

Installation Manual

AS41 Hi-Fi Landscape Audio System

Model: | AS41SYS

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Introduction

Thank you for purchasing the Acoustic Landscape™ AS41 Hi-Fi Landscape Audio System. You are about to enjoy an incredible listening experience created specifically for outdoor environments. Acoustic Landscape™ engineers have invested countless hours creating loudspeakers that deliver amazing sonic performance from enclosures that can withstand the harshest elements.

This instruction booklet covers the necessary information for the installation of your Landscape System, including: step-by-step instructions, troubleshooting tips for any problems you encounter, and all warranty information. If for any reason you experience problems, or if you have installation questions, please call us at (844) 674-4461. Hours of operation are 8:00am to 5:00pm (Pacific Time), Monday through Friday.

Installation Requirements and Recommendations

What's Included

- What's included
- Speakers (AS4SAT) with mounting stakes (x4)
- 8" Subwoofer (AS8SUB)
- Wire nuts (x10)

Required Tools/Items

- Direct burial wire
- Wire cutters
- Wire stripper
- Shovel
- Philip's head and flat head screwdrivers

This set includes 4 AS4SAT speakers, however the system is designed to support up to 8 speakers from a single 2ch amplifier or receiver. If additional speakers are needed, we recommend purchasing one or two AS4SAT Expansion Packs, which contain an additional pair of speakers.

Speaker Wire Recommendations

For this setup, use a direct burial, multi-stranded wire designed for amplifier to speaker connections. This manual covers a setup that uses a 2-conductor wire, however a 4-conductor wire can also be used. Refer to this chart to select the minimum wire gauge -- heavier gauge wire is always OK.

Max Wire Length (Feet)	Recommended Gauge
100	18
150	16
250	14
400	12
650	10

Planning

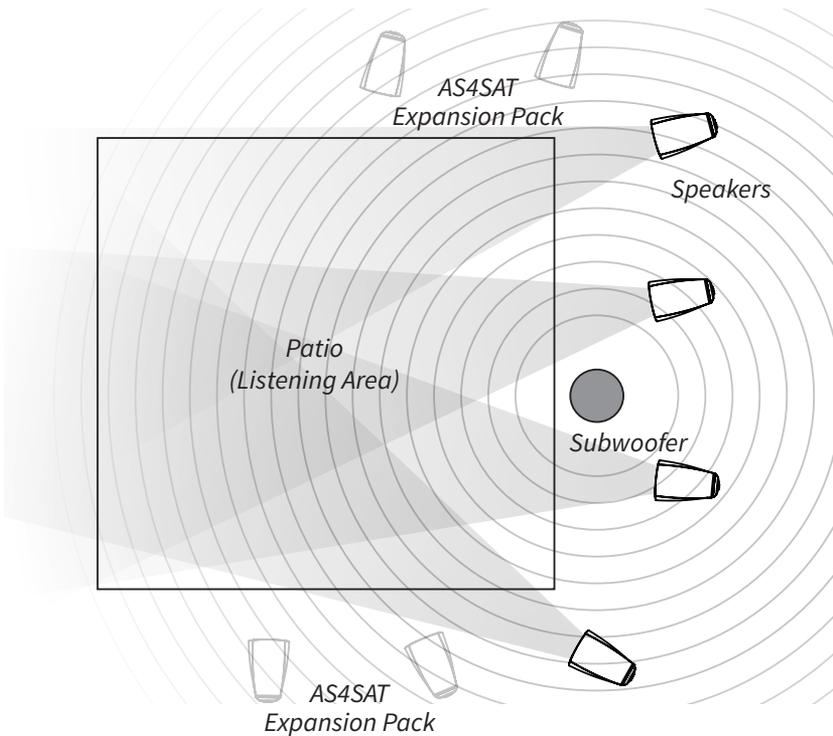
The Acoustic Landscape™ speakers and subwoofer should be strategically placed to evenly distribute sound throughout the outdoor area. Fully plan out the locations of all speakers, subwoofers and buried wires before beginning the installation process.

Speaker Location

Speakers should be fairly evenly spaced in a line and aimed so they cover the listening area uniformly. For best coverage, we recommend placing the speakers 6 to 8 feet apart.

