



MP255S

Dual 15 Inch
Subwoofer

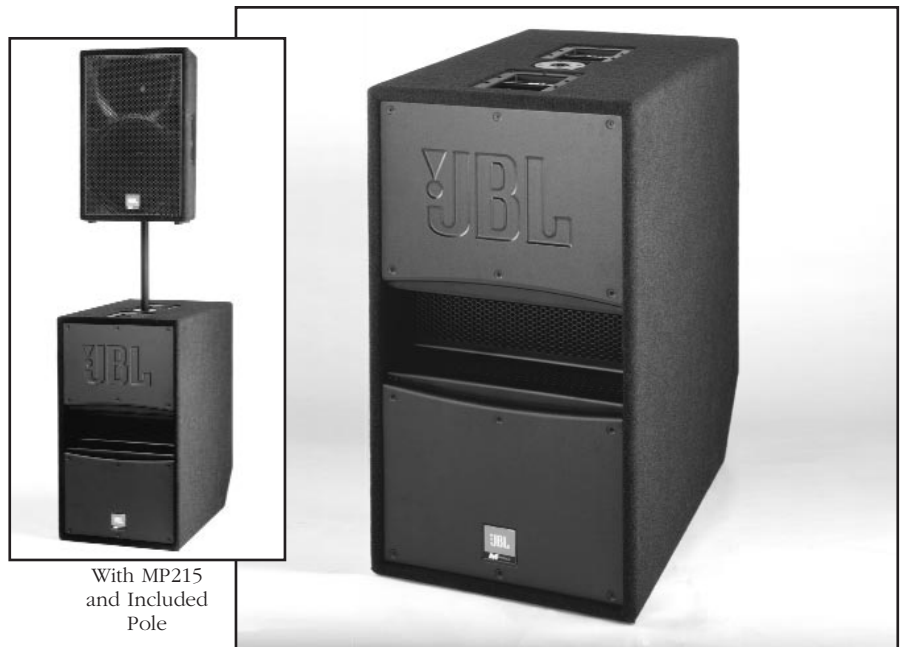


Professional Series

Key Features:

- ▶ Dual fifteen inch band-pass design puts the energy in the bass region where it's needed for "punch" and power.
- ▶ A low-pass filter is provided to block mid-range output from the subwoofer. Along with the band-pass design, this feature assures that the MP255S will combine with the mid / high speaker for excellent low-frequency performance - even without a separate subwoofer amplifier. Even greater performance and control is possible in bi-amplified configurations.
- ▶ Dual Neutrik® Speakon® NL-4 input connectors provided for secure connection and loop-through capability.
- ▶ Input connections may be reconfigured for pin 1± or pin 2± for compatibility with any cabling scheme.
- ▶ Enclosure constructed of 18 mm plywood using tongue-and-groove joint detail for durability and years of service.
- ▶ Covered in premium grade, 12 oz. carpet - the most durable and attractive carpet covering available.
- ▶ 18 gauge, hexagon perforated, steel grill.
- ▶ Heavy duty casters mounted on the rear of the enclosure for easy transport.
- ▶ 35 mm pole mount receptacle. 24 inch (610 mm) steel pole included.

The MPro MP255S is a dual fifteen inch subwoofer in a dual-tuned band-pass enclosure designed to supplement and extend the low-frequency output of full-range systems in a variety of portable and



With MP215
and Included
Pole

fixed applications. The band-pass design combined with an internal Low Pass Filter (LPF) assures solid performance in bi-amplified or single amplified systems. While configured for vertical orientation, the speaker may also be used in a horizontal position when a larger footprint and lower vertical height are preferred.

Preliminary Specifications:

System Type:	Dual 15", band-pass subwoofer
Frequency Range (-10 dB):	32 Hz - 180 Hz
Frequency Response (±3 dB):	38 Hz - 160 Hz
Sensitivity (1w/1m) ¹ :	102 dB SPL
Nominal Impedance:	4 ohms
Maximum SPL ² :	135 dB SPL
Power Capacity ³ :	500 watts
Peak Power Capacity ³ :	2,000 watts
Low Pass Filter:	300 Hz, 6 dB / octave
Dimensions (H x W x D) ⁴ :	950.2 mm x 527.1 mm x 940.2 mm (37.4 in x 20.75 in x 37.0 in)
Net Weight:	52.2 kg (115 lbs.)
Drivers:	2 x JBL M115-8A
Input Connectors:	Neutrik® Speakon® NL-4 (x2); factory wired for pin 1± operation, user configurable for 2± operation
Enclosure Construction:	Dark gray carpet covered, 18 mm plywood using tongue-and-groove joint detail
Transportability:	Two swivel and two fixed 3 inch casters; four steel handles
Included Accessories:	24 inch (610 mm), 35 mm (diameter) steel pole

¹ Half space (2 π) conditions

² Calculated half space (2 π) performance based upon Peak Power Capacity and Sensitivity

