

Architectural Specification

The Optima B315 is a compact high-power bass enclosure designed to operate over the 40 – 135 Hz pass band. The enclosure is a special-order product, conceived as an alternative to Ethos B215, where there is no ground-stacked sub-bass element to the system. The Optima B315 can be flown above a hang of Optima 8, or flown as an independent bass hang.

The cabinet combines three off 15" long excursion cone drivers with neodymium magnet structures loaded into a twin chamber band pass structure.

The enclosure is manufactured from 18 mm birch plywood and coated in a heavy duty polyurea finish. The cabinet front has a protective steel grill coated in a water-resistant powder coat finish which has an acoustically transparent filter medium bonded to its back surface. The enclosure has a four-point fly system that allows connection of box to box, or box to fly frame. Each cabinet has four handles and the option of castors mounted directly to the rear panel.

The cabinet base has polyethylene runners and the cabinet top panel housings to aid stacking cabinets in vertical columns.

Electrical connection to the cabinet is via two parallel linked Neutrik NL4 connectors on the rear panel.

All Inspired Audio products are designed as an integrated solution complete with system amplifier options from the Eflex range. The Eflex units provide DSP preset functions, networked software control of operating parameters and output drive power. A channel of an Eflex Q20 system amplifier will drive a single Optima B315 enclosure.



Optima B315

Bass:	3 off 15" cone drivers
Frequency response:	40 Hz - 135 Hz
Sensitivity: 2.8 V/1m (Peak):	106 dB (142 dB)
Power (RMS/Peak):	3000 w/12000 w
Impedance:	2.7 ohms
Directivity:	Omni-directional
Operation mode:	Active pass band
Connection:	3 off Neutrik NL4 MP
Wiring protocol:	Input/Link: 1+/1-
Weight:	94 kg
Packaged:	100kg
Dimensions (mm):	748 w x 590 h x 760 d
Packaged (mm):	780 w x 615 h x 785 d

Options:

- Optional castor pack
- Optima System Fly frame
- Padded transit cover

(Peak SPL measurements are taken with a crest factor x4)

Inspired Audio products are designed and manufactured in England. For technical support:

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