



# SR SERIES II™ LOUDSPEAKER SYSTEMS

---

## Owner's Manual

Thank you for purchasing the JBL SR Series II loudspeaker system. SR Series II incorporates the latest in JBL technology, delivering superior performance, reliability and value. For maximum product life and performance, we recommend reading this manual to familiarize yourself with the features, applications, and cautions before you use your system.

For any additional information not contained in this manual or for clarification, please contact your local JBL dealer or write to: Applications Dept., JBL Professional, P.O. Box 2200, 8500 Balboa Blvd., Northridge, CA 91329.

### SR SERIES II FEATURES:

- **SR Series II** utilizes JBL's proven **600 watt VGC™** (vented gap cooling) low frequency transducers for outstanding reliability, low distortion and reduced power compression (for greater peak output capability).
- **New Large Format Driver Technology** – Five models (SR4726A, SR4731A, SR4732A, SR4732A-T, and SR4733A) incorporate an **Optimized Aperture™** horn and large format compression driver combination developed specifically for SR Series II. This new technology optimized attributes of pattern control, driver loading, frequency response and distortion. The result is the power and sound of a large format compression driver, with minimum throat distortion and greater extension of the high frequency response.
  - The **2447** 38 mm (1-1/2 in) exit compression driver features a **Coherent Wave™** phasing plug and radial rib design for phase coherency and an extended high frequency output. The 2447 incorporates a titanium diaphragm with a 4 inch edgewound aluminum voice coil and JBL's patented three-dimensional diamond pattern suspension. The 2447 combines the diaphragm and phasing plug of the JBL model 2450 with a new modified rapid-flare snout.
  - The **2381** horn combines 90° by 50° constant directivity with greatly reduced throat distortion, allowing SR Series II to deliver very low distortion at all sound pressure levels.
- **Input Flexibility and Reliability**– Neutrik Speakon™ connectors are provided, as well as standard 1/4 in input jacks, offering professional hookup and convenience. The sturdy metal input cup is recessed for protection of input cable connections.
- **Networks** – The built-in passive crossover networks have been engineered for the utmost in performance and reliability. All network components are close tolerance and of the highest quality. Bypass capacitors are used throughout to lower distortion and improve system performance. Most models can be operated in either full-range or biamp mode, selectable via a heavy duty low profile rotary switch.
- **Cabinet** – The patented construction is proven and road tested to extend the life of the system. It allows safe stacking and is aesthetically pleasing. The surface is covered with a proprietary heavy fabric laminate which protects the cabinet from wear and tear. Internally, high-tech adhesives are utilized. A low-resonance plastic-coated heavy steel grille protects the components. The cabinet incorporates resilient corner protectors to stand up to tough road usage.

# CONTENTS:

<b>SR Series II Features</b> .....	1
<b>Contents</b> .....	2
<b>Obtaining Optimum Performance</b> .....	3
-- <i>High Frequency Elements, Minimizing Feedback, Reducing Turntable Feedback in DJ Applications, Protecting Speakers with a Low Cut Filter</i>	
<b>Safety Guidelines</b> .....	3
-- <i>Never Suspend, Inspect Stacking Corners, Check Flooring, Locate Safely, Secure Speaker Stacks</i>	
<b>Operational Modes</b> .....	4
Full Range	
Biamplication	
-- <i>Benefits, Protection and EQ Circuitry, Selecting Crossover Frequency, Amplifier/Speaker Matching in Biamp Applications.</i>	
Looping Through on Subwoofers	
4732A-T	
<b>Connection</b> .....	5
Using 1/4" jacks	
-- <i>Full Range, Biamp, Subwoofers</i>	
Using Neutrik Speakons™	
-- <i>Full Range, Biamp, Subwoofers, 4732A-T</i>	
<b>Application Guidelines</b> .....	6
Wire Size	
Matching Amplifier Power	
-- <i>Carefully Monitored Applications and Routine Applications</i>	
Fusing	
<b>Maintenance and Repair</b> .....	6
Precautions	
Testing or Repairing	
-- <i>Labeling, Removing Homs, Removing Cone Drivers, Crossover Network, Shipping of Components.</i>	
<b>Diagnostics Guide</b> .....	7
-- <i>No Output from System, Intermittent Sound, No Output from Individual Component, Constant Noise.</i>	
<b>Limited Warranty</b> .....	8
Within the Continental United States, Hawaii and Alaska	
-- <i>Who is Protected, What is Covered, How to Obtain Warranty Service, Limitations, Exclusions</i>	
Other Areas	
<b>Specifications</b> .....	10

## OBTAINING OPTIMUM PERFORMANCE:

Designed as portable systems for use in a variety of environments, JBL SR Series II performance may vary from room to room because of acoustical characteristics of the environment. Under such circumstances, the guidelines below will help you achieve optimum results.

