




# UNIQUE



## BOLLARD LANDSCAPE SPEAKERS

Completely unique in concept and design, the Bollard tackles the challenge of producing bass response from individual outdoor speakers in a very attractive aesthetic. While large subwoofers are often buried in the ground the requirement to have the sub somewhat close to the mid/high frequency satellites can cause some design challenges. Origin has it covered.



The Bollard also has two dispersion options. One is omnidirectional allowing sound to project 360 degrees from the enclosure. The second is accomplished with an insert to limit the sound to half of the dispersion or 180 degrees from the enclosure. This is perfect for border areas where you are concerned about unwanted sound spilling into a neighbor's yard or an area where the music is simply unwanted.

## ■ ATTRACTIVE & BOLD.

Available In Round or Square Shell, Silver, Bronze or Black Colors, 360° or 180° Sound Dispersion.



## PEAK PERFORMANCE.

Each Bollard has its own 6 ½-inch sub in the base of each enclosure. Burying the small sub base in the ground, the larger portion of the enclosure is hidden from sight. The upper structure is a round enclosure design and houses the 4-inch mid/high frequency transducer 18-inches above the ground. A 70v transformer with 30w, 50w and an 8 ohm tap makes the speaker a perfect choice regardless of the size and number of speakers needed. DSP settings for the Bollard, in the Origin DSP3-700 amplifier, assure peak performance from the system.




**DSP3-700 - ONLY AMPLIFIER PURPOSE BUILT FOR OUTDOOR SYSTEMS !**

## BOLLARD IN DETAIL.

The mid/high frequency driver is down firing and reflects off of an acoustic lens that can be omnidirectional or limited to 180 degrees. These configuration options allow for substantial flexibility in system design and layout. The result is a round or square aesthetic structure extending out of the ground approximately 18-inches. The sub is ported out of the same opening as the mid/tweeter, so the sonic effect is very cohesive.



Seasons Landscape Specifications			
<b>MODEL</b>	<b>LSB64RDS360K</b>	<b>LSB64RDBR360K</b>	<b>LSB64RDBL360K</b>
<b>PART</b>	<b>LSB64RDS360000K</b>	<b>LSB64RDBR360000K</b>	<b>LSB64RDBL360000K</b>
Woofer	6 ½" Poly Woofer	6 ½" Poly Woofer	6 ½" Poly Woofer
Midrange	4 ½" Aluminum	4 ½" Aluminum	4 ½" Aluminum
Tweeter	1" PEI	1" PEI	1" PEI
Frequency Response	48HZ - 20KHZ	48HZ - 20KHZ	48HZ - 20KHZ
Subwoofer Diameter	12 ½" (315mm)	12 ½" (315mm)	12 ½" (315mm)
SAT Diameter	5 ½" (140mm)	5 ½" (140mm)	5 ½" (140mm)
Power RMS	60W	60W	60W
Power Peak	100W	100W	100W
Impedance	6 Ohm (Sub) / 4 Ohm (Sat)	6 Ohm (Sub) / 4 Ohm (Sat)	6 Ohm (Sub) / 4 Ohm (Sat)
Mounting Depth	8 ½" (212mm)	8 ½" (212mm)	8 ½" (212mm)
<b>MSRP</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$1,500</b>
<b>DEALER</b>	<b>\$675</b>	<b>\$675</b>	<b>\$675</b>

Seasons Landscape Specifications			
<b>MODEL</b>	<b>LSB64SQS360K</b>	<b>LSB64SQBR360K</b>	<b>LSB64SQBL360K</b>
<b>PART</b>	<b>LSB64SQS360000K</b>	<b>LSB64SQBR360000K</b>	<b>LSB64SQBL360000K</b>
Woofer	6 ½" Poly Woofer	6 ½" Poly Woofer	6 ½" Poly Woofer
Midrange	4 ½" Aluminum	4 ½" Aluminum	4 ½" Aluminum
Tweeter	1" PEI	1" PEI	1" PEI
Frequency Response	48HZ - 20KHZ	48HZ - 20KHZ	48HZ - 20KHZ
Subwoofer Diameter	12 ½" (315mm)	12 ½" (315mm)	12 ½" (315mm)
SAT Diameter	5 ½" (140mm)	5 ½" (140mm)	5 ½" (140mm)
Power RMS	60W	60W	60W
Power Peak	100W	100W	100W
Impedance	6 Ohm (Sub) / 4 Ohm (Sat)	6 Ohm (Sub) / 4 Ohm (Sat)	6 Ohm (Sub) / 4 Ohm (Sat)
Mounting Depth	8 ½" (212mm)	8 ½" (212mm)	8 ½" (212mm)
<b>MSRP</b>	<b>\$1,500</b>	<b>\$1,500</b>	<b>\$1,500</b>
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## BOLLARD LANDSCAPE DESIGN.

Here is an example of a typical Bollard layout. With the dispersion at 360°, the bollards can be placed in positions to maximize coverage. If you need to restrict the sound to a 180° pattern to avoid areas you would prefer to be quieter, make sure to order the 180° model, as field modification of the dispersion pattern is not an option.

