

Sycamore Outdoor 2.1 Speaker System with 8-inch Subwoofer and 2.5-inch Satellites

31034 2.1-Channel Speaker System

31035 8" Dual Coil Subwoofer

31037 2.5" Satellite Speakers

User's Manual

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- Ensure that all items to be connected are powered off and unplugged from their power sources before making any electrical connections, including speaker wire connections.
- Normal installation involves burying the main body of the subwoofer under the ground. If you will be installing the system in the normal way, you will need to use speaker wire that is rated as safe for burial.

INTRODUCTION

This Sycamore Outdoor 2.1 Speaker System (31034) consists of an 8" dual coil subwoofer (31035) and two 2.5" satellite speakers (31037). The subwoofer is designed for burial under the ground and the entire system is weatherproof and UV resistant. The system ships with two satellite speakers, but the subwoofer can support up to four satellite speakers. The subwoofer contains a fixed 200Hz crossover and can be wired for mono or stereo operation. When wired for stereo, the system has a nominal 8 ohm impedance, while when wired for mono, it has a nominal 4 ohm load.

FEATURES

- Full system includes passive subwoofer and two satellite speakers
- Up to four satellite speakers supported per subwoofer
- Weather and UV resistant enclosures
- 8 ohms nominal system impedance
- 80 watts RMS / 160 watts peak power handling capacity
- Can be wired for stereo or monophonic operation

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website www.monoprice.com during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at support@monoprice.com

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

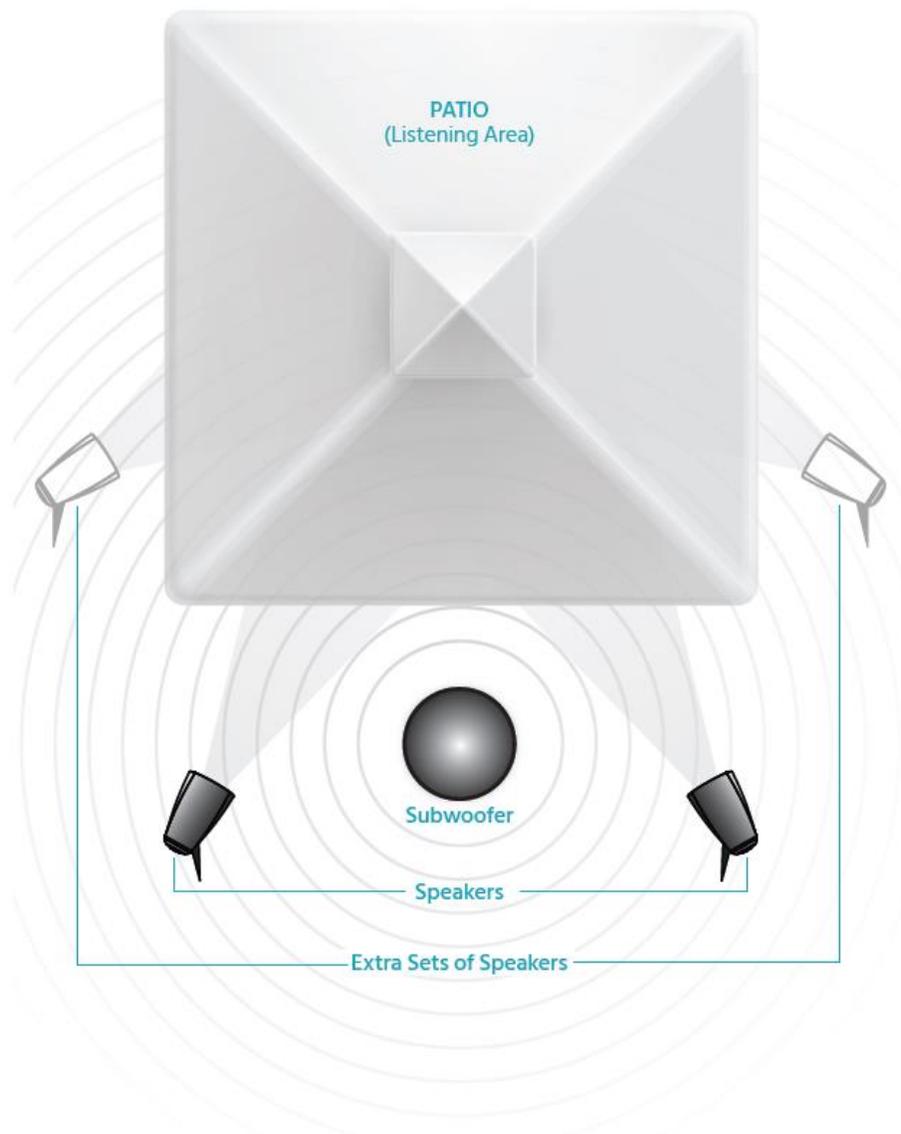
| | |
|------------------------------|-----------------------------|
| 1x Subwoofer base | 2x Lower stake coupler |
| 1x Subwoofer sound projector | 2x Hex screws |
| 1x Subwoofer coupler | 2x Phillips screws |
| 2x Satellite speakers | 2x Nuts |
| 2x Speaker stakes | 2x Large sheet metal screws |
| 2x Speaker stake tips | 8x Small sheet metal screws |
| 2x Mounting plates | 1x Hex wrench |
| 2x Upper stake coupler | 1x User's manual |

