Features:

- Maximum SPL Output 138 dB peak
- 15” Differential Drive® low-frequency drivers for low-distortion and higher SPL
- 1.5” diameter next generation JBL neodymium compression driver
- 1500W (dual 750 watt) highly efficient neodymium amplifier
- Normal and Boost user selectable EQ presets
- DSP input section, crossover, dynamic limiting, component optimization, selectable system EQ
- Wireless remote control of its onboard DSP EQ parameters via Wi-Fi. Control and configure your show from anywhere.
- Professional XLR/1/4” combination inputs, RCA inputs, and XLR loop-through
- Integrated 12 x M10 Suspension Points
- Lightweight poplar plywood cabinets made structurally sound with tongue and groove joints and protected by JBL’s tour proven DuraFlex™ finish

Application:

- This speaker is ideally suited to applications where the program material exhibits subtlety and nuance. Perfectly capable of reproducing high fidelity full range sound without a subwoofer, when coupled with the extended low frequencies of the PRX818XLF, complete control over the entire audio spectrum is attained. As with all the full-range PRX800 Series systems, two EQ selections can be used to optimize the system for the program material and/or environment. The input section also accommodates either Line or Mic/Instrument level inputs.
- The PRX835 is a self-powered, lightweight three-way loudspeaker system capable of delivering a very high level of performance over a wide bandwidth with remote Wi-Fi control of onboard DSP EQ parameters. The PRX835 is comprised of one 15 in 275G Differential Drive® woofer, a 165 mm (6.5 in) 196H horn-loaded midrange and a 2408H-2 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver mounted to a 90° by 50° horn, all driven by a 1500 watt Audio Class-D power amplifier. Sophisticated DSP is at the core of a fully featured input section, providing user selectable system EQ, protection, input sensitivity selection, cross-over functionality, dynamic limiting and discrete component optimization.
- All PRX800 cabinets are built from 18 mm, strong, light-weight poplar plywood made structurally sound with tongue and groove joints. The PRX835 features a standard 35mm pole cup that will work with most speaker poles and tripods. All PRX800 Series cabinets are protected by JBL’s tour proven DuraFlex™ finish. Grilles are made from dent-resistant 16 gauge steel and handles are made from light-weight glass-filled nylon for added strength and durability. All M10 suspension points are constructed from 14 gauge steel and have been tested with a yield-strength of 1000 lbs. Each.
- The amplifier input panel offers XLR or ¼ inch jack compatibility and a sensitivity switch provides extra flexibility, making it possible to connect literally any sound source without using a mixer. Signal present and overload lights indicate the system status and assist in setting the optimum level via the level control knobs.

Specifications:

- **System:**
  - System Type: Self Powered 15”, three-way, bass-reflex
  - Maximum SPL Output: 138 dB peak
  - Frequency Range (10 dB):
    - Normal: 35 Hz – 20 kHz
    - Boost: 34 Hz – 20 kHz
  - Frequency Response (+3 dB):
    - Normal: 42 Hz – 20 kHz
    - Boost: 39 Hz – 20 kHz
  - Input Connectors: 2 x Balanced XLR / 1/4 inch input, 2 x unbalanced RCA input
  - Input Impedance: 20K Ohms (balanced), 10K Ohms (unbalanced)
  - Signal Indicators:
    - AC Power Input: 100V - 240V ~ 50/60 Hz
    - Power: Blue indicates system has power and ready to pass audio
    - Signal: Green LED indicates signal present
    - Limit: Yellow LED indicates peak output has been reached and DSP limiter is acting
    - EQ: User selectable presets for Normal or Boost, Advanced EQ settings available using PRX Connect application via Wi-Fi
  - Dynamic Control (Input): dbx Type IV™ limiter circuit
  - Crossover: 580 Hz, 2.1 kHz

- **Amplifier:**
  - Design: Highly efficient Class-D amplifier
  - Power Rating: 1500W (750W x 2)
  - AC Power Input: 100V - 240V ~ 50/60 Hz

- **Speaker:**
  - LF Driver: 1 x JBL 275G 380 mm (15 in) woofer
  - MF Driver: 1 x JBL 196H 165 mm (6.5 in) horn-loaded midrange transducer
  - HF Driver: 1 x JBL 2408H-2 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver

- **Enclosure:**
  - Trapezoidal, 18mm, birch/poplar wooden enclosure

- **Dimensions (H x W x D):**
  - 938 mm x 446 mm x 539 mm (36.9 in x 17.5 in x 21.2 in)

- **Net Weight:** 32.38 kg (71.4 lb)

- **Gross Weight:** 38.6 kg (85.0 lb)
**PRX835 15” Three-Way Full-Range Main System**

**Dimensions in mm (in)**

**Frequency Response (Normal)**

**Frequency Response (Boost)**

**Block Diagrams**

**Dimensions**

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