



# Product Guide

## AW4-LS-BR 4" Landscape Satellite Speaker



### The Russound Difference

Since 1967, Russound has been building advanced audio products designed to bring exceptional sound into the home. By specializing in professionally installed audio systems, Russound has gained extensive insight into building some of the best audio amplifiers and audio distribution systems available on the market today. Russound products have been recommended and supported by home theater professionals, home builders, interior designers, architects and audio/video integration companies throughout the United States and in more than 80 countries around the world. Russound has taken the knowledge gained from both our residential installations and our commercial installations to craft a new lineup of advanced landscape loudspeakers designed specifically for bringing high quality audio to your favorite outdoor areas. The features built into our premium landscape speaker products make them the audio professional's first choice when recommending solutions for their clients.

### Overview

The key component of the Russound landscape audio system is the AW4-LS-BR, a compact 4" 2-way design satellite speaker that can be mounted anywhere in an outdoor space, from ground level to the treetops. Its small profile and subtle coloring allow it to blend into your landscape design while its high quality audio complement can add a new dimension of sound to your outdoor living space and bring your favorite music to your back yard, patio, pool, or lanai.

The AW4-LS-BR allows you to transform any outdoor space into an elegant, inviting space where the music you enjoy indoors can be easily enjoyed outdoors without the need for large and unsightly loudspeakers that clutter the view and limit your (and your landscape designer's) choices when designing your perfect outdoor living areas.



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## AW4-LS-BR 4" Landscape Satellite Speaker

### Key Features

#### Elegant, All-Weather Construction



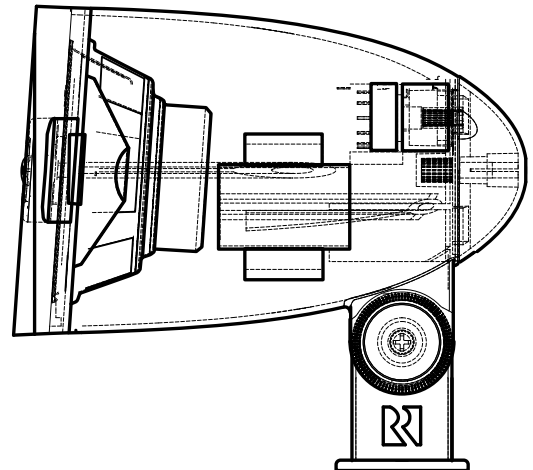
The materials chosen for the AW4-LS-BR are designed to provide the high quality acoustic performance that Russound customers demand when inside their home in a gorgeous, durable package that enables the speakers to blend into the background of any landscape outside their home. The satellite speaker's ASA-based materials utilize a color-molded design that won't chip, peel, or fade over time. The marine-grade PEI dome tweeter and the polypropylene cone/butyl-rubber surround of the woofer can handle the extremes of Mother Nature, withstanding sun and storm, and temperatures ranging from Maine winters down to  $-15^{\circ}$  F to desert-like highs all the way up to  $160^{\circ}$  F.

#### Impressive Audio

##### *4" Woofer with a 3/4" Tweeter*

By using a 2-way design that incorporates a 4" woofer, the AW4-LS-BR can reproduce better lows than many similar sized speakers that use a smaller 3.5" woofer and for the important mids and higher frequencies, where the competition may have only a smaller  $\frac{1}{2}$ " tweeter or even no tweeter at all, the AW4-LS-BR utilizes a  $\frac{3}{4}$ " marine-grade PEI dome for extremely accurate and detailed sonic performance.

The lightweight, rigid construction of the woofer's polypropylene cone complements the overall acoustic design to produce an impressive SPL level of 87dB (@1w/1m). The frequency response of this compact speaker covers an impressive range from 80Hz to 20kHz. When combined with the AW10-LSUB-BR subwoofer (sold separately), the overall system frequency response can descend to an incredible 30Hz, adding a new dimension to your outdoor sound.





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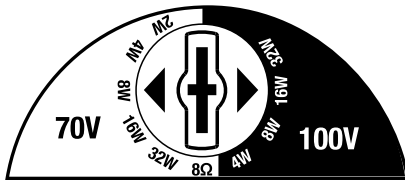
## AW4-LS-BR 4" Landscape Satellite Speaker

### Key Features

#### Easy Tap Setting Adjustments

Russound's landscape loudspeakers utilize high-quality 70v/100v transformers that allow these speakers to be used in high impedance audio systems with flexible system wiring options that can power the larger number of speakers needed to evenly distribute sound in an outdoor environment. Unlike a stereo sound installation in a main listening room in a home, outdoor sound typically utilizes more speakers distributed around the periphery, each operating at a slightly lower volume, but due to the number of speakers, produces a higher overall system volume. This type of design prevents hotspots or distortion that might arise by using fewer speakers at louder volumes. spread around a spacious outdoor area, and in low impedance systems that offer enhanced low-frequency support. The AW4-LS-BR also incorporates a transformer bypass setting so that these speakers can be used in a traditional low impedance system operating at 8Ω.

