SRX918S

18-inch Powered Subwoofer



HIGHLIGHTS

BEST-IN-CLASS PERFORMANCE

JBL transducer technology delivers class-leading low frequency performance and superior dynamic range.

CONFIGURABLE

Form cardioid arrays simply by orienting the cabinets and selecting a preset.

POWERED SOLUTION

Onboard Class-D amplification and DSP provide optimum performance and consistency across the world.

COMPLETE SYSTEM

The SRX900 Series is a complete solution featuring full-range products, subwoofers, accessories, and software.

The SRX918S is a single 18-inch powered subwoofer designed to complement SRX900 Series full-range sound reinforcement systems. The subwoofer houses a JBL 2279G-1 18-inch woofer featuring Differential Drive® – JBL's dual voice coil, dual gap technology – to deliver better heat dissipation, lower power compression, and wider dynamic range than conventional single-coil designs. Built-in DSP and amplification offer a plug and play experience while providing consistency and optimum performance anywhere in the world. The SRX918S incorporates a large low frequency port design that improves airflow and reduces audible turbulence, even at high output levels. A full-featured software package gives users control of the system on various platforms, including Windows, macOS, and iPad OS.

KEY MESSAGES

PERFORMANCE

The 2279G-1 18-inch woofer delivers transparent, linear bass response down to 35 Hz. This driver uses dual three-inch voice coils and leverages JBL's patented Differential Drive technology to deliver maximum sensitivity and power handling in a light, compact design.

COMPATIBILITY

SRX900 Series subwoofers are acoustically compatible with all SRX900 full-range speakers and support 60 Hz and 80 Hz operating modes. SRX900 line arrays can be ground stacked with SRX900 subwoofers using the optional base plate accessories.

CONTROLLED COVERAGE

SRX900 subwoofers can be used in omnidirectional or cardioid configurations simply by selecting the appropriate speaker preset and cabinet orientation. The preset can be accessed directly from the rear panel LCD or via software.

POWERED SOLUTION

The fully integrated built-in amplifier and DSP are based on proven JBL technologies and explicitly packaged to fit the needs of the SRX900 Series. The DSP includes everything needed to optimize a system, including 24 user-adjustable filters, 2,000 ms of delay, and advanced features like Array Size Compensation and FIR-based Throw Distance Correction filters.

VERSATILE AND SCALABLE

The SRX900 Series offers a complete system solution, including speakers, subwoofers, accessories, and software that support a variety of configurations and simplify storage, transport, and rigging. Because systems are scalable, it's easy to start with a small system and add components over time. All SRX900 products have been designed to work seamlessly together with other JBL tour sound products, with common voicing targets and phase characteristics that ensure systems combine coherently.

TECHNICAL SPECIFICATIONS

ACOUSTICAL

Frequency Range	
(-10 dB) :	35 Hz-100 Hz (Preset: 80 Hz)
(-3 dB) :	45 Hz-80 Hz (Preset: 80 Hz)
Coverage Pattern Options[1] :	Omnidirectional or Cardioid
Maximum Peak Output[2] :	134 dB SPL (Preset: 80 Hz)
System Type :	Powered subwoofer

TRANSDUCERS

Low Frequency :	(1) JBL 2279G-1, 18 in diameter, 4 ohms, dual 3.0 in diameter voice coil, ferrite Differential Drive®

AUDIO INPUT

Input Type :	Balanced line level
Connectors :	(2) Neutrik XLR (IN/OUT)
Nominal Input Sensitivity :	+6 dBu (system starts limiting with broadband noise and music)
Maximum Input Level :	+21 dBu
Input Impedance :	100 kΩ

AMPLIFIER

Type :	Class-D
Number of Channels :	(1)
Continuous Power[3] :	1100 Watts
Peak Power[4] :	2500 Watts
Cooling Type :	Convection, external aluminum heat sink, internal on-demand fan

DSP

Sample Rate :	48 kHz
Bit Depth :	24 bit

USER INTERFACE

Type :	LCD, encoder, Back button, (4) LED Indicators (3 single, 1 bi-color)

Footnotes:
1: Based on speaker preset selection and cabinet orientation/configuration.
2: Peak SPL, unweighted, measured under **half-space** conditions at 1 meter using broadband pink noise with a 12 dB crest factor and specified preset.
3: Bench power: ≥1 sec, 1 kHz, 120 VAC, no DSP, all channels driven.
4: Burst power: ≥20 ms, 1 kHz, 120 VAC, no DSP, all channels driven.

