

## Car Audio Loudspeakers



“design **innovation**  
achieves superior **sound** quality  
in an **automotive** environment”

McIntosh has been developing and producing loudspeakers for over 25 years. Many of these systems have been awarded patents for their unique technology and design. Our focus has been dedicated to one simple philosophy, to create speakers capable of reproducing music as accurate as possible with superior imaging and the lowest possible distortion.

Mobile sound systems face unique challenges. Higher ambient noise levels typically demand greater output levels from small diameter drivers and the environment itself subjects speakers to excessive heat, moisture and vibration. LD/HP® technology, a patented McIntosh design, allows speakers to operate at high excursion and high output with no substantial increase in distortion. In addition, McIntosh utilizes special structural materials to ensure great resistance to heat, UV and moisture. The result is a speaker with unsurpassed clarity and dynamic capability.

This proven technology, together with a number of technical innovations has resulted in car audio loudspeakers that are meeting the performance challenges which are specific to the environment of a car.

**Patented LD/HP® Driver**  
**High Excursion, Low Distortion Design**  
**High Temperature Voice Coil Formers**  
**Gold-Plated Terminals**  
**Magnetic Fluid Cooling**  
**Butyl Rubber Surround**  
**Strontium Magnets**  
**Die-Cast Aluminum Frame**  
**Protective Metal Grille**

*A Tradition of Excellence*



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Car Audio  
Loudspeakers



**MSS530** 5 1/4" woofer/midranges, 1" tweeter drivers, MN530 crossover networks

DESCRIPTION	FREQUENCY RESPONSE	SENSITIVITY	IMPEDANCE	POWER HANDLING	MAGNET
	80Hz to 20kHz	85dB	4Ω	120w	Strontium, Neodymium
CONE MATERIAL	SURROUND	MOUNTING DIAMETER/DEPTH		WEIGHT	
Woofer: Mica-filled polypropylene Tweeter: soft-dome	Rubber	Woofer 6.56" (16.7cm)/2.75" (7.0cm) Tweeter 2.12" (5.4cm)/.56" (1.4cm)	8.6 lbs. (3.9kg.)		



**MSS630** 6 1/2" woofer/midranges, 1" tweeter drivers, MN630 crossover networks

DESCRIPTION	FREQUENCY RESPONSE	SENSITIVITY	IMPEDANCE	POWER HANDLING	MAGNET
	80Hz to 20kHz	85dB	4Ω	120w	Strontium, Neodymium
CONE MATERIAL	SURROUND	MOUNTING DIAMETER/DEPTH		WEIGHT	
Woofer: Mica-filled polypropylene Tweeter: soft-dome	Rubber	Woofer 7.62" (19.4cm)/3" (7.6cm) Tweeter 2.12" (5.4cm)/.56" (1.4cm)	9.5 lbs. (4.3kg.)		

Crossover  
Networks



**MN530**

**MN630**

DESCRIPTION	CROSSOVER FREQUENCY	LOW-PASS SLOPE	HIGH-PASS SLOPE	DIMENSIONS HxWxD	WEIGHT
Crossover networks for use in MSS530 system	2400Hz	12dB/octave	12dB/octave	5.2" x 2.7" x 1.4" (1.32cm x .686cm x .34cm)	1.6 lbs. (0.7kg.)
Crossover networks for use in MSS630 system	2500Hz	12dB/octave	12dB/octave	5.2" x 2.7" x 1.4" (1.32cm x .686cm x .34cm)	1.6 lbs. (0.7kg.)