



# MS SERIES

Powerful, advanced component upgrades for any car audio system

With peak power ratings of 320 to 1800 watts, JBL<sup>®</sup> MS Series component speakers and subwoofers will add serious muscle to any car audio system. But the MS Series is also about flexibility, offering you exactly the wiring options you need to build the car audio system of your wildest dreams. All MS Series subwoofers are dual voice-coil designs, available in both dual 4-ohm and dual 2-ohm models. Connecting the coils of a single sub either in parallel or in series makes it possible to optimize the load for nearly any amplifier. The various configurations available also make it simple to design a multiwoofer system with just the right impedance for any amp. The system design possibilities are almost unlimited – and the sound is exceptional. MS component speakers feature lightweight fiberglass-laminate woofer cones for smooth frequency response, titanium inverted-dome tweeters for bright, distinct high-frequency (HF) sound, and high-quality outboard crossovers to maximize the system power handling. The outboard crossovers also include tweeter level adjustments to make it easy to fine-tune the system response for the acoustics of your vehicle. The MS subs feature rigid polypropylene cones with stitched tri-laminate surrounds and vented polepieces, and are optimized for sealed and vented enclosures. Both the speakers and the subs are built with vented, cast-aluminum baskets that dissipate heat effectively to play louder and longer without power compression. Power, accuracy and dynamic range are what set JBL professional loudspeakers apart, and the JBL MS Series speakers have been engineered to the pro speakers' exacting standards.

# MS SERIES

Powerful, advanced component upgrades for any car audio system

## FEATURES, ADVANTAGES AND BENEFITS

FEATURES	ADVANTAGES	BENEFITS
Dual voice-coil subwoofers in dual 4-ohm and dual 2-ohm designs	Maximum system-building flexibility, maximum bass output	Nearly unlimited system design possibilities
Rigid polypropylene woofer cones with stitched tri-laminate surrounds (MS subwoofers)	Enhanced mechanical reliability at high excursion	Plays louder and lasts longer
Fiberglass-laminate cones (MS-62C and MS-52C)	Smooth midrange frequency response	Richer, more accurate vocal and instrument sounds
Titanium inverted-dome tweeters	Improved HF clarity and presence	Bright, distinct HF sound
Vented, cast-aluminum woofer baskets	Better heat dissipation and reduced power compression	Higher output with reduced distortion
Separate woofer and tweeter modules with high-quality external passive crossovers featuring wire-wound resistors, polypropylene caps and tweeter level and phase controls (MS-62C and MS-52C)	Precise regulation of crossover frequencies	Fine-tuned system response to suit vehicle acoustics and personal taste
Woofer phase plug (MS-62C and MS-52C)	Smooths off-axis response from the woofer for a better blend with the tweeter	Similar sound in all listening positions and from various speaker mounting positions
Spring-loaded push terminals	Permits use with a variety of wire gauges	Installation flexibility

## TECHNICAL SPECIFICATIONS

	Type	Continuous power handling	Peak power handling	Frequency response	Nominal impedance
<b>MS-62C</b>	6-1/2" (165mm) two-way component system	80W	320W	60Hz – 20kHz	4 ohms
<b>MS-52C</b>	5-1/4" (130mm) two-way component	80W	320W	70Hz – 20kHz	4 ohms
<b>MS-10SD2 SLIM</b>	10" (250mm) dual voice-coil subwoofer Reduced mounting depth	250W	1000W	28Hz – 200Hz	2+2 ohms
<b>MS-10SD4 SLIM</b>	10" (250mm) dual voice-coil subwoofer Reduced mounting depth	250W	1000W	28Hz – 200Hz	4+4 ohms
<b>MS-12SD2</b>	12" (300mm) dual voice-coil subwoofer	450W	1800W	30Hz – 400Hz	2+2 ohms
<b>MS-12SD4</b>	12" (300mm) dual voice-coil subwoofer	450W	1800W	30Hz – 400Hz	4+4 ohms



by **HARMAN**

**HARMAN**

HARMAN Consumer, Inc.  
8500 Balboa Boulevard, Northridge, CA 91329 USA

© 2011 HARMAN International Industries, Incorporated. All rights reserved. JBL is a trademark of HARMAN International Industries, Incorporated, registered in the United States and/or other countries.

Features, specifications and appearance are subject to change without notice.

[www.jbl.com](http://www.jbl.com)