- 1. High Frequency Elements:* High frequencies, the part of the audio spectrum that determines system clarity and articulation, are the most directional and easiest to impede. JBL generally recommends that you position these elements so the center is aimed at a point slightly above ear level. This will assure maximum projection over the intended listening area and a considerably higher degree of intelligibility.
- 2. Minimizing Feedback:* To minimize feedback, place the main, or "house" loudspeakers in front of the microphones, not behind them. Use dedicated stage monitors to allow performers to hear themselves.
- 3. Reducing Turntable Feedback in DJ Applications:* In applications with turntables, low frequency feedback can occur when bass information is transferred back into the tonearm and re-amplified. The most frequent reasons for this are: speakers located too close to the turntables, a room with raised wood flooring, or a temporary stage. In such cases, it is best to move the bass speakers away from the turntables and/or place them off the stage on more solid flooring. Another option is to "decouple" the loudspeakers from the room by using stands to raise them off the floor. (Ask your dealer about standmount options.)
- 4. Protecting the Speakers with a Low Cut Filter --* Protect loudspeakers from over-excursion caused by strong subsonic signals. Set your equalizer to roll off the signal sharply at low frequencies below the speaker's specified operational range, or engage a low cut (high pass) filter. Many equalizers and signal processing units, including the JBL models 5235, M552 and M553 electronic crossovers, provide low cut filtering.

It is especially important to use a low cut filter in the signal path to protect the speakers when turntables or compact disc players are the music source. CD players often have subsonic information that can cause overexcursion problems. The only effective way to prevent damage from such program material is to employ high pass filter protection.

## SAFETY GUIDELINES:

JBL SR Series II speaker systems are designed with interlocking corner protectors to permit non-slip stacking. However, to assure your safety as well as the safety of your audience, please follow the guidelines below.

### **1. CAUTION! DO NOT SUSPEND THESE SPEAKERS!**

JBL SR Series II loudspeaker systems are designed specifically for portable floor-standing use only. While able to withstand the rigors of road use for years of reliable service, **these enclosures are not designed for any installation where they would be suspended.** For such use, you need to have a certified rigging specialist install them with equipment designed specifically for that type of installation. Installing JBL SR Series II speakers in any manner is at your own risk. **DO NOT ATTACH ANY SUSPENSION DEVICES TO HANDLES.**

- 2. Inspect the Stacking Corners:* Always inspect your JBL systems for possible broken corner protectors to prevent unsafe stacking. Replace any that are damaged.
- 3. Check the Flooring:* Before choosing a location for your loudspeakers, always check the flooring to see if it is solid. A floor that vibrates easily, such as a portable stage or false floor, is not safe for a vertical speaker stack.
- 4. Locate Speakers Safely:* When possible, locate the speakers away from the dance floor or any high traffic areas. This minimizes the chance of someone bumping into a stack and causing the speakers to fall.
- 5. Secure Speaker Stacks:* When you cannot avoid either of the above conditions, try to secure the speaker stack(s) to prevent speakers from possibly falling over. Consult a professional certified mechanical engineer about how to properly anchor stacked enclosures.

## OPERATIONAL MODES:

Except for subwoofers and the SR4732A-T, all JBL SR Series II systems can be operated in one of two user selectable modes: full range passive or biamp. Either mode is accessible through the Neutrik Speakon™ or 1/4 inch input connectors.

**Warning:** *Never switch the Mode Switch or plug in jacks with signal running into the speaker or cable.*

### 1. Full Range:

Except for subwoofers and the SR4732A-T, each SR Series II system contains a complete passive crossover network for smooth component-to-component transition in the full range mode. This mode is ideal for smaller clubs and speech reinforcement in churches or schools, as well as other application requiring minimal equipment complexity.

