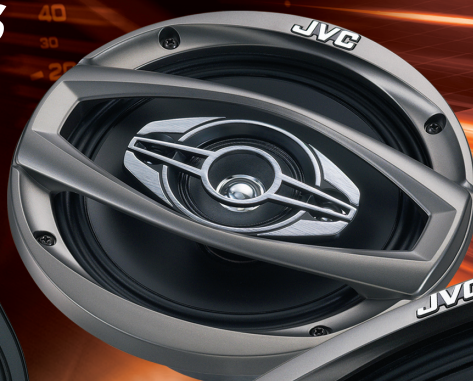


cs-HX8 Series



CS-HX7158

7" x 10" 5-Way Coaxial Speakers

CS-HX6958

6" x 9" 5-Way Coaxial Speakers

CS-HX6948

6" x 9" 4-Way Coaxial Speakers

CS-HX6848

6" x 8" 4-Way Coaxial Speakers

CS-HX748

6-3/4" 4-Way Coaxial Speakers

CS-HX648

6-1/2" 4-Way Coaxial Speakers

CS-HX638

6-1/2" 3-Way Coaxial Speakers

CS-HX538

5-1/4" 3-Way Coaxial Speakers

CS-HX438

4" 3-Way Coaxial Speakers

Shallow
&
Slim Design

Various
Sizes

Twin Roll
Surround

Large
Magnets

Mica
Aramid Fiber

Key Benefits

The slim and shallow design speakers in various sizes can be installed in a wide range of vehicles, providing powerful quality sound with large magnets and Twin Roll Surround.

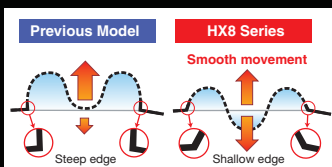
Large Magnets

Large magnets provide enough force to drive even the lowest frequencies.



Twin Roll Surround

The Twin Roll Surround can move in vertically symmetrical amplitudes. This offers increased total amplitude, better sound pressure, and less distortion, which enables the speakers to deliver every sound from low to high frequencies. The shallower edge on the HX8 Series allows smoother motion for clear, brisk sound.



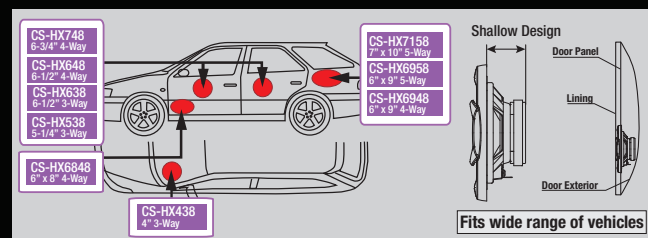
Mica Aramid Fiber + Carbon Fiber Composite Olefin Cone Woofer

The woofer cone is reinforced by adding mica to aramid fiber + carbon fiber composite, to provide more powerful and dynamic bass reproduction.



Shallow & Slim Size

The speakers are designed with a shallower midrange and grille for a slim mounting depth, which can fit various types of cars.



