

# SB 10i ULTRA-COMPACT SUBWOOFER



- Ultra-compact 10" subwoofer
- Sleek, elegant design
- Infra low-frequency down to 27 Hz
- Compact size
- Designed for compact short-throw loudspeakers
- Integration in-wall and in-ceiling



## ELECTRO-ACOUSTICS



SB10i is an ultra-compact subwoofer designed to extend the bandwidth of small format point sources or colinear sources in installation applications requiring discretion and elegance. SB10i features one direct-radiating 10" transducer mounted in a bass-reflex tuned enclosure. Its slim profile enables on-wall and on-ceiling mounting but also in-wall and in-ceiling integration, making it ideal for residential, commercial, luxury and hospitality spaces, museums, and more.

SB10i provides low-frequency content down to 25 Hz and an output of 119 dB Max SPL when decoupled from the main loudspeakers, and using the 60 Hz preset. In coupled configurations, SB10i can be driven by two presets, 100 Hz and 200 Hz, providing 122 dB and 124 dB of Max SPL respectively.

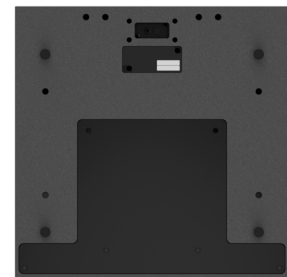
Like the largest concert-grade subwoofers, SB10i features L-Vents laminar vents that substantially reduce turbulence and port noise at high levels while also increasing LF efficiency.

## PHYSICAL

The SB10i enclosure is constructed of premium grade Baltic beech and birch plywood to ensure maximum acoustical and mechanical integrity. Its elegant design with a single rear technical interface housing all mounting points and speaker connections is ideal for premium integration looking for discretion.

The thickness optimization process ensures a low weight of 15 kg / 33 lb. The slim profile and dedicated hardware allow to tuck the subwoofer away, mount it on walls and ceilings or integrate it within these. Four rubber feet stabilize the SB10i on the ground or on another SB10i.

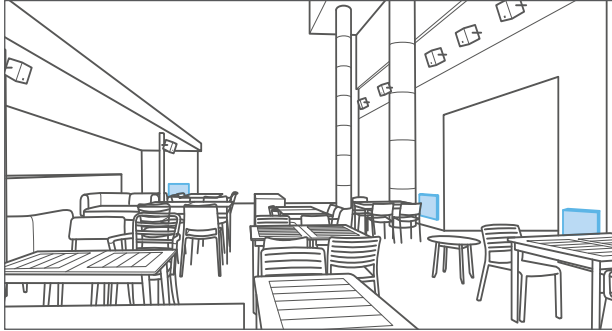
SB10i features terminal connectors behind a connector sealing plate with gland nuts. The enclosure has been weatherized to achieve an IP55 rating for outdoor operations and can be custom-colored using RAL references to melt into any venue decor.



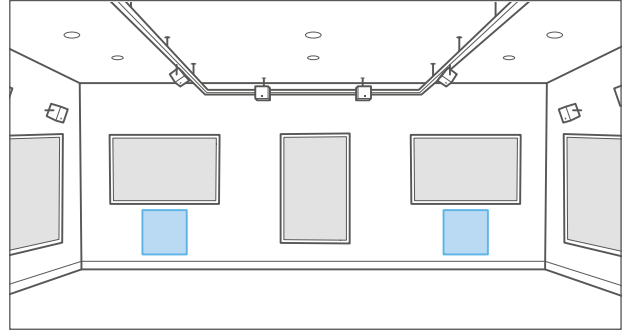
SB10i rear panel featuring all mounting points and speaker connectors

# APPLICATIONS

SB10i is the ideal companion subwoofer to the smallest loudspeakers providing concert-like dynamic and sub-frequency extension for background music in premium commercial venues, music and films in high-end residential settings, experimental sound in museums or art galleries and much more. Its compact, slim profile will fit into any environment where a visually discreet yet high-performance system is desired.



Outdoor restaurant with X4i and SB10i impact mode



Museum with X4i and SB10i infra mode





# RIGGING

SB10i can be stacked on the ground or mounted on walls or on ceilings using dedicated hardware with silent blocks to reduce structural noise pollution. For the highest level of discretion, SB10i can be integrated in-wall and in-ceiling, recessed behind a custom-colored front screen.

ON-WALL / ON-CEILING	IN-WALL / IN-CEILING	STACKED
 <p><b>SB10i-onCW</b> On-wall accessory with silent blocks</p>	 <p><b>SB10r Wall</b> In-wall SB10i with silent blocks (contains the loudspeaker, the accessories and the screen)</p>	
 <p><b>SB10i-onCW</b> On-ceiling accessory with silent blocks</p>	 <p><b>SB10r Ceiling &amp; SB10r Tiles</b> In-ceiling SB10i with silent blocks for tiles or drywall ceilings (contains the loudspeaker, the accessories and the screen)</p>	

## AMPLIFIED CONTROLLERS

LA2Xi and LA4X are the recommended amplified controllers with one or two SB10i per output channel. LA12X can be used to power and control up to three SB10i per output channel.

