



### **Architectural Specification**

The reFlex SB121 is a high power sub bass enclosure designed to operate over the 34 – 95 Hz pass band. The reFlex SB121 has a range of applications within both touring and fixed installation. It may be combined with mFlex iQ or MQ range products within fixed installation or used as a ground stacked infra sub bass for larger Optima array touring systems.

The cabinet houses a single 21" long excursion cone driver with neodymium magnet structure which is loaded into a twin chamber band pass structure. The enclosure 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 handles and the option of rear panel mounted castors. The cabinet base has polyethylene runners and the cabinet top panel housings to aid cabinets when stacked in vertical columns. 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 a single SB121 enclosure, while an eFlex Q20 will drive two SB121 enclosures per output channel.



## reFlex SB121

**Sub bass:** 1 off 21" cone driver

**Frequency response:** 34 Hz - 95 Hz

**Sensitivity: 1w/1m (Peak):** 99 dB (137 dB)

**Power (RMS/Peak):** 1700 w/6800 w

**Impedance:** 4 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):** 55 kg (59 kg)

**Dimensions (mm):** 700 w x 590 h x 695 d

**Packaged (mm):** 730 w x 635 h x 725 d

### **Options:**

- o Rear panel mounted castors
- 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:

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