NETWORKING

Type :	TCP/IP
Protocol :	Harman HControl
Speed :	Dual 100 Mbps ports
Connectors :	(2) Neutrik etherCON®

AC POWER

Voltage Range	
Nominal :	100-240 VAC, 50/60 Hz
Limits :	80-260 VAC, 50/60 Hz
Connectors :	Dual (IN/OUT) Neutrik powerCON TRUE1®

CURRENT DRAW

	100 V	120 V	208 V	240 V
Standby :	0.2 A	0.2 A	0.2 A	0.1 A
Idle :	0.3 A	0.3 A	0.2 A	0.2 A
Continuous[5] :	4.7 A	4.0 A	2.1 A	1.9 A
Maximum Instantaneous Peak[6] :	20.5 A	18.1 A	8.6 A	7.3 A
Peak Inrush[7] :	2.6 A	3.1 A	5.2 A	6.0 A

PHYSICAL

Enclosure :	Plywood, DuraFlex™ finish, two integral recessed handles
Color :	Duraflex Black | RAL9004
Environmental Specifications :	IP54[8] | IEC 60529 ASTM B117 ASTM G154
Grille :	Powder coated 1.8 mm (14 gauge) hex perforated steel with acoustically transparent black cloth backing
Dimensions (H x W x D) :	575 mm x 684 mm x 683 mm 22.6 in x 26.9 in x 26.9 in
Net Weight :	44.5 kg (98 lbs)
Shipping Weight :	51.8 kg (114 lbs)

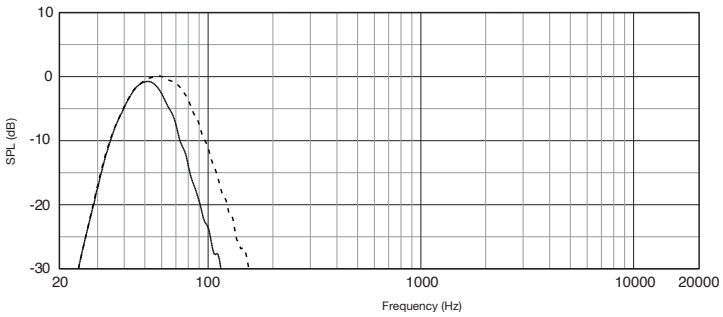
ORDERING INFORMATION

SKU :	JBL-P3241MX | SRX918S for Global JBL-P3248MXCN | SRX918S for China
Included :	(1) SRX918S | (1) Neutrik NAC3F-TRUE1-S | (1) Neutrik NAC3M-TRUE1-S

Footnotes:
5: System test using IEC shaped pink noise with 9 dB crest factor. System at maximum output without clipping or limiting. Ambient temperature: 20° C. Duration: 5 sec.
6: Sine wave at maximum power for a duration of 200 ms.
7: Measured RMS inrush current for a 50 ms window.
8: With use of SRX900 RC1 rain cover (JBL-P3239MX) and front face at 0 degrees or greater down angle to allow the cabinet to drain water. Components fully weather rated for indoor or covered outdoor conditions where humidity is nominally under 50% and not local to bodies of corrosive materials.

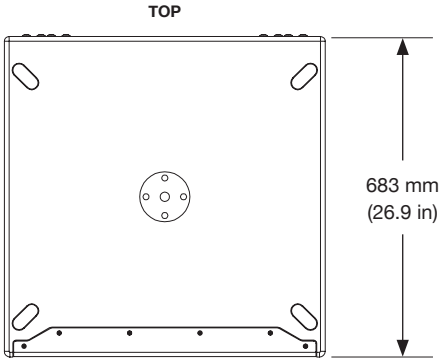
ACOUSTIC MEASUREMENTS

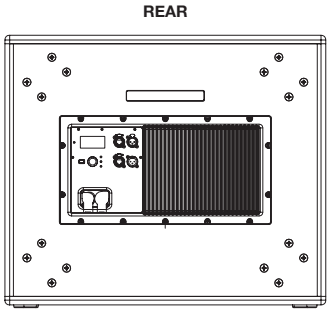
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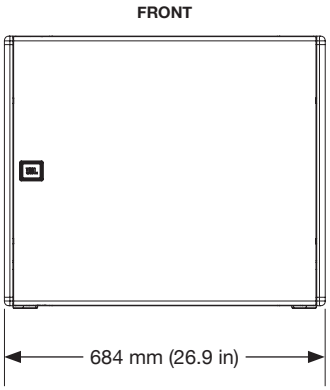


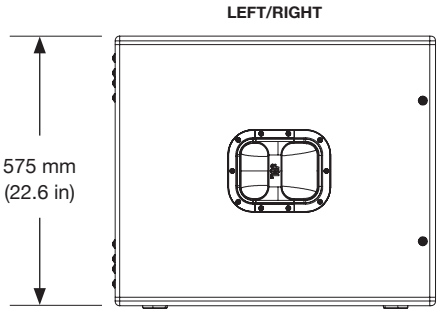
SRX918S 60 SRX918S 80

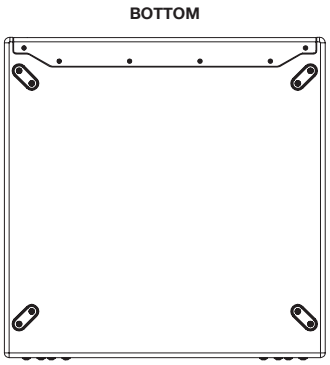
DIMENSIONS











JBL continually engages in research related to product improvement. Some 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.