



inspired
audio

Architectural Specification

The reFlex DR115 is a compact high power bass enclosure designed to operate over the 45 - 150 Hz pass band. The DR115 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 a 15" 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 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.

Electrical connection to the cabinet is via two parallel linked Neutrik NL4 connectors on the rear. The connection panel also features a Neutrik NL4 auxiliary output which allows an additional cabinet which inputs on circuit 1+/1- to be powered from main input circuit 2+/2-. This enables two cabinets to be combined on a 4-core bi-amp feed direct from an eFlex 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 channel of an eFlex Q5 or eFlex Q20 will drive two reFlex DR115 enclosures.



reFlex DR115

Bass: 1 off 15" cone driver

Frequency response: 45 Hz - 150 Hz

Sensitivity: 1w/1m (Peak): 99 dB (133 dB)

Power (RMS/Peak): 600 w/2400 w

Impedance: 4 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): 25.8 kg (27.8 kg)

Dimensions (mm): 507 w x 445 h x 500 d

Packaged (mm): 537 w x 490 h x 530 d

Options:

- 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:

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