A convenient, rear-mounted rotary adjustment knob allows for easy tweaks of the setting with options for:



70V – 2W, 4W, 8W, 16W, 32W

100V – 4W, 8W, 16W, 32W

8Ω Bypass

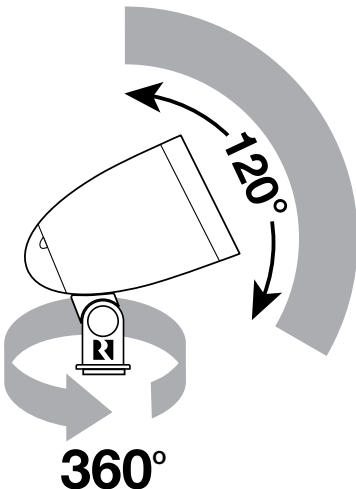
Unlike other brands that either lack this adjustment completely or that make this adjustment difficult to do without changing wiring connections, Russound designed a convenient weatherproof switch that is easily accessible.

#### Rugged Components

The AW4-LS-BR incorporates a powder-coated all aluminum grille for an elegant, durable finish. By using a rust-proof material like aluminum, the design is ensured to look beautiful while providing years of enjoyment.

The use of color-molded plastic rather than paint ensures that the speakers won't chip or peel and that they can withstand the rigors of an outdoor installation from harsh sun, to cold winters and even occasional hits from a poorly aimed weed whacker! Included silicone-filled weatherproof wire nuts allow for a secure connection of all of your wiring that will last as long as your speaker itself.

#### Flexible Mounting Options



The 1/2" threaded mount design of the satellite speaker works with the enclosed 11" mounting stake for mounting in the ground, but also utilizes the landscape lighting industry standard so that it will work with most common lighting mounts including options for mounting on any surface from a wall, to a post, or even a tree!

The custom mounting stake with a wire pass-through slot can be used in any soil from the fields of Kansas to the hardest clays of the Carolinas.

The pivoting design of the satellite allows a full 360° rotation and an angular adjustment of up to 120°. This allows precise positioning of the speaker to always provide the best sound to the preferred listening area.



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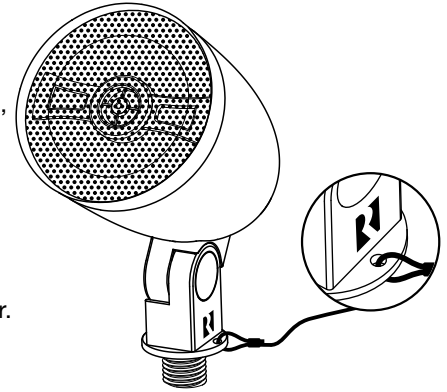
### Key Features

#### Security Wire Opening

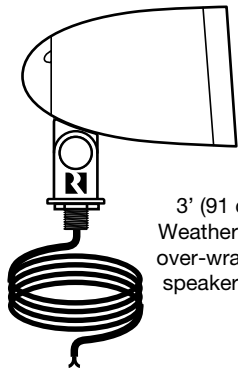
For installations where securing the speaker in its place is an important consideration, the AW4-LS-BR incorporates a 5mm hole in its base for passing a security wire. (Security wire not included)

#### Trusted 5-year Warranty

The AW4-LS-BR comes with a generous 5-year limited warranty on all parts and labor.



### Included in the Box

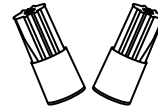


3' (91 cm)  
Weatherproof  
over-wrapped  
speaker wire

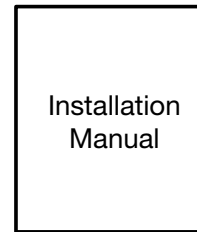
1 AW4-LS-BR  
Landscape Speaker



1 Mounting Stake  
11.5" (29.2 cm)



2 Waterproof  
Wire Nuts



Installation  
Manual

### Product Specifications

<b>Tweeter</b>	3/4" (19mm) Marine Grade PEI Dome
<b>Woofers</b>	4" (102mm) PP Weatherproof Cone (rubber surround)
<b>Impedance</b>	8Ω - 70/100V
<b>Frequency Response</b>	80Hz - 20kHz
<b>Recommended Power Rating</b>	20-100W RMS
<b>SPL</b>	87dB @1w/1m
<b>Tap Settings</b>	<b>70V:</b> 2W, 4W, 8W, 16W, 32W   <b>100V:</b> 4W, 8W, 16W, 32W   8Ω
<b>Product Dimensions</b>	5" dia x 7.6"L x 7.7"H" (12.7 x 19.3 x 19.6cm) (without stake)
<b>Product Weight</b>	3.6 lbs. (1.65 kg)
<b>Shipping Dimensions</b>	13" W x 12"D x 7"H (33 x 30.5 x 17.8cm)
<b>Shipping Weight</b>	4.6 lbs. (2 kg)
<b>Parts and Labor Warranty</b>	5 Year





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### The Story Behind Russound

# The Russound Difference from Design to Installation



## About Russound

Russound was founded in 1967 in Newmarket, NH. Russound was one of the first companies to embrace multiroom audio and became a leader in the custom installation channel.

Over the decades, Russound has sold millions of volume controls and our speaker selectors, amplifiers and multiroom distributed audio systems have become the industry standard. With systems that scale up to homes as large as 48 independent zones of audio, Russound has products that are sure to meet any installation need. While many of Russound's products are hidden from view, our award-winning user interfaces provide elegant, intuitive control options for homeowners to easily access their favorite music from anywhere in their home.

Throughout its rich history, Russound has received many industry awards for product design and has patented several key technologies for the custom installation field. While not a famous brand name to the typical consumer, Russound is one of the best known and trusted brands among audio installation specialists around the world.

The Russound website at [www.russound.com](http://www.russound.com) has all of the core consumer-level information about our key products, while our registered dealers have additional access to installation manuals, tech tips, white papers, product imagery, and system wiring diagrams that are of use to any installation professional.

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