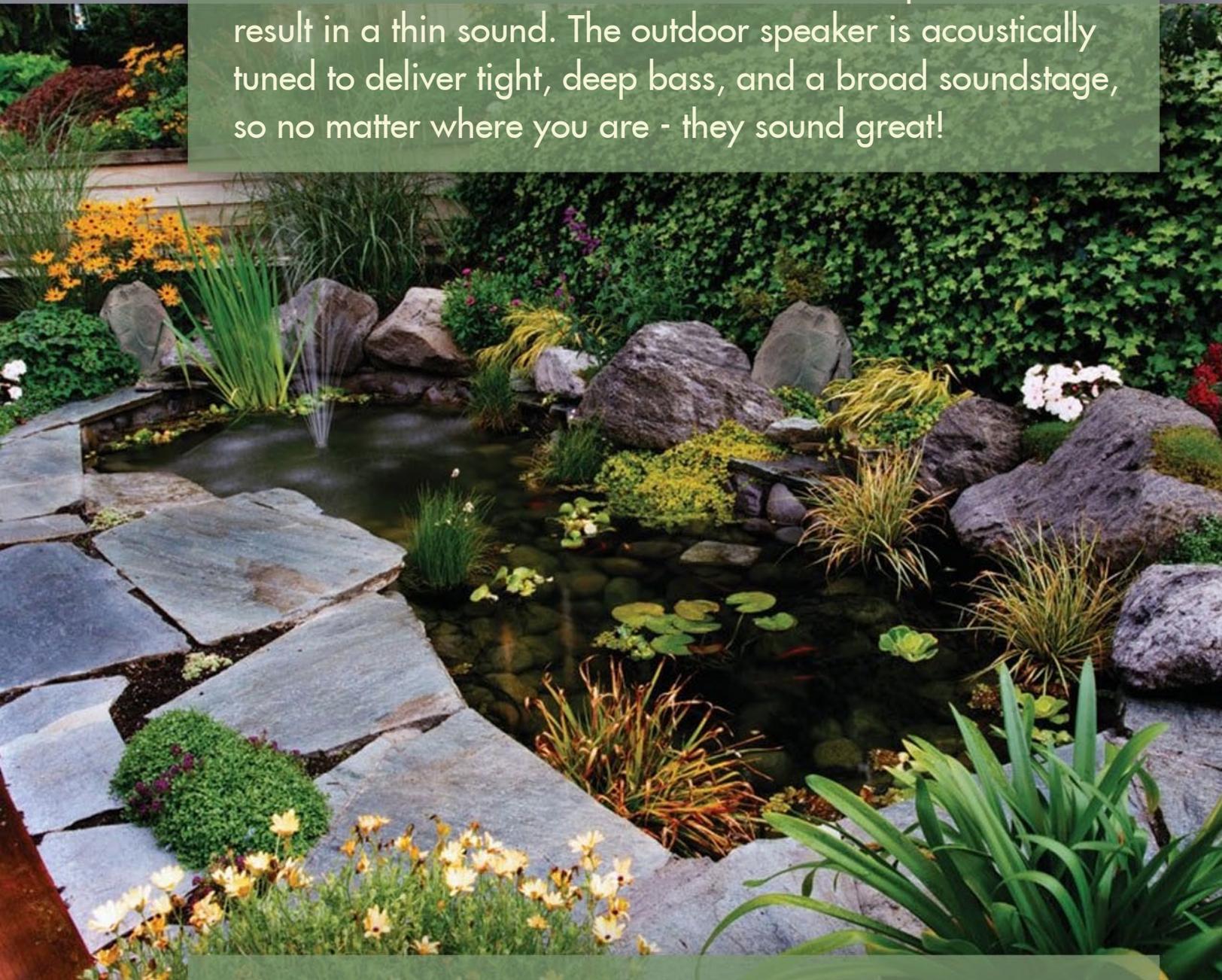


SEVEN TIPS FOR GOOD SOUND!

