

features and specs

	HARMAN KARDON AVR 7200 (\$2,000)	JVC RX-DP9V (\$1,100)	ONKYO TX-NR900 (\$1,500)
AMPLIFIER SECTION			
Powered channels	7 ¹	5	7 ¹
Rated output power (into 8 ohms, 20 Hz to 20 kHz, channels driven individually or in pairs)	100 watts x 7 with maximum 0.07% THD	100 watts x 5 with maximum 0.02% THD	110 watts x 5 with maximum 0.08% THD
SURROUND PROCESSING			
Primary surround decoding modes	Dolby Digital EX and DTS-ES	Dolby Digital and DTS	Dolby Digital EX and DTS-ES
THX certification and processing facilities	none	THX Select; THX Surround EX/ES; THX Cinema	THX Select; THX Surround EX/ES; THX Cinema
Multichannel processing for two-channel and matrix-encoded four-channel sources	Dolby Pro Logic II, DTS Neo:6, Logic7	Dolby Pro Logic	Dolby Pro Logic II, DTS Neo:6
Other multichannel ambience/surround modes	Theater, Hall I and II	10 modes, including 4 DPL-based Theater modes	6 modes with defeatable effects for front channels
Virtual surround sound	VMAx (Near and Far modes for two speakers; headphone mode)	two-speaker and headphone mode	yes
96-kHz/24-bit digital audio	all channels	all channels	five channels
Bass-management crossover frequency	40, 60, 80, 100, 120, or 200 Hz individually selectable for front L/R, center, and surround channels for all inputs; defeatable for multichannel analog input	80, 100, or 120 Hz selectable for all channels; does not apply to multichannel analog input	80, 100, or 120 Hz selectable for all channels; does not apply to multichannel analog input
CONNECTIONS			
Component-video (wideband)	2 inputs, 1 output	2 inputs, 1 output	2 inputs, 1 output
Composite/S-video	6 inputs (1 front-panel), 4 outputs ²	5 inputs (1 front-panel), 3 outputs	6 inputs (1 front-panel), 3 outputs ³
Digital audio inputs	3 optical, 3 coaxial ² (1 of each on front panel)	3 optical, 1 coaxial	4 optical (1 front-panel), 3 coaxial
Digital audio outputs	2 optical, 2 coaxial ²	1 optical	2 optical
Multichannel analog audio inputs (for DVD-Audio, SACD)	8-channel	6-channel	8-channel
Analog stereo audio inputs	2 line-level (1 front-panel)	3 line-level (1 front-panel), 1 phono	2 line-level (1 front-panel), 1 phono
Analog recording loops	2 A/V, 1 audio-only	2 A/V, 2 audio-only	2 A/V, 1 audio-only
Headphone output	yes	yes	yes
AC convenience outlets	2 switched, 1 unswitched	none	2 switched
Multiroom outputs	stereo line- or speaker-level audio ⁴ ; A-BUS	none	composite-video, stereo line- or speaker-level audio ⁴
OTHER FEATURES			
Remote control	8-component, preprogrammed and learning; five 20-step macros; punch-through commands; simple handset supplied for remote room	7-component, preprogrammed (basic commands)	7-component, preprogrammed and learning; two 16-step macros
Onscreen menus	Setup, Advanced; onscreen confirmation of everyday operations (defeatable)	Setup, Level, and DSP-adjust; no onscreen confirmation of everyday operations	Setup, Level, and DSP-adjust; no onscreen confirmation of everyday operations
AM/FM tuner	30 presets	15/30 presets	40 presets
Miscellaneous	MP3, HDCD decoding; EZSet auto level calibration via remote-control microphone; switchable front-panel input/output connections; defeatable front-panel tone and balance controls	five-channel quasi-parametric EQ; A/V Text-CompuLink with remote CD Text search and display	MP3/WMA decoding via NetTune Internet-radio connection; menu-based tone controls; A/V Sync adjustable delay (0 to 74 ms) to synchronize picture and sound; Intelli-volume to match input levels from different sources

¹ Includes two outputs selectable for left/right back surround or Zone 2 speakers. ² Front-panel jacks are switchable; can be inputs or outputs. ³ Additional composite-video output for Zone 2. ⁴ Powered output assigned to Zone 2 or back surround speakers at setup.