



technical specifications CB362

general

- Reference-quality high-output Digital Cinema ready subwoofer system
- Double 18" long-excursion woofers with vented-spider and 4" voice-coil
- Sustained, fundamental sub response down to 20 Hz
- SIS™ pre-wired for dynamic cable compensation and further reduced distortion
- Large, centrally placed vent for improved air velocity and flow capacity
- Optionally available with kick-proof grill



description

The CB362 is a direct-radiating high-output subwoofer system for demanding cinema applications, delivering tight and accurate bass and sub response with very low distortion. It is designed to meet all requirements of current and future (Digital) Cinema sound formats.

The two direct-radiating 18" long excursion woofers with large, 4" voice-coils are mounted in an optimally vented chamber, with a large bass reflex port for excellent breathing capacity, increasing overall output while minimising port-compression. Specific attention has been paid to obtain a linear response in the operating bandwidth, while handling low frequency transients with maximum control.

The enclosure design provides for vertical or horizontal stacking and is fitted with clever reinforcements, for a rigid, resonance-free cabinet. The centrally-placed reflex vent enables maximum breathing capacity, for a sustained, fundamental sub-bass output.

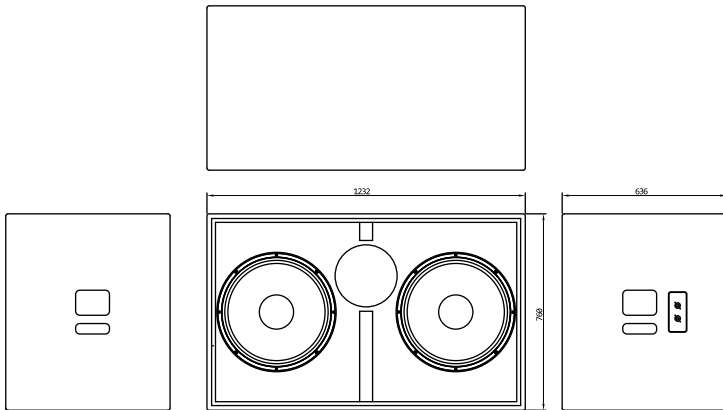
For full system performance, the CB362 is to be driven and controlled by the ALC amplified loudspeaker controller; Driven by the ALC, the CB362 delivers maximum sound quality and output power with long-term operation reliability. The integrated factory presets in the drive processor of the ALC offer gain, phase and filtering matching.

The Signal Integrity Sensing™ pre-wiring ensures complete cable/connector compensation between the CB362 and the ALC amplified loudspeaker controller, significantly increasing response accuracy, regardless of cable length and system impedance.

Especially with the cinema-typical long speaker cable runs and the subwoofer system's possible low impedance, the effect is remarkable, resulting in really tight and accurate reproduction for even the lowest octaves.

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dimensional drawing



technical specifications

| | |
|-------------------------------|---|
| Frequency response | 29 Hz - (+/- 3 dB) |
| | 20 Hz - (+/-10 dB) |
| 100 dB SPL boundary frequency | 16 Hz |
| Sensitivity nominal | 99 dB (40 Hz - 100 Hz) |
| Nominal impedance | 4 ohms |
| Recommended drive | Sentinel10, max. 1 pce. per channel (4 ohms) |
| Nominal SPL peak | 127 dB (Sentinel3 40 Hz – 100 Hz) 133 dB (Sentinel10 40 Hz – 100 Hz) |
| Dispersion H x V | omni |

physical specifications

| | | |
|---------------------|-------------------------------|----------|
| System | subwoofer, front loaded | |
| Drivers LF | 1x AW18.4-8, centrally vented | |
| Connectors | 2x Speakon NL4 input | |
| Physical dimensions | mm | inches |
| Height | 1232 | 48,5 |
| Width | 760 | 29,9 |
| Depth | 636 | 25,0 |
| Weight (approx.) | 90 kg | 194,4 lb |
| Warranty | 6 years limited | |

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