SPEAKER AND SUBWOOFER LOCATION

The speakers should be fairly evenly spaced in a line and aimed to cover the listening area. For best coverage, it is recommended to place the speakers 6 to 8 feet apart.

The subwoofer should be located near the middle of the speaker arrangement. For more bass, install it near a wall or other solid surface. Do not position it in standing water.

Following is a sample arrangement.



WIRING PLAN

Ideally, all speakers and the subwoofer will be connected using two parallel wire runs buried in a single trench. The system is designed to have the speakers evenly spaced around the subwoofer. Use wire that is rated for direct burial.

Use either two 2-conductor speaker wires or a single 4-conductor speaker wire to connect the subwoofer to the amplifier. Be sure to match the positive and negative terminals. Use 2-conductor speaker wires to connect the satellite speakers to the subwoofer. It is best to use wire runs of equal length to ensure equal performance.

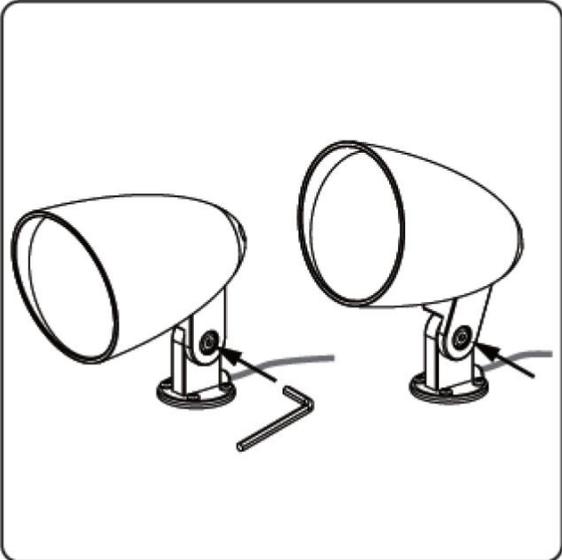
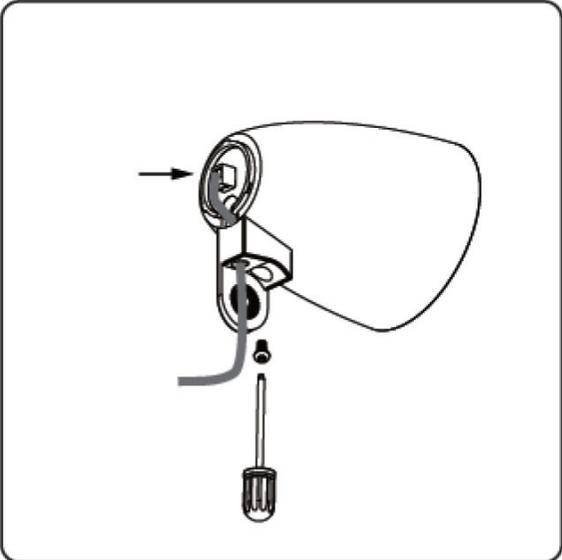
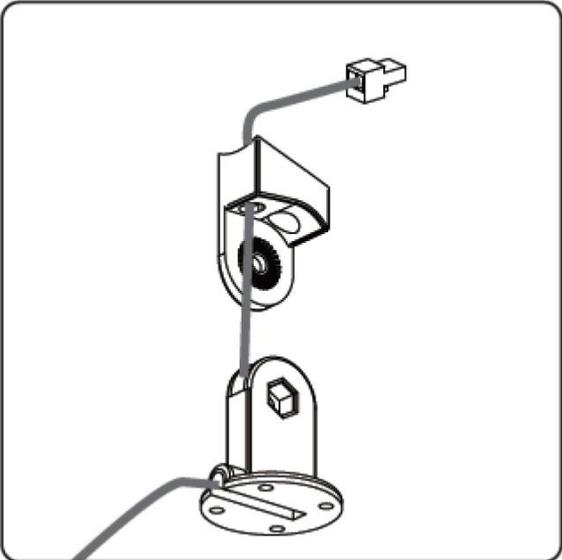
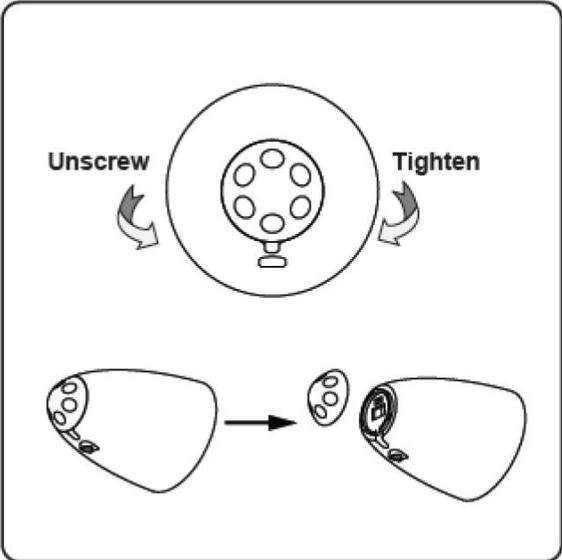
Dig a 5" trench running from the amplifier to the subwoofer and two 5" trenches from the subwoofer to each satellite. Run burial rated speaker wire in the trenches. Test the system before covering the wire with dirt.

