



Architectural Specification

The reFlex SB118 is a compact high power sub bass enclosure designed to operate over the 40 - 95 Hz pass band. The reFlex SB118 has a wide range of applications within both touring and fixed installation. It may be combined with mFlex or Axis range products or used as part of an Optima 5 system where ground stacked sub is required. The reFlex SB118 shares its physical dimensions with the reFlex B215 which makes combining them within an integrated stack a possibility.

The cabinet houses a single 18" long excursion cone driver with neodymium magnet structure which is 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. Each cabinet has four handles and the option of rear panel mounted castors. The cabinet base has polyethylene runners and the cabinet top panel housings to aid stacking cabinets in vertical columns. The top panel contains an M20 plate to allow cabinets to be pole mounted above it. Three cabinets in a vertical stack have the option of being used in a cardioid mode with the bottom cabinet inverted.

Electrical connection to the cabinet is via either two parallel linked Neutrik NL4 connectors on the rear panel allowing a direct connection from an eFlex Q20 system amplifier. Alternatively a third Neutrik NL4 connector allows a bridged input from an eFlex Q5 system amplifier. An additional Neutrik NL4 on the front grill allows connection from an eFlex Q20 when a cabinet is inverted 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. A pair of bridged eFlex Q5 output channels will drive two SB118 enclosures while an eFlex Q20 will drive four SB118 enclosures per output channel.



reFlex SB118

Sub bass: 1 off 18" cone driver

Frequency response: 40 Hz - 95 Hz

Sensitivity: 1w/1m (Peak): 98 dB (135 dB)

Power (RMS/Peak): 1200 w/4800 w

Impedance: 8 ohms

Directivity: Omni-directional

Operation mode: Active pass band

Connection: 4 off Neutrik NL4 MP

Wiring protocol: Bridge input: 1+/2+
Direct input/Link: 1+/1-
Cardioid grill input: 1+/1-

Weight (Packaged): 50 kg (53.4 kg)

Dimensions (mm): 700 w x 505 h x 695 d

Packaged (mm): 730 w x 550 h x 725 d

Options:

- o Rear panel mounted castors
- o K&M screw in distance pole
- o 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:

E: chris.scott@inspired-audio.co.uk
or visit the website

W: www.inspired-audio.co.uk

Revision: 15 - (09/02/2016)