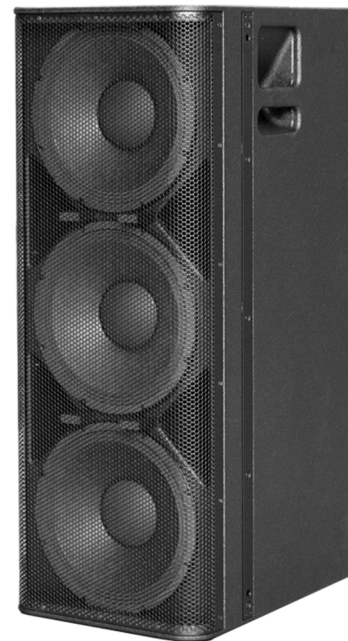




technical specifications QB363 mkII

general

- Modular scalable LF column array system, for each size venue / application
- Height and design-matching with QRP40 point-source column
- Tight driver arrangement for optimal LF array coupling
- All-Neodymium 12" drivers for excellent performance-to-weight ratio
- SIS™ pre-wired for very high damping and further reduced distortion
- Shallow form factor and ACO™ color option for unobtrusive, "stealth" deployment



description

The QB363 mkII is a modular column bass system to be used in both permanent and (limited) portable applications. It is designed as the low-frequency extension (LFE) system to the Q-series line-source column systems; However, it can be used as arrayable LFE system with any Alcons system.

The QB363 can be stacked or flown in multiples, making it an ideal building block to form bass arrays, for obtaining low frequency projection and throw control in acoustically challenging spaces or long-throw applications. The controlled (cylindrical) projection of the Q-series can thus be extended down to the lower frequencies by enlarging the LFE array length through adding extra QB363 modules.

The 5.3 ohms system impedance, makes for a very efficient amplifier channel loading, when assembled with two units; An array of six 12" woofers driven by

one amplifier channel.

The system delivers a super accurate response with highest output under lowest distortion possible. The new-generation 12" transducers are fitted with a large, dual-3.5" voice-coil Neodymium motor, enabling a significantly-extended excursion, while maintaining a high sensitivity.

The direct-radiating Neodymium drivers are mounted in a vented chamber, with large, symmetrical-positioned bass reflex ports for excellent breathing capacity, increasing overall output while reducing port-compression.

The integrated mounting hardware facilitates easy coupling with other QB363 mkII (and QB242). Optional hardware enables combinations with Q-series systems, among which the QRP40 point-source

column; The shallow form-factor and Architect Color Option™ of this top/sub stack caters for a perfect, unobtrusive integration In any application, fixed or mobile.

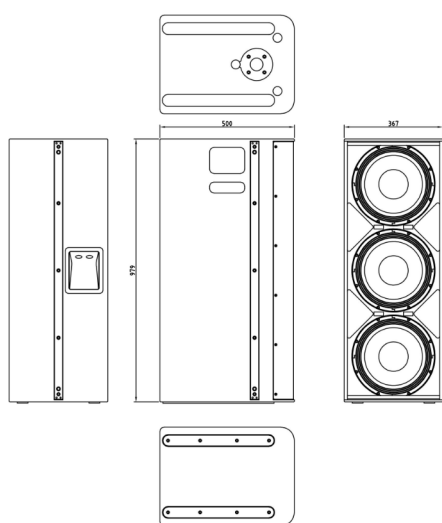
The QB363 is powered and controlled by the ALC amplified loudspeaker controller; Through the integrated processing and feedback, the ALC offers QB363-specific drive processing with optimal response and long-term reliability. The integrated

factory presets in the ALC drive processor offer gain, phase, array-length and filtering matching with all Alcons systems.

Through the Signal Integrity Sensing (SIS™) pre-wiring, the cable-length and connector resistance between the QB363 and ALC is dynamically compensated (system damping factor 10.000), further reducing distortion, while increasing response accuracy.

technical specifications QB363 mkII

dimensional drawing



technical specifications

Frequency response	45 Hz - 250 Hz (+/- 3 dB)
	438 Hz - (+/- 10 dB)
Sensitivity nominal	99 dB (40 Hz - 100 kHz)
Nominal impedance	5,3 ohms
Recommended drive	Sentinel3 min.
Nominal SPL peak	128 dB (Sentinel3 40 Hz - 100 kHz)
	133 dB (Sentinel10 40 Hz - 100 kHz)
	138 dB (comparative)
Dispersion H x V (single)	omni

physical specifications

System	subwoofer, frontloaded	
Drivers LF	3x AW12.352ND-16 12", vented	
Connectors	2x Speakon NL4 input/link	
Physical dimensions	mm	inches
Height	354	13.9
Width	950	37.4
Depth	447	17.6
Weight (approx.)	kg	lb
	45	99,2
Warranty	6 years limited	

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