

# marantz®

**For Immediate Release**

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**MARANTZ BEGINS SHIPPING VP-12S4 DLP™ VIDEO PROJECTOR**

*-- First-Ever Use of Gennum 10-Bit VXP™ Video Processing in a Consumer Projector,  
Dual HDMI Inputs and More --*

**ITASCA, IL., February 16, 2005** – Marantz America, a world leader in advanced home entertainment solutions, today announced it has begun shipping its breakthrough High-Definition VP-12S4 DLP™ Projector, significantly raising the bar in high-end video projector performance. With a suggested retail price of \$14,499, the reference-quality VP-12S4 combines the world's most advanced video processing circuitry with sleek new styling, highlighted by a chic pearlescent cosmetic.

**Unsurpassed Performance and Custom Installation Flexibility**

Marantz engineers designed the VP-12S4 for superb image clarity, brightness and color reproduction, setting new standards in both high-end video projector performance and custom installation flexibility. In addition to the Gennum 10-bit chip, the VP-12S4 incorporates the Texas Instruments 16 x 9 high-definition HD2+DC3 DMD DLP chip which produces images with higher brightness, improved black level and an unprecedented 4000:1 contrast ratio—yielding extraordinary resolution, picture quality and color accuracy. For realistic, balanced colors the VP-12S4 features Marantz's proprietary ORCA™ Color Correction Filter, filtering light to achieve better color accuracy, with more realistic reproduction of green hues.

For installation in any room and from any screen distance, the VP-12S4 utilizes a new medium-throw Minolta lens—specially-built for Marantz—in addition to the long- and short-throw lenses. Providing a wider zoom range and adjustable iris, these custom lenses have double-sealed optics to prevent light leakage, keep out dust and eliminate the “halo” effect that can degrade image quality in other projector

designs. The lenses also feature an increased lens shift capability over previous models, allowing for a vertical alignment up to a maximum 50% of the screen height above the screen.

### **World's First Use of Gnum VXP™ Video Processing in A Video Projector**

Key to the VP-12S4's extraordinary image performance is the first ever use of the specially designed 10 bit image processing chip with Visual Excellence Processing™ from Gnum Corporation, a world leader in broadcast image processing and video transport solutions. The VP-12S4 is the first projector in the world to utilize the new Gnum chip. Benefits of the VXP™ include per-pixel processing of all HDTV and SDTV video signals, multi-directional edge adaptive processing and robust inverse 3:2 and 2:2 processing of film-based inputs. In addition, uncompromised 1080i motion adaptive video deinterlacing circuitry virtually eliminates all motion artifacts when converting standard interlaced video signals to progressive scan output.

### **Total Compatibility With Programming Sources**

The VP-12S4 is compatible with virtually every digital and analog video program source; and the projector includes dual HDMI inputs that maintain a pure digital signal path from source to display. For total installation flexibility, it includes an input multiplexer that supports up to four separate inputs. In addition, the VP-12S4 also provides high-bandwidth HD component video, component video, S-video and composite video connections as well as analog RGB computer inputs.

The VP-12S4 can display a native 720p progressive scan image from a DVD-Video player, HDTV set-top box, computer up to XGA resolution or an upconverted image from any NTSC source as well as 480i and 1080i images.

A newly designed on-screen menu system facilitates setup and calibration. The projector can be optimized to display both 16:9 widescreen or standard 4:3 aspect ratios with four viewing modes: Theater, Standard, Dynamic and Custom. The VP-12S4's Lens Shift feature allows the image to be shifted up or down and projected through the upper or lower portion of the lens; this function and its horizontal keystone correction enable the VP-12S4 to achieve correct picture geometry if the projector is not mounted exactly parallel to the screen.

For integrated operation in a custom installation, the VP-12S4 includes remote in/out connections, an RS232C control port and two DC trigger connections that can trigger two different operations. For example, the projector can be set to reconfigure a dual-aspect ratio projection screen whenever the aspect ratio of the program source changes from 16:9 to 4:3. All functions are accessible via the VP-12S4's remote control and on-screen menu.

The VP-12S4 is currently available with a suggested retail price of \$14,499 for both the short-and medium-throw lens versions.

### **The Next Step Up: The VP-10S1 3-chip DLP Projector**

Marantz is also currently shipping its ultimate-quality three-chip VP-10S1 High-Definition DLP Projector. The VP-10S1 incorporates three Texas Instruments 16 x 9 high-definition HD2 1280 x 720 DMD chips, delivering unprecedented picture quality in every respect with standard-setting sharpness, resolution and clarity.

The VP-10S1 carries a suggested retail price of \$37,999.

### **About Marantz**

Marantz America is committed to upholding the tradition of technological superiority initiated by founder Saul Marantz. In keeping with this emphasis on quality, Marantz audio and video components are carried only by the nation's premier independent audio/video specialty retailers. Additional information is available at [www.marantz.com](http://www.marantz.com). Marantz America is a wholly owned subsidiary of D&M Holdings Inc.

### **About D&M Holdings US Inc.**

D&M Holdings US Inc. is owned by D&M Holdings, which (TSE II: 6735) is based in Tokyo and is the parent company of wholly owned subsidiaries Denon Ltd., Marantz Japan, Inc. and McIntosh Laboratory, Inc. DENON, Marantz and McIntosh are global industry leaders in the specialist home theater, audio/video consumer electronics and professional audio markets, with a strong and long-standing heritage of manufacturing and marketing high-performance audio and video components. A wholly owned subsidiary of D&M Holdings U.S., Inc., Digital Networks North America, Inc. (DNNA), owns the ReplayTV<sup>®</sup>, Rio<sup>®</sup> and Escient<sup>®</sup> brands — all representing award-winning technologies in digital home entertainment. Additional information is available at [www.dm-holdings.com](http://www.dm-holdings.com).

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