



The Perfect Experience / —

**JVC MOBILE** ENTERTAINMENT

**JVC Canada Inc.**

**Contacts:**

Sameer Suleiman  
JVC Canada Inc.  
(416) 293-1311  
sameer.suleiman@jvc.ca

**JVC Mobile Offers High-End Arsenal Series Speakers**

*Hemp Fiber Provides Smooth Transition*

January 2010, Toronto, ON -- JVC Mobile Entertainment offers a broad new selection of Arsenal Series speakers to appeal to specialist retailers and enthusiasts.

The Arsenal Series component speakers CS-ARS500, CS-ARS650 and CS-ARS680 feature an illuminated crossover network and a glass fiber laminated hemp cone.

The advanced Arsenal Series coaxial speakers CS-AR500, CS-AR650, CS-AR680 and CS-AR690 feature a tweeter voice coil that delivers point source radiation and new box-in-line design for crossover networks.

All Arsenal speakers have a sensitivity of 92dB/Wm. The two-year standard warranty applies to all Arsenal products.

**Slim Design**

A slim design allows for installation in a wider range of cars. This is enabled by application of neodymium magnets and aluminum frames. The CS-ARS650 and CS-ARS680 include adapters to expand the range of cars where they may be installed. Angle adjustable tweeter expands installation possibilities. Tweeter voice coil within the woofer delivers point source radiation.

**Hemp Fiber**

Hemp fiber provides natural mid and high frequency sound, creates a smooth transition between woofer and tweeter crossover frequencies, and is strong and light enough for more power capability and stunning sound quality.

**Sophisticated Design—Powerful and High-Grade**

A T3 Chassis (Thermal Transfer Technology) transfers heat away from the voice coil to the speaker's aluminum basket by connecting the neodymium magnet structure to the basket, using a layer of heat transfer silicon. The aluminum basket acts like a radiator for

the T3 process, providing the best protection against an overheated voice coil, especially under high current loads. With Radiating Equalizer, the centerpiece on an Arsenal component driver is connected to the speaker's T3 structure, and efficiently dissipates heat from inside of the motor structure. Its unique shape design also blends and focuses high-frequency sound waves toward the listener's ears.

A Solid Neodymium Disc Magnet is unlike conventional magnets, which radiate magnetic force in all directions. The Solid Disc Magnet focuses more magnetic power upwards toward the speaker's voice coil—creating more power handling and SPL.

### **CS-ARS680-6" x 8" / 5" x 7" 2-Way Component Speakers**

- 240W Max./80W RMS
  - Frequency Response: 35 Hz -30,000Hz
  - 6x8"/5x7" Universal Installation Capability
  - [Separate Crossover Network](#)
  - [Glass Fiber + Paper + Hemp Cone Woofer](#)
  - [Titanium Hard Dome + Silk Edge Tweeter](#)
  - [Neodymium Magnet \(Tweeter\)](#)
  - [High Efficiency T3 Air Vent Cooling System](#)
- \*Highlighted items apply to CS-ARS650 and CS-ARS500 also.*

### **CS-ARS650-6.5" 2-Way Component Speakers / CS-ARS500-5" 2-Way Component Speakers**

- 240W Max./80W RMS (CS-ARS650)
- 210W Max./70W RMS (CS-ARS500)
- Frequency Response: 35Hz-32,000Hz (CS-ARS650)
- Frequency Response: 50Hz-32,000Hz (CS-ARS500)
- Universal Mounting Adapter (For CS-ARS650)

### **CS-AR690-6" x 9" 2-Way Speakers / CS-AR680-5" x 7" 2-Way Speakers**

- 240W Max./80W RMS (CS-AR690)
  - 180W Max./60W RMS (CS-AR680)
  - Frequency Response: 30Hz-30,000Hz (CS-AR690)
  - Frequency Response: 35Hz-30,000Hz (CS-AR680)
  - Glass Fiber + Foaming PP Cone Woofer
  - [Titanium Hard Dome Tweeter](#)
  - [Point Source Structure](#)
  - [In-Line Network](#)
  - [Neodymium Magnet \(Tweeter\)](#)
- \*Highlighted items also apply to models CS-AR650 and CS-AR500.*

### **CS-AR650-6.5" 2-Way Speakers / CS-AR500-5" 2-Way Speakers**

- 180W Max./60W RMS (CS-AR650)
- 150W Max./50W RMS (CS-AR500)
- Frequency Response: 35Hz-20,000Hz (CS-AR650)
- Frequency Response: 40Hz-20,000Hz (CS-AR500)

**About JVC Canada Inc.**

JVC Canada Inc, is a wholly-owned subsidiary of Victor Company of Japan Ltd., with branches located in Toronto, Vancouver, and Ottawa, JVC distributes a complete line of video and audio equipment, including high definition displays, camcorders, DVD players and recorders, satellite systems, home and portable audio equipment, mobile entertainment products and recording media. For further product information, visit JVC's Web site at <http://www.jvc.ca> or call 1-888-293-1311.