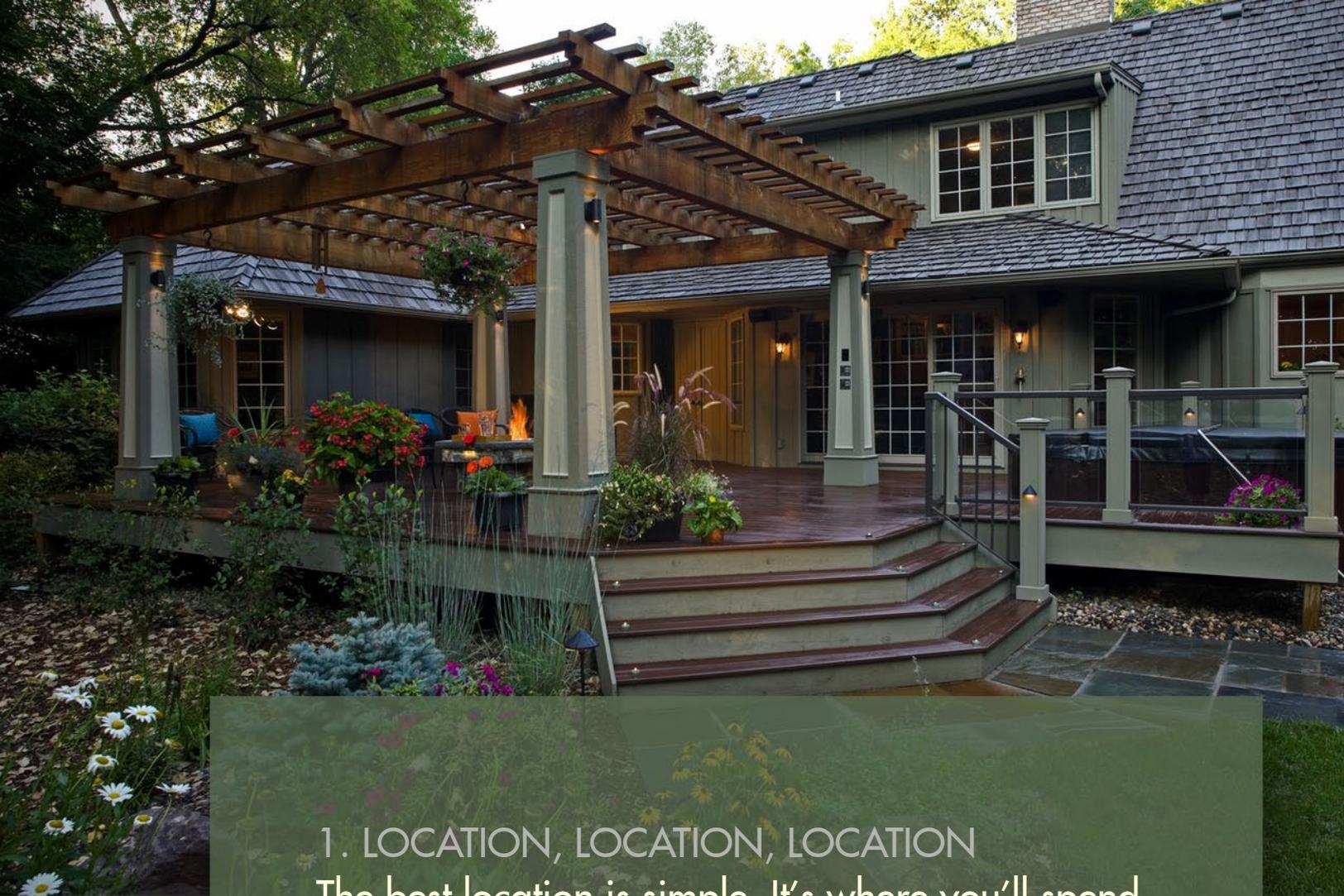
Take a quick read and let's get you set for a great Summer...

Outdoor speakers are NOT indoor speakers made waterproof. They are engineered to sound completely different as they are being used in a completely different acoustic environment.

Outdoor speakers are engineered to acoustically offset the large open expanse of the outdoors without floors, walls and ceilings to help reflect the sound and augment the bass. That same environment for an indoor speaker would result in a thin sound. The outdoor speaker is acoustically tuned to deliver tight, deep bass, and a broad soundstage, so no matter where you are - they sound great!



And some can disappear! Can you see the speakers?
Clue: "rock on" and look directly below the word "sound" above.



