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**NEW YAMAHA 7.1 CHANNEL AV AMPLIFIER AND RECEIVERS OFFER  
EXTENSIVE PERFORMANCE AND FEATURES, COMPATIBILITY WITH  
LATEST HIGH DEFINITION SOURCES AND SUPERB AUDIO AND  
VIDEO REALISM**

*— Models Feature Advanced HD Audio and Video Capabilities; Compatibility  
with HD Radio, iPods, CINEMA DSP 3D processing, etc. —*

Milano, —Yamaha Musica Italia S.p.A., today introduced three new next-generation 7.1 channel AV home theatre amplifier and receivers, the DSP-Z7 (Available Nov. 2008 / Euro 2.499,00 SRP), the RX-V3900 (Available: Nov. 2008 / Euro 1.799,00 SRP), and the RX-V1900 (Available Oct. 2008 / Euro 1.299,00 SRP). Offering impressive audio and video performance, unprecedented compatibility with digital music devices and sources, extensive custom installation and convenience features and flexible multi-zone capabilities, three models bring new versatility and excitement to the home entertainment experience.

Additionally, each model also offers iPod compatibility via the optional YDS-11 Universal Dock (Euro 89,00 SRP). An optional Yamaha Bluetooth® Wireless Audio Receiver (Euro 119,00 SRP) enables users to stream A2DP audio from devices such as mobile phones and computers to both models. The both DSP-Z7 and RX-V3900 also provides a well-designed graphical user interface that is optimized for display on HDTV monitors.

## NEW YAMAHA 7.1 CHANNEL AV AMPLIFIER AND AV RECEIVERS OFFER MOST 2 EXTENSIVE COMPATIBILITY WITH LATEST DEVICES AND SOURCES, SUPERB AUDIO AND VIDEO REALISM

The DSP-Z7 and RX-V3900 integrates vast network receiver capabilities to work with the most advanced devices on the market. This model can also stream Internet radio (MP3 and WMA). Compatible with Windows Vista and DLNA, the unit can play music files (WAV, MP3, WMA, AAC) stored on locally networked PCs. The both models can also display album artwork through its GUI to take user engagement to a new level.

Yamaha's proprietary Compressed Music Enhancer technology compensates for the lost detail of audio that is compressed during the "ripping" process, recapturing the essence of the original recording. The DSP-Z7 and RX-V3900 also has a front panel USB port for quick and easy connections of other portable audio devices.

### **Comprehensive HD Audio and Video Feature Sets**

Three models offer full support of HD audio format signals including Dolby Digital Plus, Dolby TrueHD, DTS-HD High Resolution Audio and DTS-HD Master Audio, as well as surround sound processing with the enhanced capability of Yamaha's exclusive Cinema DSP. Content with 5.1-channel audio is augmented by two front "presence" channels that expand the sound field upward and outward. All 3 units also feature 3D CINEMA DSP which gives the sound field an extra vertical dimension for more realistic sound images via the two front presence speakers.

The new Z7 and Vx900 series boast four HDMI inputs to provide pure, unadulterated images and sound from devices such and Blu-ray players, DVRs and DVD players. The DSP-Z7 and the RX-V3900 has two HDMI outputs that can be employed simultaneously, while the RX-V1900 has one.

## NEW YAMAHA 7.1 CHANNEL AV AMPLIFIER AND AV RECEIVERS OFFER MOST 3 EXTENSIVE COMPATIBILITY WITH LATEST DEVICES AND SOURCES, SUPERB AUDIO AND VIDEO REALISM

Both models upconvert analog video sources, enabling their signals to be routed to a connected HDTV through the HDMI output cable. The DSP-Z7 and RX-V3900 harnesses Anchor Bay Technology's ABT2010 chip which delivers all of the processing power of their acclaimed Video Reference Series technology to provide video upscaling from 480i or 480p, to resolutions up to 1080p. As a result, users have a true high-definition experience even when viewing sources such as DVDs. A 120Hz refresh rate is supported to accommodate reduced flicker LCD TVs. Moreover, 1080p/24Hz compatibility provides optimal performance with Blu-ray Discs and compliant displays.

Auto Lip-Sync Compensation prevents sync issues sometimes associated with transmitting video and audio via HDMI. Refinements exclusive to the DSP-Z7 and RX-V3900 include PReP™ Progressive Reprocessing with 2:2/2:3 pull-down detection and motion adaptive deinterlacing to eliminate artifacts.

For DSP-Z7, it has a versatile video adjustments such as Mosquito Noise Reduction, Block Noise Reduction with 6 preset memories for different sources, and it's chassis design with cross-shaped frames and double-box construction tuned for HD sound era.

Additional features for high quality performance include Yamaha's Digital ToP-ART design which simplifies the signal path and eliminates noise sources to ensure superior audio and video performance. Activating the receivers' Pure Direct functionality protects the signal additionally by further shortening its path, bypassing all DSP circuitry and cutting power to non-essential functions such as the front-panel display. High Current Amplification allows the amplifiers to drive all types of speakers with pure, robust sound. Also included are discrete low-noise power supplies, Burr-Brown 192kHz/24bit DACs, large arch-shaped heat sinks, low jitter PLL circuitry for SPIDF signals, and ultra-rigid vibration damping chassis design.

The Yamaha Parametric Room Acoustic Optimizer (YPAO) simplifies the home theater setup process by automatically analyzing room acoustics and setting parameters for optimum sound quality at the touch of a button.

**NEW YAMAHA 7.1 CHANNEL AV AMPLIFIER AND AV RECEIVERS OFFER MOST 4 EXTENSIVE COMPATIBILITY WITH LATEST DEVICES AND SOURCES, SUPERB AUDIO AND VIDEO REALISM**

The DSP-Z7 and RX-V3900 can output video, with on-screen display (OSD), to a second zone simultaneously with the main room. Additionally, they can be controlled from the Web browser of a PC or PDA over a home network.

These 3 models are well equipped for high-end custom installations with versatile control for up to four zones (for DSP-Z7) and three zones (for RX-V3900/V1900). Their 7.1 channels can be used to create immersive surround sound environments in a single room, or their seven internal power amplifiers can be allocated to a main room and up to two additional zones. An RS-232C interface and simplified remote unit, which can be used for Main Zone, Zone 2 or Zone 3, enable seamless system operation throughout the home. Both models also offer zone mono, the availability of a receiver manager and programmable dual 12-volt triggers.

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