### 2. Bi-amplification:

**Benefits** -- Use of the biamp mode produces significant performance benefits: reduced distortion, greater flexibility in system balancing, and improved overall system efficiency.

**Protection and EQ Circuitry Remains Engaged** -- In the Bi-Amp mode, the high pass filtering and constant directivity horn equalization circuitry remain engaged for driver protection and power response correction. IF YOUR ELECTRONIC CROSSOVER HAS A SELECTABLE HORN E.Q. FEATURE, DISENGAGE IT. Bypassing protection circuitry requires network modification and is not recommended. However, for qualified technicians, instructions for removing network circuitry and adding protection capacitors can be obtained from JBL. JBL does not warranty modification workmanship and cannot warranty drivers if protection circuitry is removed.

**Selecting the Crossover Frequency** -- When using the JBL M552, M553 or any other electronic crossover that allows multiple or continuously variable filter point selection, please refer to "Specifications", for the correct choice of crossover frequency. Locate the specification column that describes your SR Series II system. The "Recommended Crossover Frequency Range" is slightly higher than the indicated passive crossover frequency listed. This eliminates interaction between the system's internal rolloff with the that of the electronic crossover, thus ensuring proper summing of frequency bands. We recommend at least 12 dB per octave slopes, with steeper sloped providing the best sound quality. 24 dB per octave is ideal.

**Amplifier/Speaker Matching in Bi-Amp Applications** -- In a typical full range passive loudspeaker system, the nominal impedance specification is largely determined by the impedance characteristics of the low frequency transducer(s). Very often, however, the higher range components have nominal impedances quite different from the system specification, and these need to be taken into account when selecting amplifiers for use in bi-amplified systems.

### 3. Looping Through on Subwoofers:

The SR4715A, SR4718A and SR4719A Subwoofers are each equipped with two (2) Neutrik Speakon™ jacks, which are paralleled. Pins 2± connect to the subwoofer drivers. Pins 1± can be used as a full-range or high-passed loop-through as described in the "Connections" section, below.

### 4. 4732A-T:

**Tri-Amp Only** -- This model is set up for tri-amplification only.

**Protection Capacitors** -- Protection capacitors are provided on the MF and HF inputs. They provide emergency backup protection against very low frequencies. However, they only rolloff low frequencies at 6 dB per octave and they are set approximately one octave below the suggested crossover frequency. Never use the protection capacitors as a passive crossover.

**Crossover** -- You must always use an electronic crossover, set close to the crossover frequencies recommended in the "Specifications" section.

# CONNECTION:

*Note: The 1/4" L.F./Fullrange Input and Speakon Pins 1± are internally paralleled in all modes.  
The 1/4" H.F. Input and Speakon Pins 2± are internally paralleled in all modes.*

## 1. Using 1/4" Input Jacks

### Full-Range Operation:

- Set the Mode Switch to the Full-Range position.
- Run signal into the Full-Range jack.

### Bi-Amplified Operation:

- Set the Mode Switch to Bi-Amp position.
- Run low frequency signal into the L.F. Bi-Amp jack and run the high frequency signal into the H.F. Bi-Amp jack.

### Subwoofers:

- Run signal into the Input jack.

## 2. Using Neutrik Speakon® Connectors

### Neutrik Speakon® Hookup Chart for JBL SR Series II:

		<i>Full-Range Mode</i>	<i>Bi-Amp Mode</i>
2-Way	Pins 1±	Full-Range Input	LF Input
	Pins 2±	N/C	HF Input
Subwoofers	Pins 1±	Loop-Through	
	Pins 2±	Subwoofer Input	
SR4732A-T	Pins 1±	Woofers 1	
	Pins 2±	Woofers 2	
	Pins 3±	Mid-Range Compression Driver	
	Pins 4±	HF Driver	

### Full-Range Operation:

- Set the Mode Switch to the Full-Range position.
- Run the signal into Pins 1±. Pins 2± are not connected. ("+" is EIA positive.)

### Bi-Amplified Operation:

- Set the Mode Switch to the Bi-Amp position.
- Run low frequency signal into Pins 1± and run the high frequency signal into Pins 2±. ("+" is EIA positive.)

