### 18 Inch Powered Subwoofer System



**Professional Series** 

#### **Key Features:**

- ▶ 600 watt, 4 ohm VGC™ (Vented Gap Cooling) 18 inch low frequency transducer for unsurpassed performance.
- ▶ Powered By Crown® Dual channel amplifier with 660 watts RMS per channel into 4 ohms or 400 watts RMS into 8 ohms.
- Flexibility May be used with passive or powered satellite speakers.
- ► Enclosure constructed of 18 mm plywood and coated with JBL's exclusive DuraFlex™ - a rugged, advanced, poly-urea finish.
- ▶ 16 gauge, hexagon perforated, steel grill.
- ► Heavy-duty steel carry handles.
- ► Heavy duty casters mounted on the rear of the enclosure for easy transport.
- 35 mm pole mount receptacle.

The MP418SP is a compact, powered, single 18 inch, bass-reflex subwoofer system. Designed for portable applications, the MP418SP includes heavy-duty, 3 inch casters and ergonomically positioned steel carry handles to facilitate transport. A dual-channel Crown amplifier with signal processing is incorporated into the system. While one amplifier channel (the "Internal" channel) is dedicated to powering the internal 18" VGC woofer, the other channel (the "External" channel) may be used in one of two ways:

In the "Sub + Sat" mode, an MP418SP may be used with a fullrange, passive speaker for a single channel, two piece system. The external amplifier channel powers the satellite.

In the " $\underline{Sub} + \underline{Sub}$ " mode, the external amplifier channel is used to drive the MP418S (a passive version of the MP418SP). Stereo, high-passed line-outputs are provided to drive powered satellite speakers or an external amplifier / speaker system.



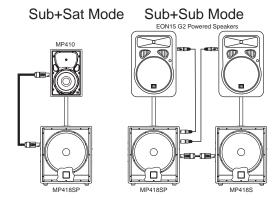
## **Preliminary Specifications:**

| Powered 18" subwoofer, bass-reflex enclosure  |
|---|
| · · · · · · · · · · · · · · · · · · ·   |
|   |
| 36 Hz - 150 Hz  |
| 40 Hz - 120 Hz  |
| 101 dB SPL  |
| 4 ohms  |
| 132 dB SPL peak   |
| 617.9 mm x 538.1 mm x 776.6 mm<br>(24.33 in x 21.19 in x 30.57 in)                                |
| 54 kg (119 lbs.)  |
| 1 x JBL 2241G   |
| SS3BK pole  |
|   |
| 660 watts @ 4 ohms (per channel)<br>400 watts @ 8 ohms (per channel)                              |
| 120 Hz  |
| 50/60 Hz (North American units are 60 Hz only);<br>120 and 230-240 VAC (±10%) units are available |
| 120 volts: 9.5 A; 230 Volts ±10%: 5.0 A   |
| No more than 90 watts   |
| 1 kHz rated power, 0.5% or less true THD from 20 Hz to 20 kHz                                     |
|   |

Half space  $(2\pi)$  conditions Calculated half space  $(2\pi)$  performance based upon Amplifier Peak Power (1400 watts) and Sensitivity

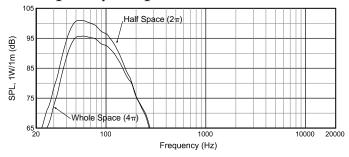
<sup>3</sup> Dimensions include feet and casters
<sup>4</sup> Standard 1 kHz Power; refers to maximum average power at 1 kHz with 0.5% THD

JBL continually engages in research related to product improvement. New materials, production methods and design refinements are introduced into existing products without notice as a routine expression of that philosophy. For this reason, any current JBL product may differ in some respect from its published description, but will always equal or exceed the original design specifications unless otherwise stated

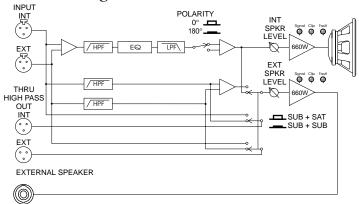


# ► MPro MP418SP 18 Inch Powered Subwoofer System

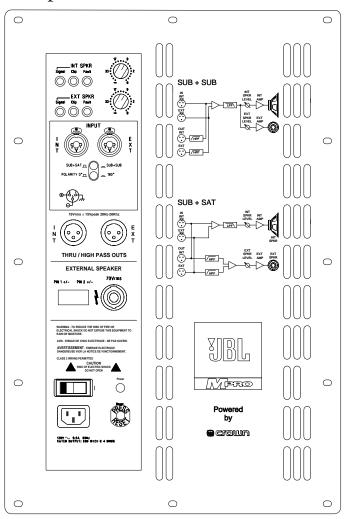
### Frequency Response:



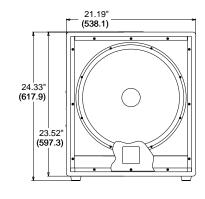
## Block Diagram:

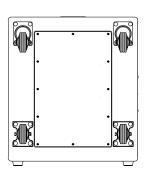


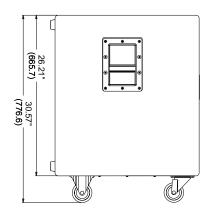
# **Amplifer Panel:**

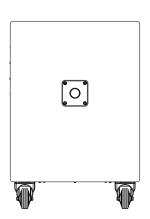


#### **Dimensions:**











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