

CXL151

Bass Reflex LF Speaker



- High SPL with good End
- Stunning impulse response accuracy
- Dynamic bass even under high SPL loads
- Long excursion 15"/3" VC speaker
- 2 cabinets configurations for optimal coupling

OVERVIEW

The CXL151 is a high power mid-bass device developed to complement NEXT CXH64 (mid-high) enclosures within flown or ground stacked vertical full-range arrays.

This unit uses a single direct radiating 15" high excursion low frequency neodymium transducer that offers high power handling and low power compression for high continuous SPL capability. It shares the same modular enclosure format as the CXH64 module, allowing the systems designer to create tightly packed arrays or clusters including the use of multiple bass devices for impressive bass impact and improved vertical pattern control at low frequencies.

The addition of two or more CXL151 devices to the array will extend the vertical pattern down to the 250Hz range and lower by taking advantage of the basic acoustical principles of spaced sources. The result is outstanding directional control across the entire frequency spectrum along with exceptionally high output levels and reference quality reproduction.

Although subwoofer units are available, the CXL151, when used in pairs, avoid the need for large format ground-stacked subwoofer enclosures in many instances .

TECHNICAL SPECIFICATIONS

| Technical Data | |
|----------------------------------|--|
| Speaker Type: | Bass Reflex Speaker |
| Acoustical Data | |
| Frequency Response (-6dB): | 48Hz - 1000Hz |
| Low Frequency Extension (-10dB): | 39Hz |
| Sensitivity (1W@1m): | 104dB (Half-space) |
| Calculated Max. SPL (Cont/Peak): | 134dB/140dB (Half-space) |
| Drivers | |
| Loudspeakers: | 1 x 15" (380mm)/3" (76mm) VC, high excursion, B&C custom speaker |
| Electrical Data | |
| Program/Peak Power: | 1000W/2000W |
| Nominal Impedance: | 8 |
| Recommended Amplifier: | MA2300, MA3200 |
| Recommended High-Pass Filter: | 38Hz, 18dB/oct Butterworth |
| Recommended Low-Pass Filter: | 400Hz/24dB/oct active (external) |
| Connectors: | 2 x Neutrik NL4 parallel wired |
| Enclosure | |
| Construction: | Braced 15mm multi-laminate birch ply |
| Finish: | Textured black semi-matte coating |
| Protective grill: | Black perforated steel |
| Fittings: | Embedded rigging system |
| Handles: | 1 on each side |
| Dimensions (WxHxD): | 654 x 483 x 662 mm |
| Net Weight: | 36.6 kg |