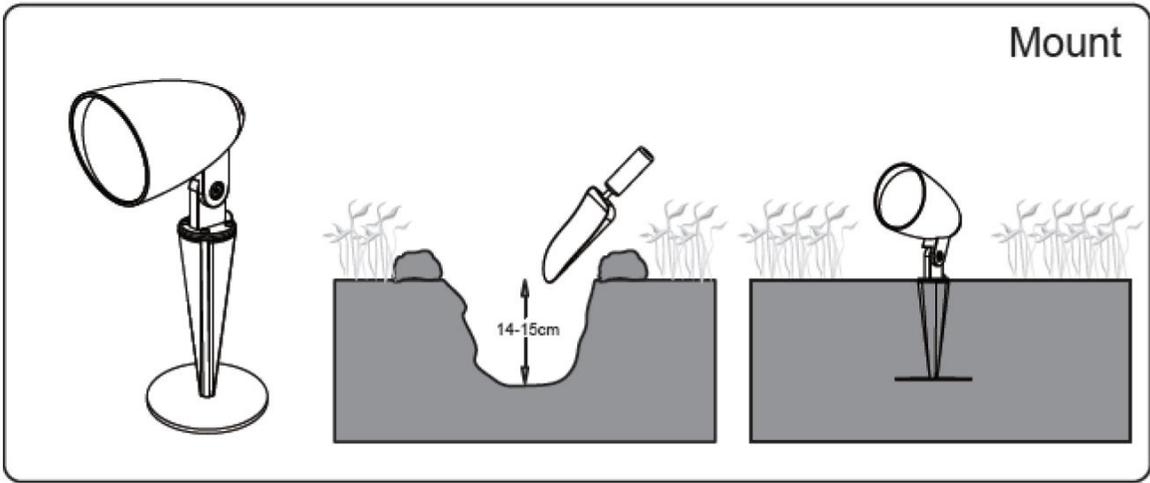
Use the following diagrams as a guide for wiring the subwoofer and satellites for 8-ohm stereo or 4-ohm mono operation.



