

S3900

250-watt, dual 10" (250mm), three-way floorstanding speaker



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JBL sound: A heritage of excellence

JBL loudspeakers have been the choice of music and movie professionals for more than 60 years; they are behind the screens of more than 50 percent of all movie theaters and hang in concert venues everywhere. Many of your favorite songs and movie soundtracks were mixed or mastered on JBL studio monitors. But you don't have to be a recording-industry professional to bring JBL sound home. Our home systems use technologies, materials and manufacturing techniques developed for professional speakers.

Overview

Introducing the JBL[®] S3900, a dual 10-inch (250-millimeter), floorstanding speaker ideal for two-channel and multichannel home theater systems. Leveraging professional-grade components and taking design cues from the legendary K2[®] S9900, the S3900 is an audiophile's dream come true.

Hear it as the pros hear it. The JBL[®] S3900 puts a new spin on the praised JBL K2 S9900. Like its acclaimed sibling, the S3900 delivers your HD media in all its glory – you'll feel as if you're sitting in the studio with the engineers and artists. Dual 10-inch (250-millimeter) pulp-fiber cone woofers deliver lows as deep as 33Hz; a 1-3/4-inch (50-millimeter) Aquaplas-coated, pure-titanium driver delivers mids and highs with lifelike dynamics and startling realism; a 3/4-inch (19-millimeter) ultrahigh-frequency transducer reproduces frequencies up to 40kHz with extreme clarity. From your lows to highs, you won't miss a sound. Ready to be used as part of a two-channel or surround-sound system, the S3900 looks as beautiful as it sounds with its handsome, elegant design.

Highlights

- ▶ 25–250 watts suggested amplifier power range
- ▶ Dual 10" (250mm) low-frequency transducer for low-distortion, natural sound
- ▶ 1-3/4" (50mm) high-frequency transducer for crystal-clear highs
- ▶ 3/4" (19mm) ultrahigh-frequency transducer for extreme highs
- ▶ Extremely smooth and wide frequency response
- ▶ Rear-mounted ports for extended bass response
- ▶ Patented JBL Bi-Radial[®] horn
- ▶ Bi-wiring capabilities
- ▶ Gold-plated terminals
- ▶ Available in black gloss and wood grain finish

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Features

25–250 watts suggested amplifier power range

JBL engineers have designed the S3900 for serious audio output. It's recommended that it be powered with a separate AVR or amplifier that can deliver up to 250 watts, whether you are using the speaker as a stand-alone unit or as part of a stereo/surround-sound system.

Dual 10" (250mm) low-frequency transducers for low-distortion, natural sound

The S3900's dual 10-inch (250-millimeter) pulp-cone woofers deliver deep, crisp bass that will not degrade at any listening level. You'll hear low frequencies with clarity, power and low distortion.

1-3/4" (50mm) high-frequency transducer for crystal-clear highs

The S3900's 1-3/4-inch (50-millimeter) Aquaplas-treated compression driver provides exceptional high-end response with low distortion. You'll experience natural, realistic tones from all your music and movies.

3/4" (19mm) ultrahigh-frequency transducer for extreme highs

We've built the S3900's 3/4-inch (19-millimeter) ultrahigh-frequency compression driver from pure titanium. It reproduces crystal-clear, ultrahigh frequencies quickly, accurately and without strain or distortion — even when you crank up the volume.

Extremely smooth and wide frequency response

With a frequency response of 33Hz – 40kHz, the S3900's sound reproduction is extremely smooth and extended in every direction. The system's directivity and power response are highly uniform, its harmonic distortion is reduced to inaudible levels, and its dynamic linearity is unparalleled.

Rear-mounted port for extended bass response

A rear-mounted port in the S3900 provides optimal low-frequency tuning for extended bass response without adding boominess or unwanted coloration in your audio.

Patented JBL Bi-Radial horn

The S3900 high- and ultrahigh-frequency drivers are mounted in patented JBL Bi-Radial horns for rich, stable stereo imaging and a wide, sit-anywhere soundstage. JBL engineers first developed the Bi-Radial horn for audio professionals and their studios. Now, you can have the exceptional Bi-Radial sound at home.

Bi-wiring capabilities

The S3900's internal dividing network enables bi-wiring capabilities that offer you more flexibility in amplifier selection — and serious sonic advantages in the audio response.

Gold-plated terminals

Nothing beats gold for maximum corrosion resistance and minimal signal loss. So it should come as no surprise that we've plated the S3900 speaker terminals in it.

Specifications

- ▶ Speaker type: Three-way floorstanding
- ▶ Low-frequency transducer: Two 10" (250mm) pure-pulp cones with ferrite motor assemblies
- ▶ High-frequency transducer: 1-3/4" (50mm) compression driver with an Aquaplas-treated pure-titanium diaphragm and neodymium motor assembly on a SonoGlass[®] Bi-Radial horn
- ▶ Ultrahigh-frequency transducer: 3/4" (19mm) compression driver with a pure-titanium diaphragm and neodymium motor assembly on a SonoGlass Bi-Radial horn
- ▶ Maximum recommended amplifier power: 250 watts
- ▶ Frequency response: 33Hz – 40kHz (–6dB)
- ▶ Nominal impedance: 6 ohms
- ▶ Sensitivity: 92dB (2.83V/1m)
- ▶ Crossover frequencies: 850Hz, 12kHz
- ▶ Enclosure type: 1" (25mm)-thick MDF stock, ported
- ▶ Connector type: Dual gold-plated five-way binding posts
- ▶ Dimensions (H x W x D): 39-13/32" x 14-9/16" x 14-1/2" (1001mm x 370mm x 368mm)
- ▶ Weight: 86.3 lb. (39kg)

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HARMAN International Industries, Incorporated
8500 Balboa Boulevard, Northridge, CA 91329 USA
www.jblsynthesis.com

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