Subwoofer Location

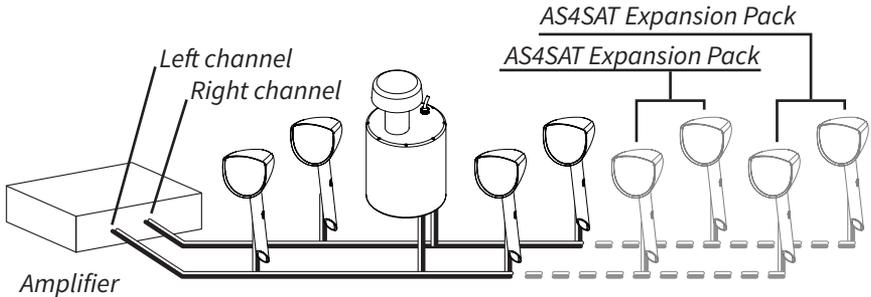
Select a location for the subwoofer somewhat near the middle of the speaker arrangement. For more bass, install the subwoofer near a wall or other solid surface. Subwoofers should be positioned away from standing water.



Layout Example

Amplifier & Wiring Plan

Ideally, all the speakers and subwoofer will be connected to two parallel wire runs, and these wires will be buried in a single trench. The Acoustic Landscape™ system is designed for the speakers to be evenly divided between these two wire runs, with the subwoofer connect to both.



Most receivers can safely handle up to 8 speakers and a subwoofer (6 ohm load).

Installation

Lay out the speakers and subwoofer in their selected locations. To prevent water damage, angle the speaker less than 45 degrees up.

Dig a hole for the subwoofer, about 16” deep and 11” in diameter. Use loose dirt to level the subwoofer. The subwoofer shouldn’t be in contact with large rocks or large empty holes.

About Speaker Wire

You will need a wire that has at least two conductors; one that can be identified as the positive and the other as the negative. All two conductor wires have some means of identifying which conductor is which, but at times this identification may be subtle. It’s crucial that you keep track of which wire you use for positive (+) and negative (-). Typically if the wires are colored red and black, the red wire is used for positive and the black wire is used for negative. You can choose whichever color of wire you want to be positive and negative as long as you remain consistent throughout the install.

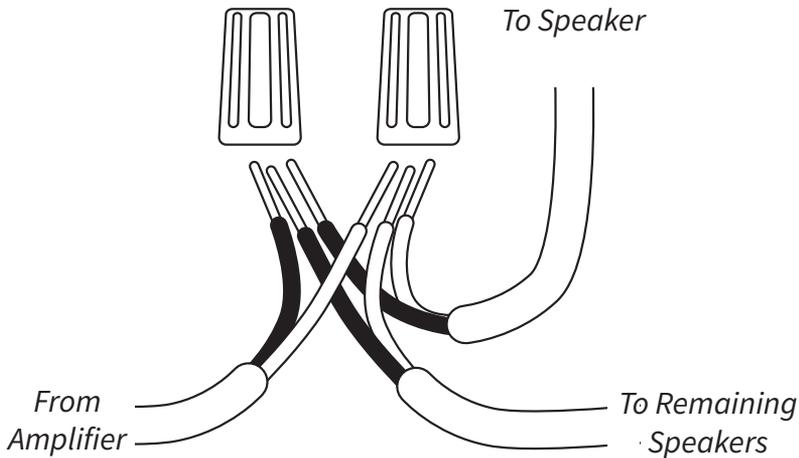
Your amplifier, speakers and subwoofer will use red for positive and black for negative. It is very important to be certain that the same wire that is attached to the positive connector in the amplifier is attached to the positive connector at the speaker.

Dig a 5” trench where you plan on laying out the wire. Run the wire from the amplifier to your first speaker location.

WARNING

DO NOT connect the amplifier to AC power before all the speakers and subwoofer are connected. DO NOT connect the speaker wire to the amplifier before all other connections have been made. DO NOT let any stray (+) and (-) strands to come in contact with each other. This could damage your amplifier.

Using waterproof wire nuts (included), connect the wire to the first speaker using the following diagram as reference:



Bundle all three of the left channel positive wires (wire from the amplifier, wire to the first speaker, and wire to the rest of the speakers) together and connect them with the first wire nut. Then do the same for all the left channel negative wires.