SATELLITE ASSEMBLY AND INSTALLATION

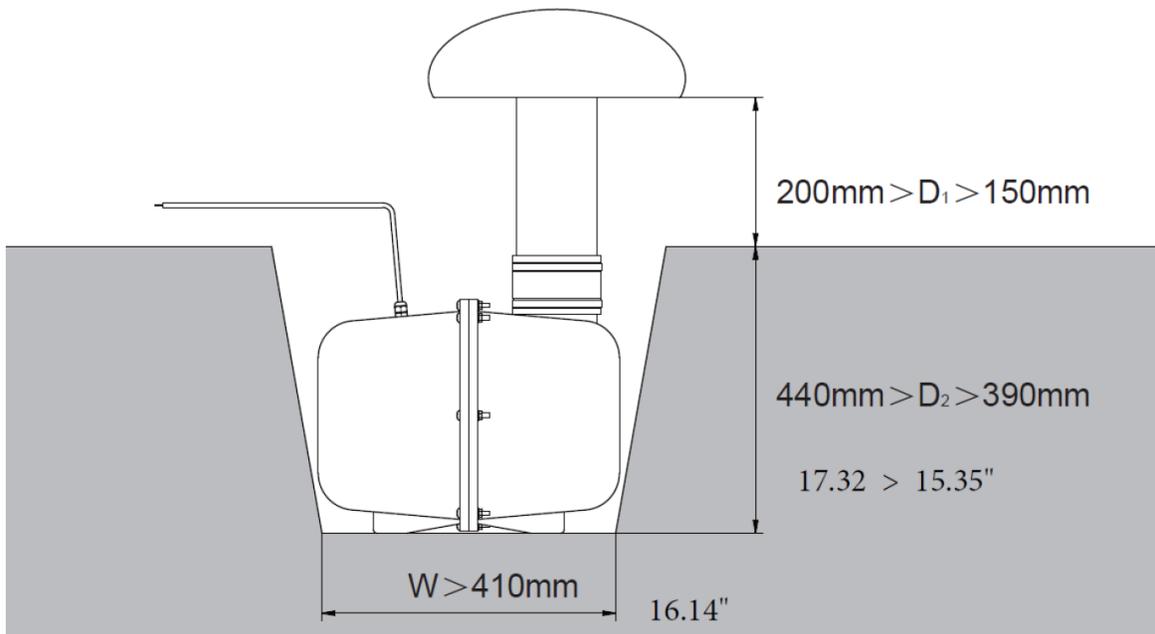
Perform the following steps to assemble the satellite speakers. To prevent water damage, angle the speaker less than 45 degrees.





SUBWOOFER INSTALLATION

Dig a hole for the subwoofer, about 16" x 17" and 18" deep. Use loose dirt to level the subwoofer. The subwoofer should not be in contact with any large rocks or empty holes.



TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website www.monoprice.com during regular business hours, 7 days a week. You can also get assistance through email by sending a message to tech@monoprice.com

SPECIFICATIONS

Satellite Speakers

| | |
|---------------------------|---|
| Model | 31037 |
| Number of Speakers | 2 |
| Driver | 2.5" weather treated paper cone |
| Nominal Impedance | 16 ohms |
| Frequency Response | 200 Hz ~ 20 kHz ±3dB |
| Sensitivity | 88dB |
| Recommended Amplification | 50 ~ 200 watts per channel @8 ohm stereo 100 ~ 400 watts @4 ohm mono |
| Dimensions (each) | ø5.5" x 3.8" (ø139 x 96 mm) |
| Weight (each) | 2.9 lbs. (1.3 kg) |

Subwoofer

| | |
|-------------------------------|---|
| Model | 31035 |
| Number of Speakers | 1 |
| Driver | 8" polypropylene cone |
| Nominal Impedance | 8 ohms |
| Frequency Response | 39 Hz ~ 200 Hz \pm 3dB |
| Sensitivity | 82dB |
| Recommended Amplification | 50 ~ 200 watts per channel @8 ohm stereo 100 ~ 400 watts @4 ohm mono |
| Crossover Frequency | 200 Hz |
| Crossover Type | 12dB/oct |
| Maximum Power Capacity (RMS) | 80 watts/channel |
| Maximum Power Capacity (Peak) | 160 watts/channel |
| Dimensions | 15.6" x 14.8" x 19.7" (395 x 377 x 500 mm) |
| Weight | 37.5 lbs. (17 kg) |