1. LOCATION, LOCATION, LOCATION

The best location is simple. It's where you'll spend most of your time. Speaker mounting options vary depending on the intended location. Some are engineered to be surface-mounted, others in the garden. So think of them as location dependent.

We have some clients who constantly garden, and are on the move, so together we specified multiple locations that helped disperse the sound evenly in their back yard. We also have clients that are typically gathered around the outdoor dining table, and this enabled them to enjoy a more focused and richer soundfield. So we try to use the walls and soffits to help project the sound to where they relax.

2. PLACEMENT

Height and distance helps you achieve greater sound projection, so *place the speakers no more than ten feet high and 25 feet away from your listening area.*

Place your speakers in a triangle with you at one of the corners.

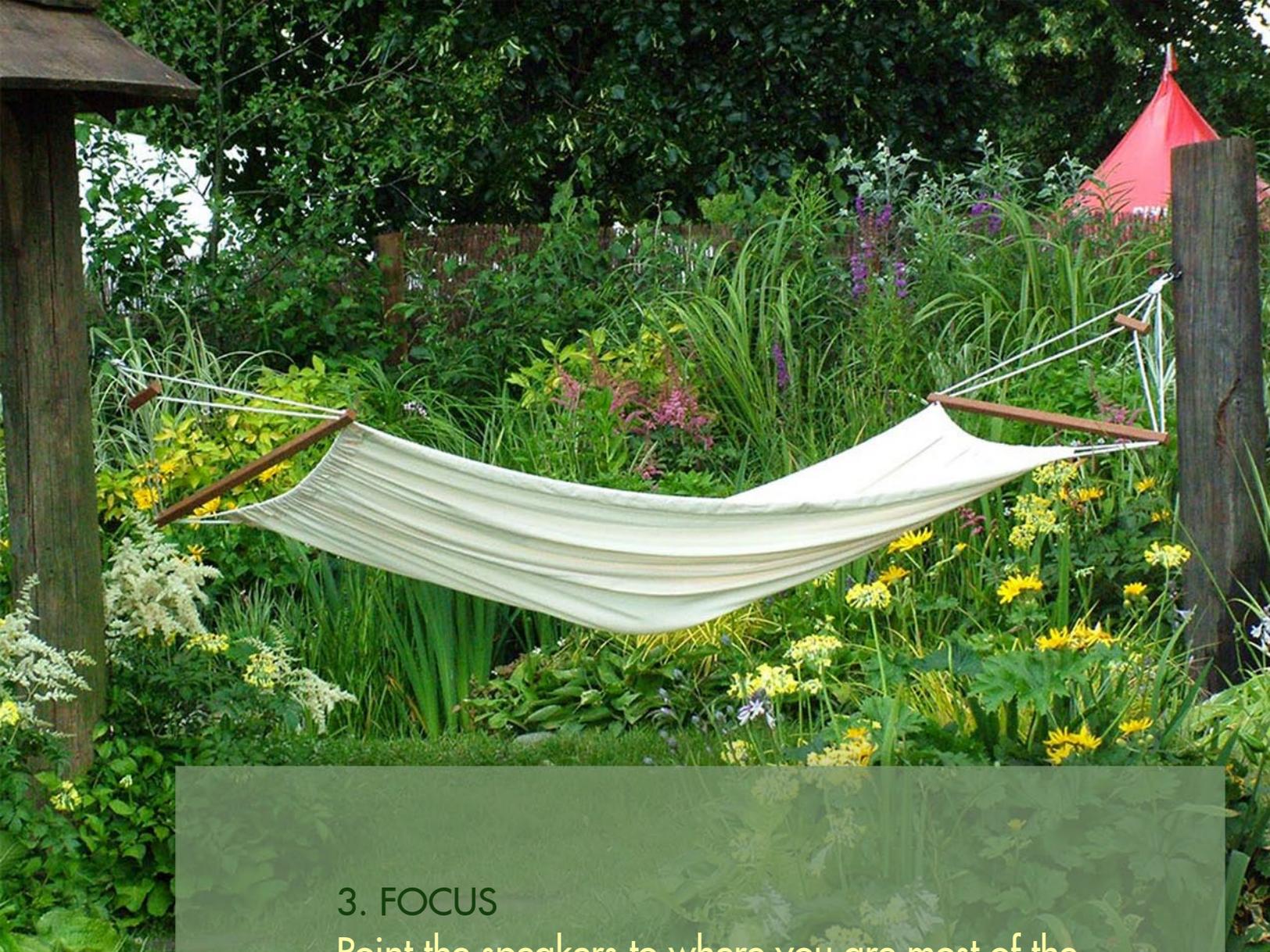
Typically, 12'-20' from the speakers to the listening area and 10'-15' apart from each other for the best stereo imaging.