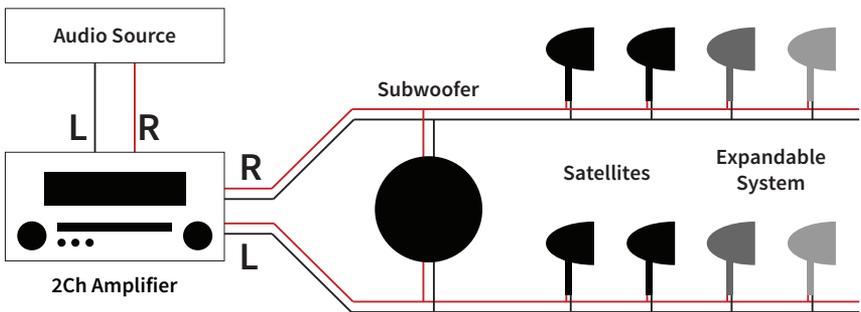
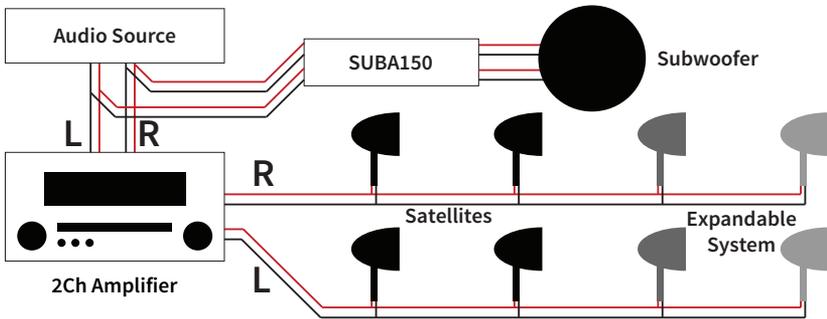
Run the wires to the next speaker and connect them the same way, but this time connect the right channel positive and negative wires. Continue connecting the speakers like this, alternating left

and right, until you reach the subwoofer.

The subwoofer should have four input connections. Using the wire nuts, connect both left and right channels to the subwoofer, making sure positive is connected to positive and negative is connected to negative.

Continue down the line and connect the rest of the speakers. Then connect the wires to the amplifier with the volume turned down.

Connect your music playing device and test the system. If everything is working properly, fill all the holes and trenches.



Troubleshooting

If possible, it's often good to try to isolate the problem first. For example, if you're playing a DVD on a television and there's no sound, try connecting an MP3 player to the system to see if that works. If it does work, then the problem is with the television, DVD player, or the cables connecting them. If it doesn't work, the problem will be with the amplifier, speakers, or those cables.

Problem	Possible Cause
No Sound	The volume may be turned down or muted. Check the volume settings on both the amplifier and the television/computer/CD player/etc.
	Make sure the proper source is selected on the amplifier or receiver.
	Check the cord connecting the amplifier with the source. The cord may be damaged or plugged into the wrong input or output.
	Check the wires connecting the amplifier with the speakers. Make sure they're connected properly and not damaged in any way.
Poor Sound Quality	If you hear something like static, or the sound is cutting in and out, check the audio cables. If the problem increases when a cable is being moved, then the cable is most likely faulty or not connected properly.
	Today's audio systems may have several places to adjust the volume, for example your MP3 player may have a volume control, and your amplifier may also have one. Check to be certain that the volume isn't turned up past 80% on any device.
	Try changing sources to be certain that the selection you've chosen is a good quality recording.

Technical Assistance

If you are having any troubles with the installation, or technical issues with the equipment, please contact one of our expert support staff, we will be happy to walk you through the entire setup or problem shooting process.

When contacting us by email for technical troubles, it will save time if you include the model number and briefly explain what steps you've taken to resolve the issues so that we don't waste your time repeating these actions. Most emails are answered within 2 hours of receipt during regular business hours; emails received after hours will be answered promptly the next business day.

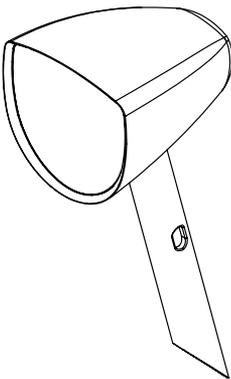
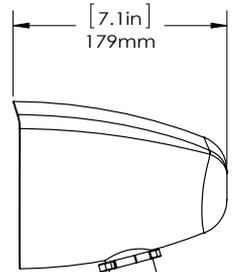
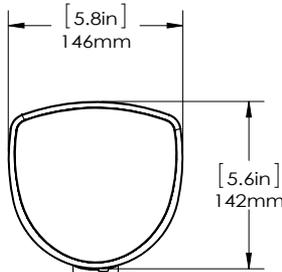
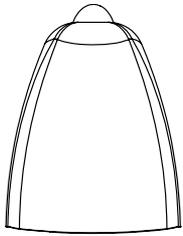
Phone: (844) 674-4461

