



# JRX118SP

18 Inch  
Compact  
Powered  
Subwoofer

# JRX100

## Key Features:

- ▶ The rugged enclosure is constructed from 19 mm (3/4 in) MDF (Medium Density Fiberboard) using advanced adhesives and mechanical fastener technology for durability and improved low-frequency performance. The enclosure is covered in black carpet.
- ▶ Heavy duty, all steel handles are used.
- ▶ A top mounted, cast aluminum 35 mm pole mount receptacle can receive an optional SS3BK pole to facilitate use of the JRX118SP as a base for a mid-high speaker cabinet.
- ▶ Built-in 500 watt (peak), 300 watt (continuous) amplifier. Controls, connectors, and indicators are clearly labeled with large, high-contrast graphics for easy operation in poorly lit environments.
- ▶ Integral, preset limiter prevents clipping distortion. An LED illuminates to indicate that limiting is taking place.
- ▶ Line-level stereo inputs are summed before being sent to the subwoofer's internal amplifier. This feature allows the JRX118SP to operate in stereo systems using a single subwoofer.
- ▶ An integral crossover also provides balanced, line-level, stereo, high-passed outputs to feed powered satellite speakers or an external amplifier for passive satellites.
- ▶ A speaker-level, 1/4" TS phone jack is provided. This input is useful in applications, such as those employing powered mixers, in which it is more practical to bring a full-range, speaker-level signal to the subwoofer amplifier.

The JRX118SP is an 18 inch direct-radiating powered subwoofer. A built-in 500 watt (peak) amplifier accepts stereo or mono line level inputs via balanced, XLR connectors as well as single channel speaker level input via a 1/4 inch phone jack. Integral signal processing includes a stereo crossover and limiting for the internal amplifier. A pair of XLR output connectors may be used to pass the input signals to another system or to send a high-passed, line-level stereo signal to a pair of powered, full-range speakers.



With JR X112M and available SS3BK



The JRX118SP is designed to supplement and extend the low frequency performance of full-range systems in live sound and music playback applications. It is an excellent choice for use with powered full-range speakers or in systems using powered mixers.

## Specifications:

System Type:	Powered, 18" compact subwoofer
Frequency Range (-10 dB): <sup>1</sup>	38 Hz - 300 Hz
Frequency Response (±3 dB): <sup>2</sup>	55 Hz - 300 Hz
Nominal Impedance:	4 Ω
Rated Maximum SPL: <sup>3</sup>	123 dB peak, @1 m (3.3 ft) at 500 watts
Dimensions (H x W x D):	605 mm x 508 mm x 592 mm (23.8 in x 20.0 in x 23.3 in)
Net Weight:	40.4 kg (89 lb) including casters
Shipping Weight:	45 kg (99 lb)
LF Driver:	2043-G
Amplifier Power:	Continuous: 300 watts with < 0.2% THD Peak: 500 watts
Input Connectors:	2 x XLR/F, balanced, line level 1 x 1/4" phone jack, speaker level
Input Impedance:	Nominally 20k Ohms, electronically balanced
Input Sensitivity:	0.5 Vrms for 300 watt output (SUB LEVEL control fully clock-wise)
Maximum Input Level:	INPUTS A & B: +4 dBu (nominal), +22 dBu (max.), one channel driven
Output Connectors:	2 x XLR/M
Crossover:	LPF: 100 Hz, 24 dB / Oct Infrasonic filter: 25 Hz, 18 dB / Oct
Required AC Mains:	50/60 Hz (North American units are 60 Hz only); 120 and 230-240 VAC (±10%) units are available
AC Line Current:	120 volts: 1.4 A at 1/8 power with sine-wave input, 3.6 A at max. power with pink noise input 230-240 volts: 0.7 A at 1/8 power with sine-wave input, 1.8 A at max. power with pink noise input
Power Consumption at Idle:	No more than 20 watts

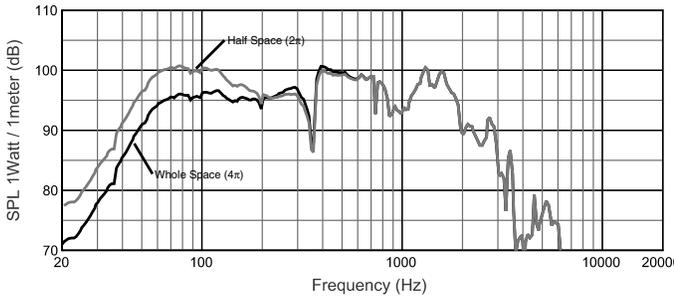
<sup>1</sup> Frequency Range and Frequency Response are based on half-space conditions.