### Subwoofers:

- Run subwoofer signal into pins 2±.
- Looping Through: Pins 1± are paralleled between the Speakon connectors and can be utilized as a full-range or high-passed Loop-Through to a full-range loudspeaker set to full-range mode. A cable from the second Speakon, wired pin-for-pin, provides the full-range feed to Pins 1± of the full-range loudspeaker.

### SR4732A-T

- Only Neutrik Speakon input connectors are provided. Because of the 600 watt rating of each LF transducer, these devices are intentionally wired to separate contacts for individual access or external parallel connection.
- LF is sent to the two woofers separately. Run LF for woofer 1 to Pins 1±. Run LF for woofer 2 to Pins 2±.
- Run Midrange signal (for horn) to Pins 3±.
- Run HF signal to Pins 4±.

## APPLICATION GUIDELINES:

### 1. WIRE SIZE:

Cable of too small a gauge can restrict the power the amplifier delivers to the speakers, a problem that becomes worse as cable length increases. This can result in driving the amplifiers harder, which could damage the components and alter the low-frequency damping control of the system, thus changing sonic character. Since under most portable sound circumstances it is seldom necessary to run speaker hookup cable longer than 100 ft, we recommend that your cable be no smaller than 14 gauge. For cable runs of 100 ft to 250 ft, use cable no smaller than 12 gauge.

### 2. MATCHING AMPLIFIER POWER:

Selection of the proper amplifier for your particular system can be difficult. To get the maximum performance from your SR Series II loudspeaker, JBL recommends the following guidelines.

**a) Carefully Monitored Applications:** For carefully monitored applications, where the peak transient capability must be maintained, the amplifier should be capable of delivering twice the continuous power rating of the speaker. As an example, a speaker rated at 600 continuous watts can be safely driven by an amplifier capable of 1200 watts power output.

**b) Routine Applications:** For routine applications where high continuous, but non-distorted output is likely to be encountered, the amplifier power rating should match the continuous power rating of the speaker.

### 3. FUSING

We recommend NOT using fuses in pro audio applications. Damage to a loudspeaker can occur as a result of either hard transients (spikes) or high average power levels, and any one fuse can protect only against one of these conditions, not both. Fuse resistances can be non-linear, resulting in distortion and unpredictable blowing.

To protect you system best:

- a) Use adequate clean power to drive the system to required levels. Avoid clipping or overload your power amplifier.
- b) Recognize and respect the known limits of your equipment.
- c) Consider adding a peak limiter, such as the JBL M712 or JBL LA-12 to your system, to electronically limit potentially damaging transient information.

## MAINTENANCE AND REPAIR:

Your JBL SR Series II system has been designed and manufactured for durability and reliable service. As with any fine product, proper maintenance and care will extend the life of your system.

You can expect your system components to perform indefinitely if you use them within their stated limits for power handling, and see that they are not abused or subjected to extreme weather changes. For maximum life and performance, be sure to follow these guidelines:

### 1. Precautions:

- a) *Avoid exposing your system to direct moisture or extreme cold.*

Neither the loudspeaker components nor the enclosure has been designed to be weatherproof or to operate in extreme cold. However, if you must use the loudspeaker under extremely cold conditions, we recommend that you allow the voice coils of the transducers and suspension components to warm up gradually by feeding low level signals to the loudspeakers for approximately 20 minutes before you use them at the necessary loudness levels.

b) *Keep connectors and contact surfaces clean of oxidation or corrosion.*

This ensures proper connector contact and performance.

c) *Keep the exterior of the enclosure clean.*

Brush the protective fabric finish with a short nylon bristle brush.

