



technical specifications BF362mkII

general

- High-output, bass-reflex loaded subwoofer system
- Double extended-excursion vented-spider 18" woofers
- X-Venting™ for improved breathing and reduced port compression
- Optimal drive performance with ALC amplified loudspeaker controller
- SIS™ pre-wired for very high damping and further reduced distortion
- Front-positioned NL4 connector for easy cardioid connection



description

The BF362 is a high-performance subwoofer system, designed to deliver tight and accurate bass response with very low distortion.

It features double 18" long-excursion woofers, with vented double-spider frame and 4" voice-coil, for a stable and prolonged high output.

Each direct-radiating woofer is mounted in its own individually-vented chamber; exiting into the X-Venting™ bass reflex port: This centrally located port takes more than 25% of the baffle surface and is designed to maximise the system's breathing capacity, increasing overall output while minimising port-compression.

The double baffle board and the combination of complex internal panel lay-out with extensive bracing brings a rigid structure with a high enclosure stiffness from a relatively low-weight package. It is finished in Durotect™ scratch-resistant coating and is fitted with 8 handles for easy logistics (road-version).

The BF362 is driven and controlled by the ALC amplified loudspeaker controller, for maximum sound quality and output power with long-term operation reliability. The integrated factory presets in the drive processor of the ALC offer gain, phase and filtering matching with all Alcons top systems; Also selectable response characteristics are available; "sub", "bass",

“punch”, as well as cardioid projection control presets. The additional front-positioned NL4 connector caters for easy “reverse connection” in cardioid arrays.

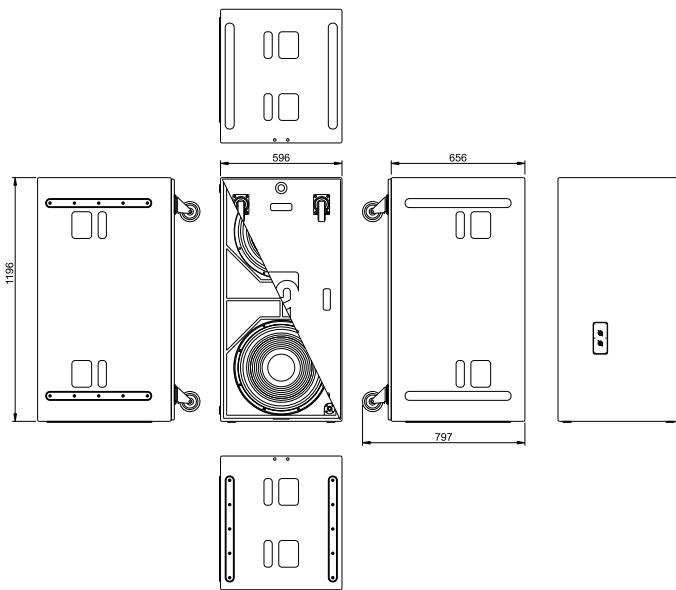
The BF362 is SIS™ pre-wired: Through the Signal Integrity Sensing circuit of the ALC, the cable-length and connector resistance between the BF362 and

ALC is dynamically compensated (system damping factor 10.000), further reducing distortion, while increasing response accuracy.

The BF362 is available in road-version and installation (“i”) version, without handles and wheel dolly board. Through the Architect Color Option™ program, the BF362i can be finished in any RAL™ color.

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dimensional drawing



technical specifications

Frequency response	38 Hz – 150 Hz	(+/- 3 dB)
	31 Hz -	(+/-10 dB)
Sensitivity nominal	102 dB (40 - 100 Hz)	
Nominal impedance	4 ohms	
Recommended drive	Sentinel10	
Nominal SPL peak	136 dB (Sentinel10 40 - 100 Hz)	
	141 dB (comparative)	
Dispersion H x V	omni / (hyper)cardioid in array with processing	

physical specifications

System	subwoofer, front loaded	
Drivers LF	2x AW18.4-8 18", centrally vented	
Connectors	3x Speakon NL4 input/link (2 rear, 1 front)	
Physical dimensions	mm	inches
Height	1196	47,1
Width	596	23,5
Depth	656	25,8
Weight (approx.)	kg	lb
BF362	94,4	208,1*
BF362i	82,5	181,9
Warranty	6 years limited	
	*incl. wheel board	

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