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## Harman Kardon's AVR 7000: The Ultimate Combination of Features

As the variety of program playback and source choices multiplies every day, it takes a carefully constructed combination of features to meet consumers' requirements. Equally important, those features need to be presented in a product that is both powerful and sophisticated, yet elegant and easy to use. Although others may aspire to satisfy those needs, only the new AVR 7000 delivers on the promise of audio/video convergence with the quality you've come to expect from Harman Kardon.


Harman Kardon's premier AV receiver, the AVR 7000, combines the power of advanced digital processing and audiophile-grade digital-to-analog converters with the flexibility of a comprehensive suite of digital and analog inputs and outputs. Driving the unit is simple, as any setup command or adjustment may be made through either a menu-driven on-screen display or a discrete remote-control function. This gives audiophiles the power they need without making it difficult for novices and technophobes.

A large part of the AVR 7000's sophistication comes from the wide array of inputs and outputs under its control. Along with the standard analog audio, composite video and S-Video you expect, the AVR 7000 is one of the few receivers available that features component video switching. This means that the customer who purchases a high-end DVD player, satellite dish or digital TV set-top can route and select multiple video signals through the AVR. This is key, as most component TV sets have only one component video input; soon your customers will have more than one device with this signal.

The AVR 7000 also features a total of four digital audio inputs (two optical and two coaxial), more than enough to accommodate most home-entertainment systems. In addition, it features both coaxial and optical digital audio outputs for connection to digital recorders, such as the Harman Kardon CDR 2 compact disc recorder. Additional audio expansion is possible with a full complement of preamp outputs, main amplifier inputs, and a separate six-channel-direct input for use with future formats, such as DVD Audio.

Input selection and general operation are done with a backlit remote control, which can operate up to eight devices and offers both programmable and learning capability. Audio signals are processed by a powerful Crystal® DSP engine and converted back to an analog output signal by high-precision AKM DACs.

In addition to offering a variety of processing modes, including Dolby® Digital, DTS®, Logic 7®, VMAx®, HDCD® and others, the AVR 7000 may be used in a multi-zone system to choose a separate source for video, as well as audio, signals. A separate IR-sensor input permits the remote room to make its own selections, and the AVR 7000 even includes a second, separate "Zone II" remote for multiroom use.



The AVR 7000's amplifier is pure Harman Kardon, packing a powerful amplifier section that delivers more than 75 amps of high-current capability to handle almost any load, and 100 watts of power to each of the five output channels (8 ohms, 20Hz – 20kHz, <0.07% THD). This power plant includes dual, matched output devices for each channel, separate power supplies for the driver section and the discrete output transistors, and a massive toroidal transformer to supply power on demand (up to half a kilowatt!).

Combining power with flexibility, the AVR 7000 goes to great lengths to satisfy every customer requirement. A unique front-panel display uses clear graphic icons to guide the user through the speaker configuration process, while crisp displays always indicate the input source and surround mode. The button count has been reduced without sacrificing control, enabling Harman Kardon to use the AVR 7000 to introduce an elegant new appearance that is also available in the CDR 2 and the DVD 5. For those who want to precisely tune their system crossovers, the AVR 7000 also offers a selectable low-pass-crossover network (100Hz, 90Hz or 80Hz) to accommodate different speaker systems and listening environments.

Rounding out the package, the AVR 7000 has unique touches that set it apart from the rest of the pack. For example, the front-panel VID 4 connections (audio and both composite and S-Video) may be switched from their normal input use to an output for quick connection and dubs with portable audio/video devices. Using the menu system, volume level at turn-on may be preset to a programmable default, no matter where it was set the last time the system was used. Finally, a comprehensive memory system separately stores the surround mode, speaker configuration and output trim levels, surround crossover frequency, and digital input selection for each of the 5 A/V and 3 audio-input sources. *That* is the ultimate combination of power, flexibility and simplicity!

No matter how you look at it – or listen to it – the AVR 7000 has the features and power of receivers with price tags twice its own, while delivering the audio quality of the most select separate components. Only Harman Kardon can deliver this combination, from the most modest entry-level model to the top-of-the-line AVR 7000.

**For more detailed information regarding the AVR 7000 visit the Harman Kardon Web site at [www.harmankardon.com](http://www.harmankardon.com).**