



technical specifications BF302mkII

general

- High-output, direct-radiating double 15" subwoofer system
- Extended-excursion vented-spider 15" woofers
- Individual vents/chambers for improved breathing capacity
- 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 BF302 is a high-performance subwoofer system, delivering tight and accurate bass response with very low distortion. It features double 15" 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 with large bass reflex ports for excellent 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).

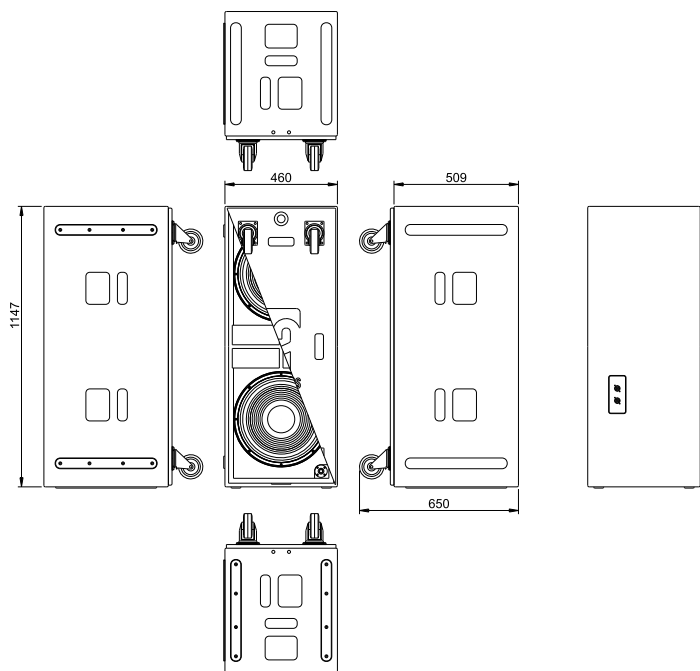
For full system performance, the BF302 is driven and controlled by the ALC amplified loudspeaker controller; Driven by the ALC, the BF302 delivers maximum sound quality and output power with long-term operation reliability. The integrated factory presets in the drive processor of the ALC offer gain, phase and filtering matching with all Alcons top systems, including cardioid projection control presets. The additional front-positioned NL4 connector caters for easy "reverse connection" in cardioid arrays.

The BF302 is SIS™ pre-wired: Through the Signal Integrity Sensing circuit of the ALC, the cable-length and connector resistance between the BF302 and ALC is dynamically compensated (system damping factor 10.000), further reducing distortion, while increasing response accuracy.

The BF302 is available in road-version and installation ("i") version, without handles and wheel dolly board. Through the Architect Color Option™ program, the BF302 can be finished in any RAL™ color.

technical specifications BF302mkII

dimensional drawing



technical specifications

Frequency response	40 Hz – 300 Hz	(+/- 3 dB)
	34 Hz -	(+/-10 dB)
Sensitivity nominal	100 dB (40 - 100 Hz)	
Nominal impedance	4 ohms	
Recommended drive	Sentinel10	
Nominal SPL peak	134 dB (Sentinel10 40 - 100 Hz)	
	139 dB (comparative)	
Dispersion H x V	omni / (hyper)cardioid in array with processing	

physical specifications

System	subwoofer, front loaded		
Drivers LF	2x AW15.4 15", centrally vented		
Connectors	3x Speakon NL4 input/link		
	(2 rear, 1 front)		
Physical dimensions	mm	inches	
	Height	1147	45.2
	Width	460	18.1
Depth	509	20.0	
	Weight (approx.)	kg	lb
BF302	75,9	167.3*	
	BF302i	65,6	144.6
Warranty	6 years limited		
	* incl. wheel board		

A: Alcons Audio B.V
De Corantijn 69
1689 AN Zwaag
The Netherlands

E: info@alconsaudio.com
W: www.alconsaudio.com
T: +31 (0) 229 28 30 90
F: +31 (0) 229 28 30 99