## 2. Testing or Repairing:

If it is necessary to remove a component for testing or repair, follow the applicable procedures below:

a) *Labeling* -- When you disconnect all components, label the leads to ensure proper connection when you re-install the components. If you forget to label them, refer to these wiring standards:

Green:	LF (+)	= RED terminal on LF transducer
Green/Black:	LF (-)	= BLACK terminal on LF transducer
White:	Mid (+)	= RED terminal on mid driver
	OR	
	2nd LF (+)	= RED terminal on 2nd LF transducer
White/Black:	Mid (-)	= BLACK terminal on mid driver
	OR	
	2nd LF (-)	= BLACK terminal on 2nd LF transducer
Yellow:	HF (+)	= RED terminal on HF driver
Yellow/Black:	HF(-)	= BLACK terminal on HF driver
Orange:	UHF (+)	= RED terminal on super tweeter
Orange/Black:	UHF(-)	= BLACK terminal on super tweeter

b) *Removing Horns* -- Use the proper tool to remove the screws that hold the horn in place. The horns may have bonded lightly to the surface because of paint or pressure. If you cannot remove a component after the screws are removed, tap lightly around the edge with a rubber mallet and lift. If the component still does not lift easily, carefully pry it free with a thin blade slot screwdriver.

c) *Removing Cone Drivers* -- First remove the screws that hold the two wood strips on either side of the grille. Remove any grille standoff supports. The wood strips and the grille should then lift out easily.

d) *Crossover Network* -- If the problem seems to be in the crossover network, removing the low frequency component(s) and high frequency horn-driver makes it easier to disconnect and re-connect the internal wiring.

e) *Shipping of Components* -- If no authorized service agency is near you and you have to ship a defective component, we recommend that you remove and ship only the defective component. Shipping the entire enclosure is not only expensive, it also exposes the rest of your system to potential damage in transit.

## DIAGNOSTICS GUIDE:

If none of the suggestions below solve your problem, contact your nearest JBL service center.

### 1) Problem

-- No output from the system.

- **Possible Cause(s)**

-- Cables, amplifier, or loudspeaker system.

- **Action**

-- Replace the cable connecting the loudspeaker system and amplifier.

-- If one side of a 2-channel amplifier is not operating, switch channels by connecting the speaker and cable with no output to the amplifier channel that does work. If after doing so that same channel of the amplifier still has no output, the problem is in the amplifier.

**2) Problem** -- Questionable or intermittent sounds from one or more components: crackling, scraping, or bussing noises.

- **Possible Cause(s)**
  - A faulty component or poor connection.
- **Action**
  - Check all cabling for proper connector contact since a bad connection can result in intermittent contact or dramatically increased resistance which, in turn, can cause reduced output or noises unrelated to the signal.
  - If connections are solid, go to "problem #3" procedures.

**3) Problem** -- No output from an individual system component.

- **Possible Cause(s)**
  - Hook-up leads are not making solid contact.
  - Problem in the crossover network.
  - Faulty component.
- **Action**
  - Remove the fastening hardware (See "Maintenance and Repair" for procedures.) Inspect the hook-up leads to see that they are inserted in their respective spring loaded input terminals and the bare conductor is long enough to make solid contact. If not, make the proper connection.
  - After checking hook-up lead connections, if there is still no output from the component, disconnect and remove the device from the enclosure. Strip the insulator off both ends of a piece of 2-conductor speaker wire, about 12" long. Connect the one end of the cable to the input terminals of the suspected component. Then, using a standard flashlight battery or transistor radio battery (do not use an AC-operated battery replacer), touch the two remaining bare ends of this cable to the battery, one end to the plus (+) side and the other to the minus (-) side. If a "clicking" noise results, the problem probably is in the crossover network. In this case, we recommend that you take the entire speaker system to a JBL Warranty Service Center.

**4) Problem** -- Constant Noise: buzzing, hissing, or humming sounds.

- **Possible Cause(s)**
  - A faulty electronic device in the signal chain, or poor system grounding.
- **Action**
  - You may need to replace one of the other devices in the signal chain, since your SR Series II loudspeaker cannot generate these sounds by itself. It is possible that your SR speaker can reveal flaws in other components that were previously not detectable.
  - Check and correct the system grounding, as required.

## LIMITED WARRANTY:

### 1) WITHIN THE CONTINENTAL UNITED STATES, HAWAII AND ALASKA AND CANADA:

The JBL Warranty on professional loudspeaker products (except for enclosures) remains in effect for **five years** from the date of the first consumer purchase. Enclosures and all other JBL products are warranted for two years from the date of original purchase.

