



### Architectural Specification

The Reflex FDR218 is a high-power sub bass enclosure, which employs fluid dynamic porting technology to substantially increase the enclosures acoustic output at and above the tuning frequency. To achieve this the central port has a flared profile terminated with an end radius. The enclosure is loaded with dual 18" long excursion sub bass cone drivers with neodymium magnet structures and 100 mm voice coils that retain enough speed to accurately reproduce faster bass tones, as well as delivering lower and slower sub bass weight. The drivers are loaded into a heavily braced common back cavity.

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 cloth medium bonded to its rear surface. Each cabinet has six handles mounted on the end panels and polyethylene coated runners on the base panel. The top panel has housings to aid stacking cabinets in vertical columns. Three cabinets in a vertical stack have the option of being used in a cardioid mode with the bottom cabinet being inverted.

Electrical connection to the cabinet is via two parallel linked Neutrik NL4 MP connectors on the rear panel allowing a direct connection from an Eflex Q20 system amplifier. The grill has a further NL4 MP for use in cardioid applications.

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 Q20 will drive a single FDR218 enclosures per output channel.



## Reflex FDR218

**Bass:** 2 off 18" cone drivers

**Frequency response:** 37 Hz - 95 Hz

**Sensitivity: 2.8 V/1m (Peak):** 103 dB (144 dB)

**Power (RMS/Peak):** 3000 w/12,000 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:** 1+/- Input  
2+/- No connection

**Weight (Packaged):** 80.00 kg (85.00 kg)

**Dimensions (mm):** 1243 w x 507 h x 700 d

**Packaged (mm):** 1273 w x 532 h x 725 d

### Options:

- Padded transit cover
- Rear panel mounted castor pack
- Optional installation specific version

**(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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