SONANCE

OUTDOOR WIRING HARNESS
QUICKSTART GUIDE

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OVERVIEW

This outdoor wiring harness is compatible with Sonance Garden Series 8.1 and 8.2 systems and is designed to save time and installation labor, while reducing the potential for future troubleshooting.

NOTE: This document is supplemental to the Sonance Garden Series Installation Manual. Please review that document prior to installing your system.

PLANNING

Before you begin, plan the system for the space. Locate the desired listening area and best placement for the speakers and subwoofer. Ensure that you have enough speaker wire on hand to run wire from the amplifier location to the starting point of the wiring harness (not included with this harness).

LAYOUT

Begin by laying out the harness in the area where the SGS system is to be installed. Ensure that the harness sockets are placed within two to three feet of the desired location for each speaker and subwoofer.

NOTE: Leave the included protective caps installed on the harness during this step to prevent dirt and debris from entering the socket.

WIRING THE AMPLIFIER

1. Run a four-conductor speaker wire from the amplifier location to the start of the wiring harness (the end with tinned wire leads).

2. Using outdoor-rated wire nuts, connect the speaker wire into the harness.

Note: Sonance recommends using 16-gauge speaker wire if the length of the wire from the amplifier to the harness will not exceed 50 feet. If exceeding 50 feet, Sonance recommends using 14 or larger gauge wire.
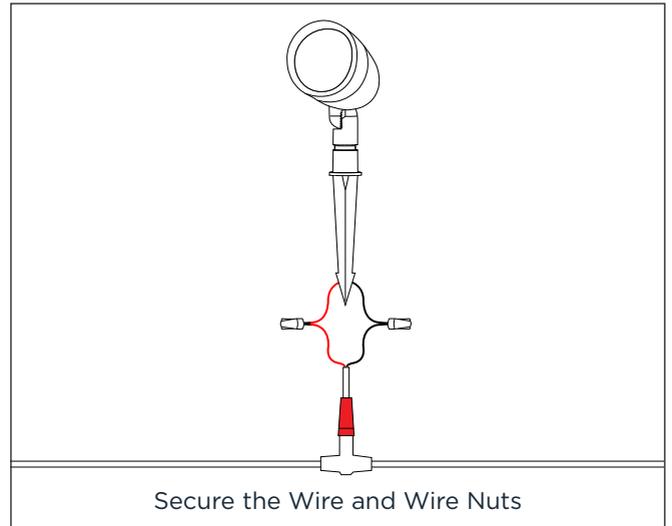
CONNECTING THE SPEAKERS

NOTE: Before wiring the branch cables to the Garden Series speakers, be sure to attach the speaker stakes.

3. Connect each of the supplied branch cables to the appropriate speaker or subwoofer wire tail. For each Garden Series speaker, there is one black wire and one red wire. For each Garden Series subwoofer, there is one black wire, one red wire, one green wire, and one white wire. The subwoofer branch cables can each be identified

by a black plug with four loose wires. Each branch cable with the Sonance Outdoor Wiring Harness comes with 10mm of tinned wire exposed.

- Connect the branch cables to the speakers and subwoofer by matching the colors (red to red, black to black, etc).

- Secure each connection with an outdoor-rated wire nut (supplied with every Sonance Garden Series System, or available at any hardware store) by feeding the combined wires into the cavity and twisting until they are gripped within the wire nut.
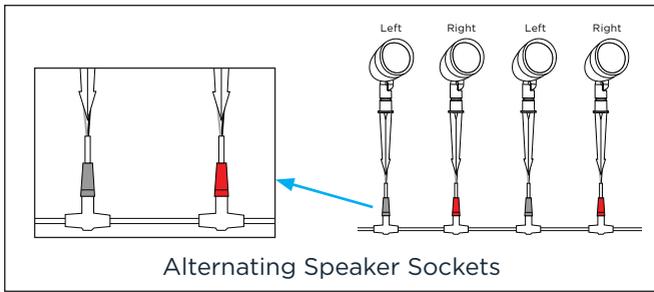

Secure the Wire and Wire Nuts

Once the branch cables are connected, there should be four Garden Series speakers with red plugs, four with gray plugs, and the Garden Series subwoofer (one or two, depending on your system) will have a black plug attached.
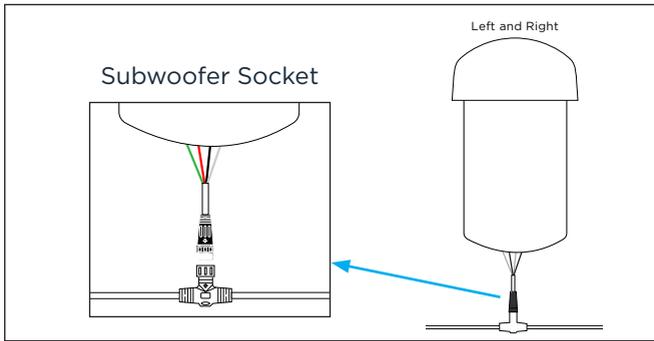
Zip ties or waterproof tape can be used for additional strain relief at each connection, if desired.

