



inspired
audio

Architectural

The Reflex B218 is a high-power sub bass enclosure designed to operate over the 34 - 95 Hz pass band. The B218 is the recommended sub bass element for Optima array systems, within the live sound and touring market. Alternatively, it can be combined with products from the MQ and Vector product ranges and is equally suited to use within fixed installation projects.

The enclosure contains dual 18" long excursion cone drivers with neodymium magnet structure and 100 mm split wound voice coils to enable very large excursion limits. This is loaded into a dual cavity direct radiating, vented and cross braced enclosure which is manufactured from 18mm 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. Each cabinet has four pairs of steel bar handles fitted to the side, top and bottom panels. The cabinet back panel has the option of being fitted with castors to aid mobility. The cabinet base has polyethylene runners and the cabinet top panel housings to ensure secure stacking of cabinets in vertical columns. The top panel also has additional housing that permit Reflex B118 cabinets to be stacked in pairs.

Electrical connection to the cabinet is via two parallel linked Neutrik NL4 connectors on the cabinet rear panel. Additionally, a third grill mounted Neutrik NL4 allows connection when the cabinet is used in cardioid mode.

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. An Eflex Q20 will drive one Reflex B218 per output channel.



Reflex B218

Sub bass: 2 off 18" cone driver

Frequency response: 34 Hz - 95 Hz

Sensitivity: 1w/1m (Peak): 103dB (144 dB)

Power (RMS/Peak): 3000 w/12000 w

Impedance: 4 ohms

Directivity: Omni-directional

Operation mode: Active pass band

Connection: 2 off Neutrik NL4 MP (rear)
1 off Neutrik NL4 MP (grill)

Wiring protocol: Input/Link: 1+/-
Grill: 1+/-

Weight (Packaged): 75.0 kg (80 kg)

Dimensions (mm): 1100 w x 507 h x 740 d

Packaged (mm): 1130 w x 532 h x 765 d

Options:

- o Padded transit cover
- o Rear panel castor pack

(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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