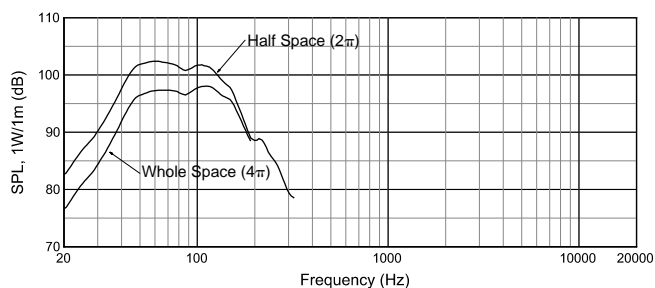
³ "Power Capacity" and "Peak Power Capacity" ratings are based on the average and peak power handling capacity of product samples subjected to a 100 hour power test of the system using AES filtered pink noise with a crest factor of 6 dB

⁴ Dimensions include feet and casters

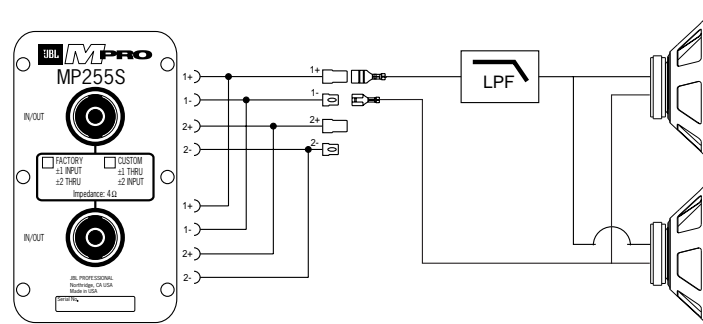
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► MPro MP255S Dual 15 Inch Subwoofer

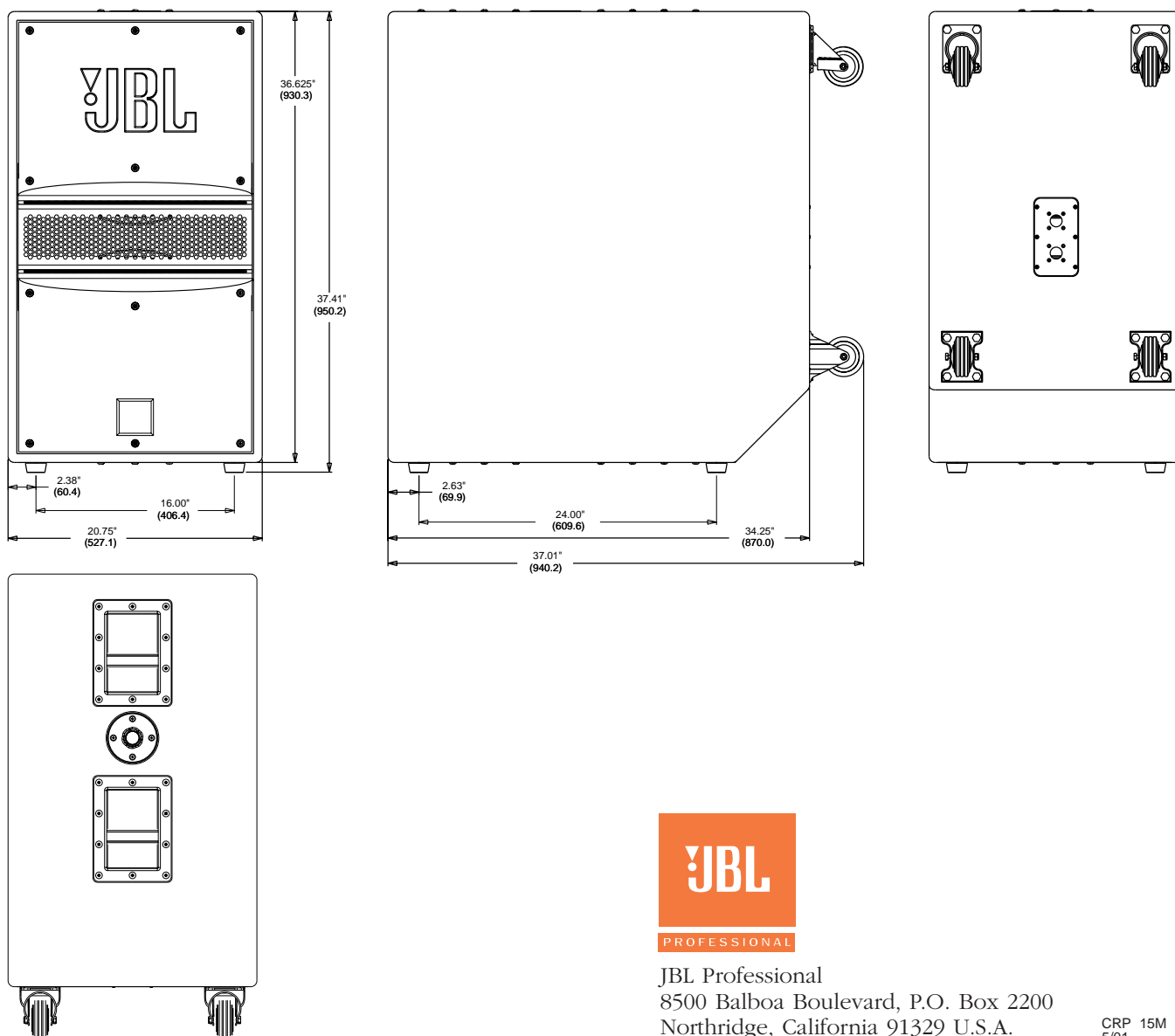
Frequency Response:



Block Diagram:



Dimensions:



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