



Architectural Specification

The reFlex DR118 is a compact high power sub bass enclosure designed to operate over the 40 - 95 Hz pass band. The DR118 is a portable product with applications within all aspects of live performance where it can be combined with products from the Axis or mFlex ranges. The products' compact size also makes it well suited for combining with the mFlex iQ range within fixed installation.

The cabinet contains an 18" long excursion cone driver with neodymium magnet structure. This is loaded into a 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 a pair of steel bar handles fitted to the side panels and the option of a padded cover to aid protection during transit. The cabinet back also has the option of being fitted with 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.

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.

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 DR118 enclosures while an eFlex Q20 will drive four DR118 enclosures per output channel.



reFlex DR118

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: 3 off Neutrik NL4 MP

Wiring protocol: 1+/1- = Cabinet input
2+/2- = Feed to 1+/1- on
Aux output connector

Weight (Packaged): 36.7 kg (39.2 kg)

Dimensions (mm): 507 w x 565 h x 570 d

Packaged (mm): 565 w x 615 h x 620 d

Options:

- o K&M screw in distance pole
- 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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