#### *Who is Protected by This Warranty?*

Your JBL Warranty protects the original owner and all subsequent owners so long as:

- A) Your JBL product has been purchased in the Continental United States, Hawaii or Alaska. (This Warranty does not apply to JBL products purchased elsewhere except for purchases by military outlets. Other purchasers should contact the local JBL distributor for warranty information.)
- B) The original dated bill of sale is presented whenever warranty service is required.



***What is Covered by the JBL Warranty?***

Except as specified below, your JBL Warranty covers all defects in material and workmanship. The following are not covered: Damage caused by accident, misuse, abuse, product modification or neglect; damage occurring during shipment; damage resulting from failure to follow instructions contained in your Instruction Manual; damage resulting from the performance of repairs by someone not authorized by JBL; claims based upon any misrepresentations by the seller, any JBL product on which the serial number has been defaced, modified or removed.

***Who Pays for What?***

JBL will pay all labor and material expenses for all repairs covered by this warranty. Please be sure to save the original shipping cartons because a charge will be made if replacement cartons are requested. Payment of shipping charges is discussed in the next section of this warranty.

***How to Obtain Warranty Performance:***

If your JBL product ever need service, write or telephone us at JBL Incorporated (Attn: Customer Service Department), 8500 Balboa Boulevard, P.O. Box 2200, Northridge, California 91329 (818/893-8411). We may direct you to an authorized JBL Service Agency or ask you to send your unit to the factory for repair. Either way, you'll need to present the original bill of sale to establish the date of purchase. Please do not ship your JBL product to the factory without prior authorization, as it will be refused.

If transportation of your JBL product presents any unusual difficulties, please advise us and we may make special arrangements with you. Otherwise, you are responsible for transporting your product for repair or arranging for its transportation and for payment of any initial shipping charges. However, we will pay the return shipping charges if repairs are covered by the warranty.

***Limitation of Implied Warranties***

ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

***Exclusion of Certain Damages***

JBL'S LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT OUR OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL NOT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

***THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.***

## **2) OTHER AREAS:**

For areas outside the continental United States, Hawaii, Alaska and Canada, please contact your local JBL distributor.

# SPECIFICATIONS:

	SR4704A	SR4706A	SR4715A
Type:	2-Way Floor Monitor (45°)	2-Way Floor Monitor (Large Format HF) 30°/ 60° angle	Dual 15" Subwoofer
Frequency Range (-10 dB):	40 Hz - 18 kHz	40 Hz - 18 kHz	40 Hz - 1.1 kHz
Power Capacity <sup>1</sup> (Continuous Pink Noise):	600 watts	600 watts	1200 watts
Nominal Impedance:	8 ohms	4 ohms	4 ohms
Sensitivity <sup>2</sup> (1 W @ 1 m):	97 dB	96 dB	100 dB
Nominal Dispersion:	90° H x 40°V	50°H x 60°V	--
Crossover Frequency:	1.1 kHz	1.1 kHz	--
<b>COMPONENTS</b>			
LF Driver(s):	2226H	2226G	(2) 2226H
MF/HF Driver:	2426H	2447J	--
MF/HF Horn:	2370A	2383	--
<b>SIZE AND WEIGHT</b>			
Dimensions:	743 x 635 x 445 mm	812 x 520 x 496 mm	1092 x 635 x 460 mm
(H x W x D):	29¼ x 25 x 17½ in	32 x 20½ x 19½ in	43 x 25 x 18 in
Net Weight:	34.5 kg (76 lb)	37.2 kg (82 lb)	45.4 kg (100 lb)
Shipping Weight:	36.8 kg (81 lb)	43.1 kg (95 lb)	48.2 kg (106 lb)
<b>BIAMP OPERATION</b>			
Recommended Crossover Freq:	1.2 kHz - 1.4 kHz	1.2 kHz - 1.4 kHz	80 Hz - 100 Hz <sup>4</sup>
LF Power <sup>3</sup> / Nominal Impedance:	600 watts/ 8 ohms	600 watts/ 4 ohms	--
HF Power <sup>3</sup> / Nominal Impedance:	100 watts/ 8 ohms	150 watts/ 16 ohms	--