Placing your speakers near a wall, overhang or other surface improves bass performance.

Place them undercover. Placing the speakers under overhangs, soffits, ceilings, or anywhere you can shield them from the elements, the better. *Four is better than two.*

With large backyards, it's difficult to fill the entire area evenly with music. The music disperses so easily. And by just turning up the volume, you'll find it can be too loud in one area, yet still too soft and blurred in another. An additional set of speakers helps disperse the sound evenly with no hotspots and a consistent volume everywhere.





3. FOCUS

Point the speakers to where you are most of the time. Some installations can be tricky, where there is a small area, such as a hammock, or by the BBQ grill, or a side table for two, and where a pair of speakers is overkill or difficult to orient to your smaller area. Solution - try a single stereo speaker.

A single stereo speaker can be placed and oriented perfectly, and deliver full rich sound without overwhelming. Not too big, not too small, just right for the job. Sometimes one - isn't one too many!



4. CONTROL

We definitely recommend installing volume controls for each pair of outdoor speakers. An outdoor volume control is essential, as trying to adjust the volume from inside, is pointless, as you can't hear the outside volume. Different music, channels, times of day and company deserve appropriate volume levels.

So take it from our clients - an outdoor volume control is very handy indeed.

We sell only the highest quality weatherproof volume controls since, like outdoor speakers, they're designed to handle the elements for decades.



5. WIRED FOR SOUND

We encourage the use of wired speakers for two important reasons: They sound superior and are exceptionally reliable. Solutions that are “mostly reliable” aren’t acceptable. What’s more, wireless isn’t wireless. You still need 120V to your outdoor speaker. Wired speakers can take a little longer to install initially, but once you’re done – you’re done.

You can use 16 gauge wire for runs of 40 feet or less. Over 40 feet, use 14 gauge wire for runs of up to 200 feet. The performance difference versus cost difference is immediately audible and is worth it.

Inside the home - we always use speaker wire that meets electrical and fire codes for in-wall installation. Outside the home - we use speaker wire that is direct burial rated. It’s engineered for high-moisture conditions. We recommend using spade connectors or banana plugs, instead of corrosive prone, bare wire connections. Use PVC conduit when practical. You don’t want to be reminded of where you buried that speaker cable by your shovel! PVC tubing is cheap, effective and a great protector, from ground-hogs to gardeners!



INTEGRA ADM-30.1
in black
\$450

6. I NEED MORE POWER CAPTAIN!

You can use the 2nd or 3rd zone on your receiver and that will be fine for one pair. For more than one pair, we recommend a multiple speaker adapter. This adapter allows you to run more than one pair on your receiver without putting your amplifier in a low impedance situation, and at risk for overheating and possible failure.

For multiple pairs of outdoor speakers, we would suggest a dedicated amplifier, designed specifically for these types of applications. The INTEGRA ADM-30.1 works perfectly. These 100 watt/ch. stereo amplifiers are rugged, reliable and affordable.



7. LETS BE CLEAR

The amount of bass and clarity of sound that an outdoor speaker can generate is determined largely by the quality of the speakers, speaker cabinet size, and their outdoor location.

Typically, locating an outdoor speaker under the eaves of the house can produce the best sound, as you have the height projection advantage and you have the reinforcement of the two planes, the wall and soffit, helping augment the bass and project the speaker's sound.



◀ **PARADIGM
STYLUS 270**
White or Black
\$398 pair

The new generation of outdoor speakers have superior bass performance given the enclosure size, clarity and price is amazing. The PARADIGM line of Stylus speakers provides excellent performance in an attractive enclosure.

The new generation of outdoor speakers do an excellent job of sounding fantastic -in the great outdoors. We have different outdoor speakers on display. We sell direct burial and indoor/exterior certified speaker cables, and all the accessories for you to be relaxing outside! Stop in and hear for yourself and learn how just easy great sound outside can be.

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