



F R I  
S P E A K E R  
S Y S T E M S

General Product Description

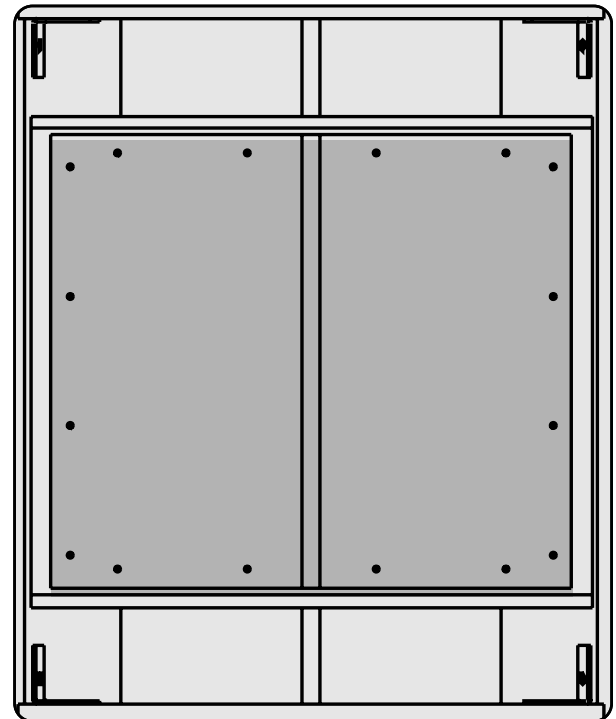
A dedicated passive subwoofer system, with biamp option, in a vented slot load design trapezoidal enclosure. Includes an 18-inch woofer. Designed as a suspendible enclosure.

Applications

The FRi-181S provides high output low bass response in an enclosure designed to compliment the other models in the FRi line. The vented slot loaded design extends LF response and improves output. The versatile, compact enclosure features a comprehensive system of 3/8-16 thread mounting/suspension points, to allow vertical or horizontal mounting. The FRi series is 28-inches high, creating a uniform look in arrays. Five year warranty.

Applications include:

- Stadiums
- Houses of Worship
- Live music clubs
- Arenas
- Discos
- Gymnasiums



Speaker Description

Part Number	1152-3340
Components & Loading	DL18BFH 18-inch woofer in vented slot load design
System Configuration	Dedicated Subwoofer
Powering Configuration	Passive or Biamp
Recommended High-Pass Frequency (12 dB/octave min.)	40 Hz
Cabinet Type (shape)	Trapezoidal
Enclosure Materials	13-ply Birch plywood
Finish	Black Acrylic
Connectors	2 x 2 barrier strip
Suspension Hardware	(16) 3/8 -16 threaded mounting/suspension points (4 each top, bottom, sides)
Grille	Powder-coated perforated 16GA steel
Options	WH - white acrylic finish UN - unfinished

Speaker Characteristics

**Frequency Response (passive)**  
 ±3 dB 45 Hz-160 kHz  
 -10 dB 36 Hz-250 kHz

**Axial Sensitivity (full-space/half-space)**  
 (SPL/1 watt/1m) 97 dB/100 dB

**Impedance** 8 ohms

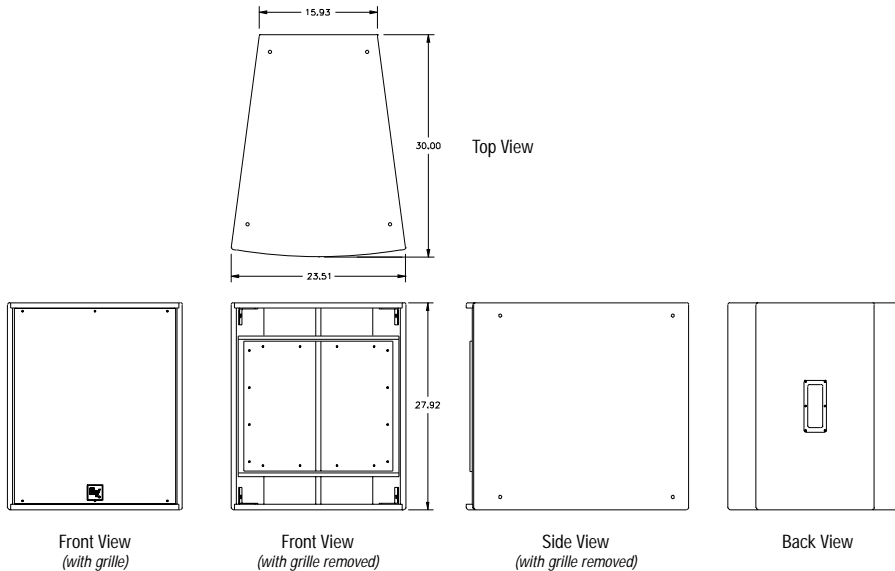
**Power Handling**  
 Passive Long-term (EIA) 400 watts  
 Short-term peak 1,600 watts

**Calculated Maximum Output SPL (full-space/half-space)**  
 Peak 129/132 dB  
 Long Term 123/126 dB

**Nominal Coverage Angle**  
 Horizontal (-6 dB) 300°  
 Vertical (-6 dB) 270°

**Dimensions**  
 Height 28.0 in. (711 mm)  
 Width in front 23.5 in. (597 mm)  
 Width in back 16.0 in. (406 mm)  
 Depth 30.0 in. (762 mm)  
 Trapezoid Angle 7.5° per side

**Weights**  
 Net Weight 100 lb. (45.5 kg)  
 Shipping Weight 110 lb. (50.0 kg)



Architectural Specifications

The sub bass loudspeaker systems shall incorporate one passive or biampable 18" LF transducer mounted in a vented, slot-loaded enclosure tuned for optimum low frequency response.

System frequency response shall vary no more than ±3 dB from 45 Hz to 160 Hz measured on axis. The loudspeaker shall produce a sound pressure level (SPL) of 100 dB (half-space) on axis at 1 meter with a power input of 1 watt, and shall be capable of producing a peak output of 132 dB (half-space) on axis at 1 meter. The loudspeaker shall handle 400 watts, long-term of amplifier power (EIA Standard) and shall have a nominal impedance of 8 ohms.

The loudspeaker enclosure shall be trapezoidal in shape. It shall be constructed of 13 ply void-free cross-grain-laminated Birch plywood and shall employ extensive internal bracing. It shall be finished in black acrylic. Input connectors shall be 2 × 2 barrier strip. A total of sixteen 3/8-16 threaded mounting/suspension points (4 each top, bottom, sides) shall be provided. The front of the loudspeaker shall be covered with powder-coated perforated 16 GA steel grill.

The sub bass loudspeaker shall be the EV model FRI-181S.



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**USA ONLY**  
 For customer orders, contact the Customer Service department at 800/685-6386 Fax: 800/955-6831  
 For warranty repair or service information, contact the Service Repair department at 800/685-2606  
 For technical assistance, contact Technical Support at 800/234-6831  
 Please refer to User Guide Sheet for warranty information.  
 Specifications subject to change without notice.