	SR4718A	SR4719A	SR4722A
Type:	Single 18" Subwoofer	Dual 18" Subwoofer (Non-Trapezoidal)	2-Way w/ 1-12" (With Stand Mount)
Frequency Range (-10 dB):	30 Hz - 3.3 kHz	25 Hz - 1.2 kHz	50 Hz - 20 kHz
Power Capacity <sup>1</sup> (Continuous Pink Noise):	600 watts	1200 watts	600 watts
Nominal Impedance:	4 ohms	4 ohms	8 ohms
Sensitivity <sup>2</sup> (1 W @ 1 m):	98 dB	99 dB	98 dB
Nominal Dispersion:	--	--	100° H x 100°V
Crossover Frequency:	--	--	1.2 kHz
<b>COMPONENTS</b>			
LF Driver(s):	2241G	(2) 2241H	2206H
MF/HF Driver:	--	--	2417H
MF/HF Horn:	--	--	2342
<b>SIZE AND WEIGHT</b>			
Dimensions:	1092 x 635 x 460 mm	1240 x 782 x 630 mm	711 x 508 x 343 mm
(H x W x D):	43 x 25 x 18 in	48¾ x 30¾ x 24¾ in	28 x 20 x 13½ in
Net Weight:	39.5 kg (87 lb)	75.8 kg (167 lb)	21.6 kg (57.5 lb)
Shipping Weight:	44.5 kg (98 lb)	82.6 kg (182 lb)	29.1 kg (64 lb)
<b>BIAMP OPERATION</b>			
Recommended Crossover Freq:	80 Hz - 100 Hz <sup>4</sup>	80 Hz - 100 Hz <sup>4</sup>	1.3 kHz - 1.5 kHz
LF Power <sup>3</sup> / Nominal Impedance:	--	--	600 watts/ 8 ohms
HF Power <sup>3</sup> / Nominal Impedance:	--	--	80 watts/ 8 ohms

	SR4725A	SR4726A	SR4731A
Type:	2-Way w/ 1-15"	2-Way w/ 1-15" (Large format HF)	2-Way w/ 2-12"
Frequency Range (-10 dB):	35 Hz - 18 kHz	35 Hz - 18 kHz	40 Hz - 18 kHz
Power Capacity <sup>1</sup> (Continuous Pink Noise):	600 watts	600 watts	1200 watts
Nominal Impedance:	8 ohms	4 ohms	4 ohms
Sensitivity <sup>2</sup> (1 W @ 1 m):	97 dB	96 dB	99 dB
Nominal Dispersion:	90° H x 40° V	90° H x 50° V	90° H x 50° V
Crossover Frequency:	1.1 kHz	1.1 kHz	1.2 kHz
<b>COMPONENTS</b>			
LF Driver(s):	2226H	2226G	(2) 2206H
MF/HF Driver:	2426H	2447J	2447J
MF/HF Horn:	2370A	2381	2381
<b>SIZE AND WEIGHT</b>			
Dimensions:	749 x 635 x 460 mm	921 x 635 x 460 mm	1092 x 635 x 460 mm
(H x W x D):	29½ x 25 x 18 in	36¼ x 25 x 18 in	43 x 25 x 18 in
Net Weight:	35.9 kg (79 lb)	44 kg (97 lb)	55.4 kg (122 lb)
Shipping Weight:	40.9 kg (90 lb)	46.3 kg (102 lb)	60.8 kg (134 lb)
<b>BIAMP OPERATION</b>			
Recommended Crossover Freq:	1.2 kHz - 1.4 kHz	1.2 kHz - 1.4 kHz	1.3 kHz - 1.5 kHz
LF Power <sup>3</sup> / Nominal Impedance:	600 watts/ 8 ohms	600 watts/ 4 ohms	1200 watts/ 4 ohms
HF Power <sup>3</sup> / Nominal Impedance:	100 watts/ 8 ohms	150 watts/ 16 ohms	150 watts/ 16 ohms