CONNECTING THE HARNESS

6. Place the prepared speakers and subwoofer into position along the wiring harness that has been laid out along the planned installation area. In addition to the two end connectors, the harness has nine socket locations in the middle. The end plug (male connector) will be used to connect to the amplifier cable, and the end socket (female connector) can be used to connect a speaker, a subwoofer, or can be left with the protective cap installed. Install each speaker and subwoofer into the ground using the steps outlined in the Sonance Garden Series Installation Manual.

- Any branch cable can connect to any socket. Sonance recommends alternating between red and gray sockets along the wiring harness to achieve balanced left and right channel dispersion.

Alternating Speaker Sockets

- The subwoofer can also be placed at any socket along the chain of the wiring harness, although it is recommended to place the subwoofer as close to the center of the speaker array as practical.
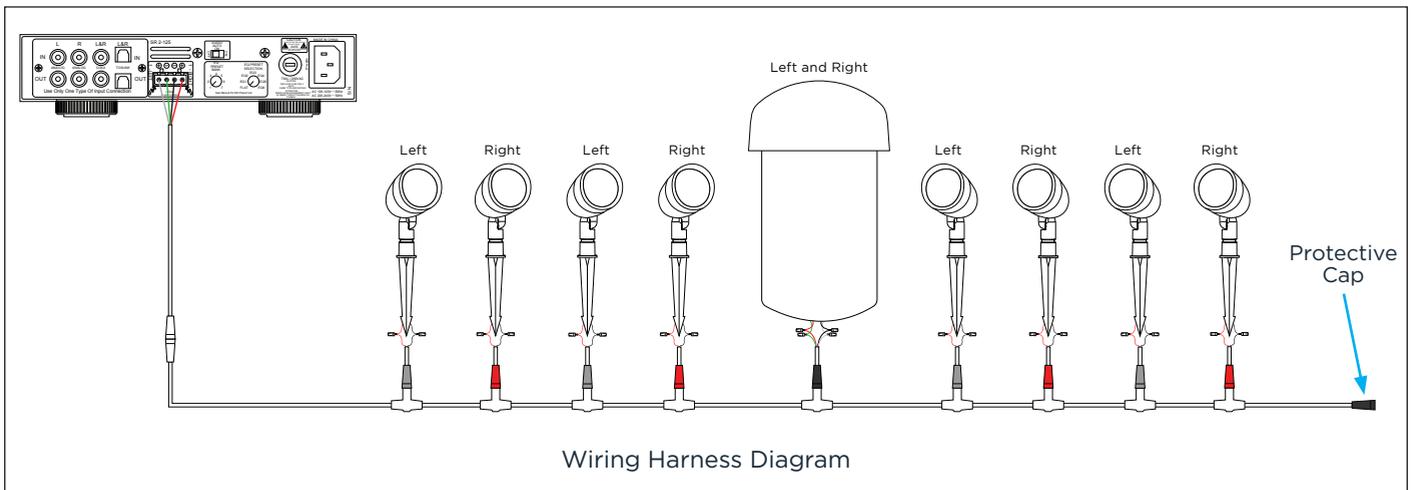

Subwoofer Socket

- Once each speaker and subwoofer is installed into place, screw each of their branch cable plugs into the sockets along the harness.

- In a configuration of eight speakers and one subwoofer, one subwoofer branch cable will be left unused. Leave the protective cap on whichever socket is left disconnected.

EXTENDING THE WIRING HARNESS

It is possible to connect an additional wiring harness to the end of the first harness and install a second Garden Series kit, for a total of 16 speakers and two subwoofers. While this configuration is compatible with Sonance DSP amplifiers, please note that there may be a slight volume reduction given the additional length of the wire. Most users will not notice this reduction.

Follow the previous installation steps to wire, install, and connect the system and harness, omitting the steps for wiring the amplifier. Once all the additional system pieces are installed and connected, connect the end socket of the first wiring harness to the beginning plug of the second harness. When using a Sonance DSP amplifier, the amplifier from the first wiring harness will support the full length of the two connected outdoor wiring harnesses.

Wiring Harness Diagram

Scan QR code for additional information. For technical support call 949.492.7777 or visit www.sonance.com