Hours of operation: 8:00am - 5:00pm (Pacific Time), Mon - Fri

Email: techsupport@acousticlandscape.com

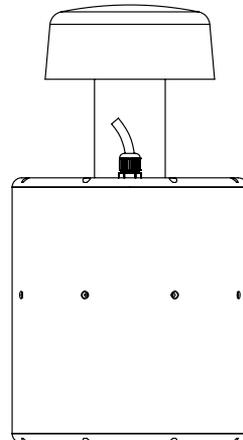
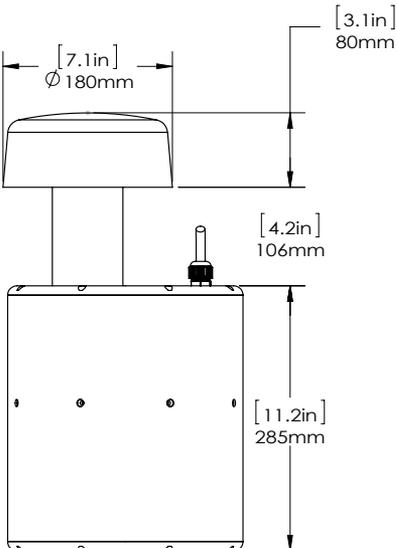
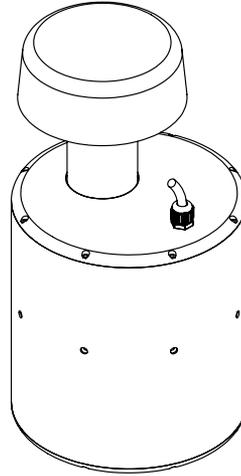
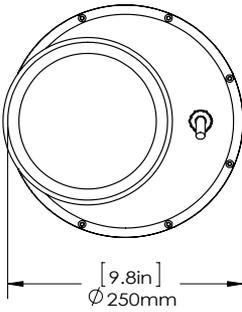
Specifications

Model Number	AS41SYS	
Part Number	AS4100SYS	
	Speaker	Subwoofer
Tweeter Dome	PEI	N/A
Tweeter Diameter	0.75" (20mm)	N/A
Woofers Cone	Injection molded polypropylene	Polypropylene
Woofers Diameter	4.25" (110mm)	8" (200mm)
Frequency Response	120Hz - 20KHz ± 3dB	39Hz - 120Hz ± 3dB
Recommended Amplification	100 to 200 Watts	
Enclosure	Weather and UV resistant ABS enclosure	PolyComposite, weather and UV resistant enclosure
Size (WxHxD)	5.8x5.6x7.1" (146x142x179mm)	9.8x18.5x9.8" (250x471x250mm)



Impedance Chart

4.1	4 Satellites + 1 Subwoofer	8 ohm
6.1	6 Satellites + 1 Subwoofer	6 ohm
8.1	8 Satellites + 1 Subwoofer	4 ohm
8.2	8 Satellites + 2 Subwoofers	3 ohm



Warranty

Limited 5 Year Warranty

Acoustic Landscape™ warrants that this Acoustic Landscape™ product will be free from defects in materials and workmanship, provided the speaker was purchased from an Acoustic Landscape™ authorized dealer. If the product is determined to be defective, it will be repaired or replaced at Acoustic Landscape's™ discretion. If the product must be replaced yet it is no longer manufactured, it will be replaced with a model of equal to or greater value that is the most similar to the original.

This warranty may not be valid if the product was purchased through an unauthorized dealer. This warranty only applies to the individual that made the original purchase, and it cannot be applied to other purchasers. Please go to [Acoustic Landscape™.com](http://AcousticLandscape.com) for a full description of our warranty.

Requirements and Warranty Coverage

This warranty may not be valid if the product was purchased through an unauthorized dealer. This warranty only applies to the individual that made the original purchase, and it cannot be applied to other purchases. The purchaser must be prepared to provide proof of purchase (receipt). This warranty will not be valid if the identifying number or serial number has been removed, defaced, or altered.

This warranty does not cover the following:

- Accidental damage
- Damage caused by abuse or misuse
- Damage caused by attempted repairs/modifications by anyone other than Acoustic Landscape™ or an authorized dealer
- Damage caused by improper installation
- Normal wear, maintenance, and environmental issues
- Damage inflicted during the return shipment

Return Process

Prior to returning a product please contact customer service at (844) 674-4461 or email us at: techsupport@acousticlandscape.com. Our support staff will assist you in making a quick and painless return.



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