	SR4732A	SR4732A-T	SR4733A
Type:	3-Way w/ 2-12"	3-Way w/ 2-12" (Triamp only)	2-Way w/ 2-15"
Frequency Range (-10 dB):	38 Hz - 20 kHz	38 Hz - 20 kHz	35 Hz - 18 kHz
Power Capacity <sup>1</sup> (Continuous Pink Noise):	1200 watts	(see "Triamp" below)	1200 watts
Nominal Impedance:	4 ohms	(see "Triamp" below)	4 ohms
Sensitivity <sup>2</sup> (1 W @ 1 m):	98 dB	(see "Triamp" below)	99 dB
Nominal Dispersion:	90° H x 50° V	90° H x 50° V	90° H x 50° V
Crossover Frequency:	1.2 kHz; 6 kHz	(see "Triamp" below)	1.2 kHz
<b>COMPONENTS</b>			
LF Driver(s):	(2) 2206H	(2) 2206H	(2) 2226H
MF Driver:	2447J	2447J	2447J
MF Horn:	2381	2381	2381
UHF Driver:	2404H	2404H	---
<b>SIZE AND WEIGHT</b>			
Dimensions:	1092 x 635 x 460 mm	1092 x 635 x 460 mm	1220 x 635 x 460 mm
(H x W x D):	43 x 25 x 18 in	43 x 25 x 18 in	48 x 25 x 18 in
Net Weight:	57.2 kg (126 lb)	57.2 kg (126 lb)	61.3 kg (135 lb)
Shipping Weight:	62.6 kg (138 lb)	62.6 kg (138 lb)	65.8 kg (145 lb)
<b>BIAMP OPERATION</b>			
Recommended Crossover Freq:	1.3 kHz - 1.5 kHz	800 Hz min; 4 kHz min	1.2 kHz - 1.4 kHz
LF Power <sup>3</sup> / Nominal Impedance:	1200 watts/ 4 ohms	1200 watts/ 4 ohms	1200 watts/ 4 ohms
HF Power <sup>3</sup> / Nominal Impedance:	150 watts/ 16 ohms	100 watts/ 16 ohms (<1 kHz) 150 watts/ 16 ohms (>1 kHz)	150 watts/ 16 ohms
UHF Power/ Nominal Impedance:	---	40 watts/ 8 ohms	---

	SR4735A	SR4738A
Type:	3-Way, 1-15", cone mid	3-Way, 1-18", cone mid
Frequency Range (-10 dB):	35 - 20 kHz	30 Hz - 20 kHz
Power Capacity <sup>1</sup> (Continuous Pink Noise):	600 watts	600 watts
Nominal Impedance:	4 ohms	4 ohms
Sensitivity <sup>2</sup> (1 W @ 1 m):	99 dB	98 dB
Nominal Dispersion:	90° H x 40° V	90° H x 40° V
Crossover Frequency:	600 Hz; 2.8 kHz	600 Hz; 2.2 kHz
<b>COMPONENTS</b>		
LF Driver(s):	2226G	2241G
MF Driver:	2119H	2123H
HF Driver:	2117H	2117H
HF Horn:	2371	2371
<b>SIZE AND WEIGHT</b>		
Dimensions:	921 x 635 x 460 mm	1092 x 635 x 460 mm
(H x W x D):	36¼ x 25 x 18 in	43 x 25 x 18 in
Net Weight:	41.8 kg (92 lb)	50.8 kg (112 lb)
Shipping Weight:	47.3 kg (104 lb)	56.7 kg (125 lb)
<b>BIAMP OPERATION</b>		
Recommended Crossover Freq:	800 Hz - 1.2 kHz	600 Hz - 800Hz
LF Power <sup>3</sup> / Nominal Impedance:	600 watts/ 4 ohms	600 watts/ 4 ohms
HF Power <sup>3</sup> / Nominal Impedance:	150 watts/ 8 ohms	250 watts/ 8 ohms

<sup>1</sup> Rating based upon test signal of IEC filtered random noise (50 Hz - 5 kHz) with a crest factor (peak-to-average ratio) of 6 dB, two hours duration.

<sup>2</sup> Full Range Systems: Averaged from 500 Hz to 2.5 kHz. Subwoofers: Averaged through operational range.

<sup>3</sup> See individual driver specification sheet for rating methodology.

<sup>4</sup> Stated crossover frequency range applies to operating subwoofers with full-range cabinets. To operate with mid-range devices such as compression drivers/horns, subwoofers should be crossed over higher.

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.



JBL Incorporated  
 8500 Balboa Boulevard, P.O. Box 2200  
 Northridge, CA 91329 U.S.A.