



Product Guide

AW10-LSUB-BR 10" In-ground Subwoofer



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 AW10-LSUB-BR is designed to add enhanced low frequency response to any outdoor audio system. While designed to be paired with our AW4-LS-BR landscape satellite loudspeaker, the unobtrusive design of the AW10-LSUB-BR after installation means that this powerful subwoofer can be easily added to any outdoor audio system.

With premium components selected for both durability and audio quality, the AW10-LSUB-BR is designed to enhance audio performance with a large 10" woofer that is completely hidden out of sight with only a small canopy visible that mimics other outdoor vents and exhausts and disappears into the scenery.

By adding this full bandpass design subwoofer to your audio installation, you are able to overcome the greatest obstacle to good outdoor sound, the lack of adequate bass response. An open environment is the most difficult for achieving adequate sound levels of low frequency sounds such as the bass effects required for modern music. By adding the AW10-LSUB-BR where needed in an installation, the entire system sound quality can be easily improved.



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Key Features

Rugged, All-Weather Construction

The materials chosen for the AW10-LSUB-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 this powerful subwoofer to blend into the background of any landscape outside their home. The subwoofer body is made of rigid PVC with a flexible silicone elbow that allows for an easy installation and minor adjustments for height/rotation of the subwoofer and its canopy. The high rigidity yet light and nimble polypropylene cone combined with the heavy-duty butyl-rubber surround of the woofer can handle the extremes of pounding bass while simultaneously dealing with Mother Nature, withstanding sun and storm, and temperatures ranging from Maine winters down to -15° F to desert-like highs all the way up to 160° F.

The visible parts of the subwoofer after installation, the tube and canopy, are both made of color-molded ASA, for maximum UV protection and resistance to chipping, fading, or peeling. Their subtle coloring allows them to blend into the background, disappearing from sight while adding superb bass performance to the system.

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.

Impressive Audio

With an impressive 10" woofer designed for high-power handling of up to 200 watts, the AW10-LSUB-BR is just what your audio system needs to add a richness and fullness to the sound quality of any outdoor speaker installation.

The full bandpass design allows for an easy connection with any amplifier system, and the integrated internal 70V/100V transformer allows for easy connections with both high and low impedance audio systems.

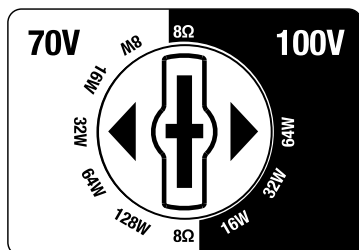
The lightweight, rigid construction of the woofer's polypropylene cone complements the overall acoustic design to produce an impressive SPL level of 90dB (@1w/1m). The frequency response of this powerful subwoofer covers from 30 Hz to 200 Hz, adding a welcome new dimension to your outdoor sound.



Easy Wiring Connections

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, including subwoofers, 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. The AW10-LSUB-BR also incorporates a transformer bypass setting so that the subwoofer can truly shine as a traditional low impedance speaker operating at 8Ω.

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



70V – 8W, 16W, 32W, 64W, 128W
100V – 16W, 32W, 64W
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 and can be modified without changing any wiring connections.

Trusted 5-year Warranty

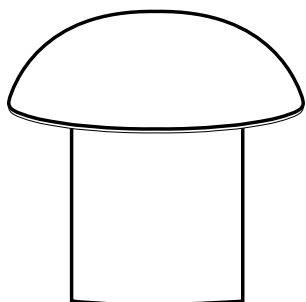
Russound's AW10-LSUB-BR landscape subwoofer offers a generous 5-year limited warranty on all parts and labor.



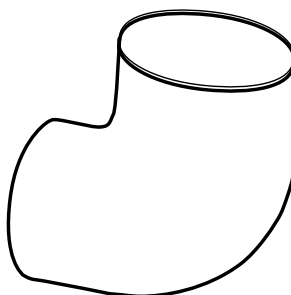
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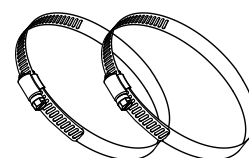
Included in the Box



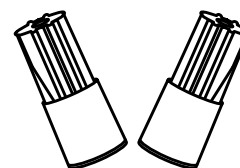
Canopy



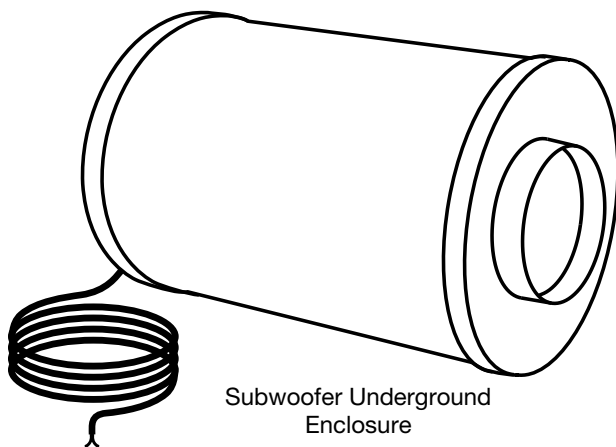
Silicone Elbow



2 Stainless Steel
Clamps



2 Waterproof
Wire Nuts



Subwoofer Underground
Enclosure

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

Installation
Manual

Product Specifications

Woofers	10" (254mm) PP Weatherproof Cone (rubber surround)
Impedance	8Ω - 70/100V
Frequency Response	30Hz - 200kHz
Recommended Power Rating	20-100W RMS
SPL	90 dB @1w/1m
Tap Settings	70V: 8W, 16W, 32W, 64W, 128W 100V: 16W, 32W, 64W 8Ω
Product Dimensions	Woofers Enclosure: 12.7" dia x 18.3"L (32.3 x 46.5cm) Canopy: 10.8" dia (27.4)
Product Weight	29 lbs (13.1 kg)
Shipping Dimensions	23.2" W x 15.7"D x 29"H (59 x 40 x 73.7cm)
Shipping Weight	37.9 lbs (17.2 kg)
Parts and Labor Warranty	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 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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