Speakers



MOBILE ENTERTAINMENT

cs-HX8 Series

Key Specifications

	CS-HX7158	CS-HX6958	CS-HX6948	CS-HX6848	CS-HX748	CS-HX648	CS-HX638	CS-HX538	CS-HX438
Woofer									
Type	5-Way Coaxial	5-Way Coaxial	4-Way Coaxial	4-Way Coaxial	4-Way Coaxial	4-Way Coaxial	3-Way Coaxial	3-Way Coaxial	3-Way Coaxial
Size	7" x 10" (18 x 25 cm)	6" x 9" (15 x 23 cm)	6" x 9" (15 x 23 cm)	6" x 8" (15 x 20 cm)	6 3/4" (17 cm)	6 1/2" (16 cm)	6 1/2" (16 cm)	5 1/4" (13 cm)	4" (10 cm)
Mica Aramid Fiber + Carbon Fiber Composite Olefin	✓	✓	✓	✓	✓	✓	✓	✓	✓
Twin Roll Rubber Edge	✓	✓	✓	✓	✓	✓	✓	✓	✓
Magnet	Strontium Magnet (25.6 oz)	Strontium Magnet (20.1 oz)	Strontium Magnet (17.8 oz)	Strontium Magnet (11.7 oz)	Strontium Magnet (11.7 oz)	Strontium Magnet (11.7 oz)	Strontium Magnet (8 oz)	Strontium Magnet (6.4 oz)	Strontium Magnet (5.4 oz)
Midrange									
Size	2 5/8" (6.6 cm)	2 5/8" (6.6 cm)	2 5/8" (6.6 cm)	1 31/32" (5 cm)	1 31/32" (5 cm)	1 31/32" (5 cm)	1 31/32" (5 cm)	1 31/32" (5 cm)	1" (2.5 cm)
HHC Cone	✓	✓	✓	✓	✓	✓	✓	✓	✓
Magnet	Strontium Magnet	Strontium Magnet	Strontium Magnet	Neodymium Magnet	Neodymium Magnet	Neodymium Magnet	Neodymium Magnet	Neodymium Magnet	Neodymium Magnet
Tweeter									
Size	1" (2.5 cm)	1" (2.5 cm)	1" (2.5 cm)	19/32" (1.5 cm)	19/32" (1.5 cm)	19/32" (1.5 cm)	1/2" (1.2 cm)	1/2" (1.2 cm)	1/2" (1.2 cm)
Type	Metal Coated Poly-Ether Imide Balanced	Metal Coated Poly-Ether Imide Balanced	Metal Coated Poly-Ether Imide Balanced	Metal Coated Poly-Ether Imide Dome	Metal Coated Poly-Ether Imide Dome	Metal Coated Poly-Ether Imide Dome	Metal Coated Poly-Ether Imide Dome	Metal Coated Poly-Ether Imide Dome	Metal Coated Poly-Ether Imide Dome
Magnet	Neodymium Magnet	Neodymium Magnet	Neodymium Magnet						
Super Tweeter									
Size	19/32" (1.5 cm)	19/32" (1.5 cm)	19/32" (1.5 cm)	1/2" (1.2 cm)	1/2" (1.2 cm)	1/2" (1.2 cm)			
Type	Metal Coated Poly-Ether Imide	Metal Coated Poly-Ether Imide	Metal Coated Poly-Ether Imide	Metal Coated Poly-Ether Imide	Metal Coated Poly-Ether Imide	Metal Coated Poly-Ether Imide			
Super Tweeter 2									
Size	1/2" (1.2 cm)	1/2" (1.2 cm)							
Type	Metal Coated Poly-Ether Imide	Metal Coated Poly-Ether Imide							
General									
Frequency Response	25 - 30,000Hz	25 - 30,000Hz	25 - 30,000Hz	30 - 25,000Hz	30 - 25,000Hz	30 - 25,000Hz	30 - 25,000Hz	30 - 25,000Hz	45 - 24,000Hz
Crossover Frequency	4, 8, 12, 15kHz	4, 8, 12, 15kHz	4, 8, 12kHz	4, 8, 12kHz	4, 8, 12kHz	4, 8, 12kHz	5, 8kHz	5, 8kHz	5, 8kHz
Power Handling Capacity (Peak)	600W	510W	490W	310W	310W	310W	250W	230W	160W
Power Handling Capacity (RMS)	100W	80W	80W	50W	50W	50W	40W	40W	25W
Impedance	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω
Sound Pressure Level	87 dB/W/m	87 dB/W/m	87 dB/W/m	85 dB/W/m	86 dB/W/m	85 dB/W/m	86 dB/W/m	85 dB/W/m	82.5 dB/W/m
Mounting Depth	3 3/8" (85 mm)	3 3/16" (80.5 mm)	3 7/32" (81 mm)	2 13/32" (61 mm)	2 1/2" (63 mm)	2 9/32" (57 mm)	1 13/16" (45.5 mm)	1 3/4" (44 mm)	1 25/32" (45 mm)

Dimensions