<sup>2</sup> Calculated half-space (2π) performance based upon peak power capacity.

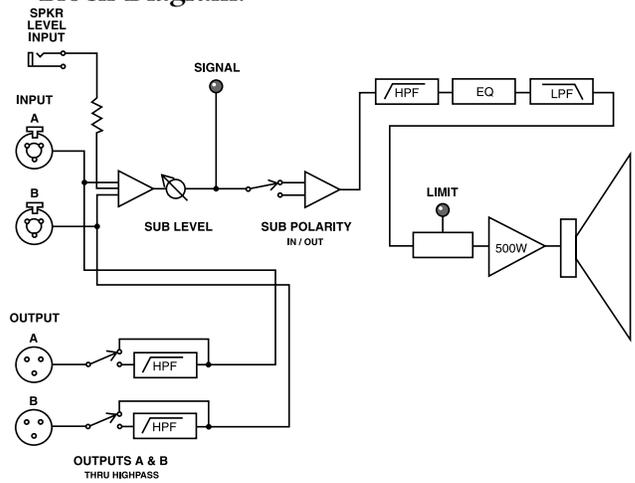
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# JRX118SP 18 Inch Compact Powered Subwoofer

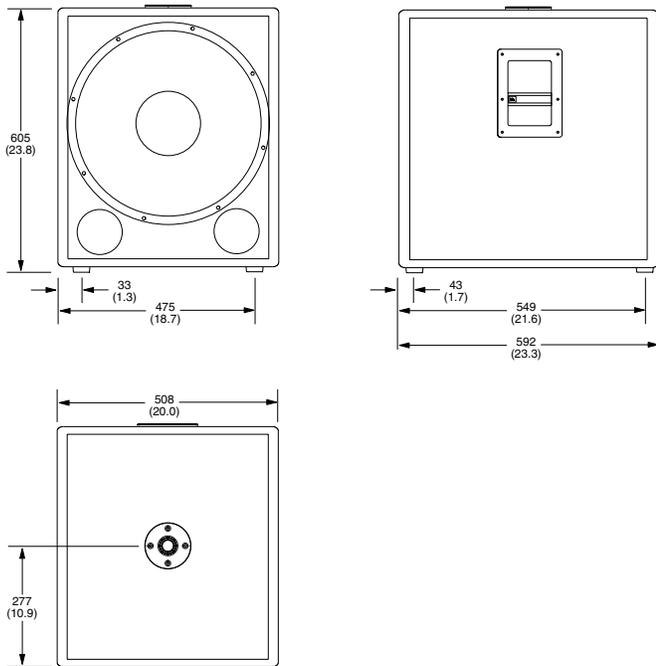
## Frequency Response:



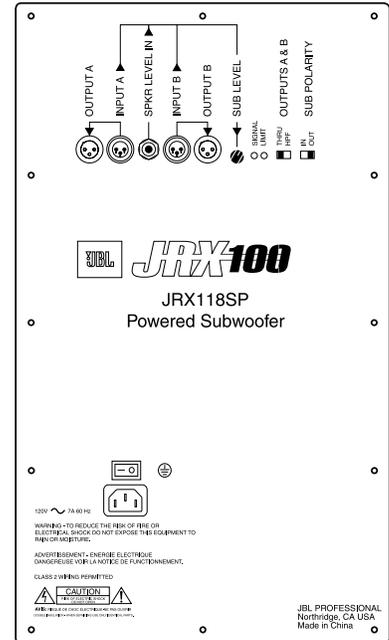
## Block Diagram:



## Dimensions



## Panel:



Dimensions in mm (in)



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