Amplified controllers	LA7.16i	LA2Xi	LA4X	LA12X
Front and back panels				
Install / Touring	Install	Install	Install / Touring	Install / Touring
In x Out	16 x 16	4 x 4 / 4 x 3 / 4 x 2 / 4 x 1	4 x 4	4 x 4
Output power (W RMS) @ 16 ohms @ 8 ohms @ 4 ohms @ 2.7 ohms	16 x 700 W 16 x 1300 W 16 x 1100 W	4 x 200 W 4 x 360 W 4 x 640 W	4 x 1000 W 4 x 1000 W	4 x 1400 W 4 x 2600 W 4 x 3300 W
Height	2U	1U	2U	2U
Weight	17.5 kg / 38.6 lbs	4.40 kg / 9.70 lbs	11.3 kg / 24.9 lbs	14.5 kg / 32 lbs
<b>Drive capability</b>				
Max. number of enclosures per channel	1	1	1	2
Max. number of enclosures per amplifier	16	4	4	8
Max SPL ([SB10_200] preset)	124 dB	122 dB	124 dB	124 dB

## ASSOCIATED ENCLOSURES

X4i



5XT

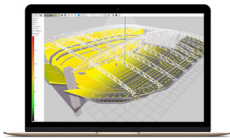


Soka



## SOFTWARE

### SOUNDVISION: simulation software



3D electro-acoustic & mechanical simulation software

### LA Network Manager: control & monitoring software



Real-time control and monitoring up to 253 units  
Multiple network topologies



SB10i



SB15m



SB18(i)



KS21(i)



K1-SB



KS28

### Subwoofers: a complete range for professional sound reinforcement

L-Acoustics subwoofers complement systems in applications where extended bandwidth is required.

All subs incorporate high excursion drivers, ultra-low vibration walls and laminar airflow L-Vents with a flared profile, resulting in dramatic reduction of port noise, maximized dynamics, power handling and an exceptional level of performance.

# SB 10i ULTRA-COMPACT SUBWOOFER



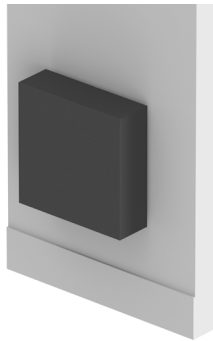
<b>Description</b>	Ultra compact subwoofer: 1 x 10" amplified by LA7.16i / LA2Xi / LA4X / LA12X		
	Preset [SB10_60]	Preset [SB10_100]	Preset [SB10_200]
<b>Low frequency limit (-10 dB)</b>	25 Hz	27 Hz	29 Hz
<b>Maximum SPL<sup>1,2</sup></b>	119 dB	122 dB	124 dB
<b>Nominal directivity</b>	Standard		
<b>Transducers</b>	1 x 10" cone driver		
<b>Acoustical load</b>	Bass-reflex, L-Vents		
<b>Nominal impedance</b>	8 Ω		
<b>Connectors</b>	4-point terminal block with push-in connection and connector sealing plate		
<b>Rigging and handling</b>	12 x M6 inserts for on-wall and on-ceiling accessories inWall, inCeiling, inTiles versions available		
<b>Weight (net)</b>	14 kg / 31 lb		
<b>Cabinet</b>	Premium grade Baltic birch plywood		
<b>Front</b>	Coated steel grill Acoustically neutral 3D fabric		
<b>Finish</b>	Dark grey brown Pantone 426 C Pure white RAL 9010 Custom RAL code on special order		
<b>IP</b>	IP55		

<sup>1</sup> Peak level at 1 m under half space conditions using pink noise with crest factor 4 (preset specified in brackets).  
<sup>2</sup> For Max SPL values using LA2Xi, refer to LA2Xi system specification sheet.

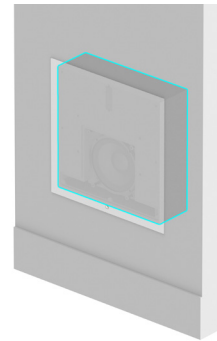
## INTEGRATION



▶ SB10i on the ground

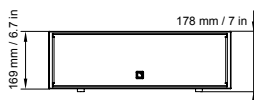


▶ SB10i on-wall / on-ceiling

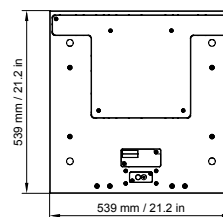


▶ SB10i in-wall / in-ceiling

## DIMENSIONS



Front



Bottom