

# 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