

UD8004

SA-CD / Blu-ray / DVD-Audio & Video / CD Universal Player



Begin with the performance and flexibility that's based on Marantz's flagship UD9004 universal disc player and encase it in a more space-efficient chassis that matches our finest surround processor and multi-channel power amplifier.

The UD8004 Universal Disc Player isn't another run-of-the-mill "commodity" device. The chassis's two-layer bottom plate and heavy top cover hide a triple-sectioned chassis that isolates power supply, microprocessor array, and the sensitive analog circuitry. Notice the rear panel's audio and video analog outputs. They're all machined heavy-duty chassis-mount connectors. These connectors let you use virtually any cable and switch interconnects without ripping inexpensive connectors from a printed circuit board.

The subtly contoured front panel, an ergonomic combination of extruded aluminum and fiberglass composite adds shielding, additional rigidity, and a sophisticated look. At just a hair more than 4.3" high, it honors the Marantz tradition of exceptional industrial design.

Notice the center disc drawer. Behind the vibration-absorbing polymeric alloy disc tray sits a new and exclusive mechanism that provides exceptional rigidity and rotational accuracy – a prime requirement when you consider that Blu-ray discs rotate 30 times faster than conventional CDs!

The list of supported formats includes Blu-ray (BD Video Profile 2 with Bonus View support), BD-R/RE, DVD-V & -A, DVD+R/RW, DVD-R/RW, SA-CD (stereo and multi-channel), CD, and CD-R/RW. Let's not forget MP3, WMA, JPEG, DivX version 6, Kodak picture CDs, or AVCHD files either. A front panel SD card slot reads SD & SDHC cards as well as miniSD and microSD cards with an adaptor for easy enjoyment of JPEG photos and MP3/WMA music files, too.

But the most important point is the UD8004's extraordinary reproduction quality of both audio and video.

Audio circuitry, Marantz's strength for well over half a century, features an on-board 32-bit floating point SHARC processor for accurate decoding of the latest high-bit digital formats. Each channel benefits from a 192 kHz/24-bit D/A converter. And the analog stages themselves? They're on three separate circuit boards – one for stereo, the other two devoted to multi-channel sources. Each benefits from Marantz's proprietary HDAM-SA2 modules instead of common low performance op-amps. These Hyper Dynamic Amplifier Modules boast extraordinary slew rate and vanishingly low noise. And each output features closed-loop current feedback topology that, when combined with HDAM's advantages, presents the most detailed yet smoothest sound you'll find in virtually any A/V source component. The audio circuits are tuned with custom capacitors and draw their operating current from a dedicated EI-core transformer for maximum isolation.

Video circuits are equally impressive and feature an Anchor Bay Video Reference processor. In addition to providing film-quality video from Blu-ray discs, this powerhouse upscales DVDs with both motion-adaptive and edge-adaptive technology that individually scales both horizontally and vertically to display images at 1080p resolution (through the HDMI output) at either 60 or a film-friendly 24 frames per second. MPEG noise reduction and the elimination of artifact-producing 3:2 pulldown mean you'll enjoy startling image quality regardless of the disc you choose. Even analog video takes a giant step forward with the 297 MHz/12-bit video A/D converters for Component, S-, and Composite video viewing.

HDMI 1.3 capability gives you full access to 36-bit Deep Color video when available. Auto Lip Synch removes the distraction some people experience by making sure that image and sound are in step with each other.

Yes, the UD8004 Universal Disc Player makes a singular case for upgrading your audio and video capabilities with a single component. Whether used as a stand-alone player or integrated seamlessly into the most sophisticated custom-installed home theater system, the Glo-key remote controller lets you access functions even in low-light situations. A discrete command set for On and Off, RC-5 remote control terminals, an IR flasher input/output, and an RS-232C connection lets you choose whichever degree of operational sophistication you need.

The UD8004. Extremely capable. Unmistakably Marantz.



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FEATURES

Separate Power Supply for Audio	•
DTS® Decoder	dts Master Audio, dts High Resolution Audio etc.
Dolby Digital® Decoder	Dolby TrueHD, Dolby Digital Plus etc.
Disc Capacity	1
Progressive Scan	•
3:2 Pulldown	•
Playback Formats	SA-CD (Stereo/Multi), BD-Video/R/RE, DVD-Video/Video/+R/+R DL/+RW/-R DL/-RW, SD/SDHC Data: MP3/WMA/AAC/WAV/JPEG/DivX HD/AVCHD
Video DAC	Analog Devices 297 MHz/14 bit
Audio DAC	192kHz 24 bit
HDAM	HDAM-SA2 with Current Feedback Analog Audio Circuits
Video Circuit Off	Pure Direct Mode
Display On/Off	•
Double Layered Bottom Plates	•
Headphone	-
Video Scaler	Anchor Bay ABT2015
Bass Management	•
Gold Plated Terminals	•

SOUND ENHANCEMENTS

Power Transformer	Elusive EI Transformer for Audio Circuits
Chassis	Double Layered Top Cover & Bottom Plate
Lip-sync (digital audio delay)	•

IN/OUTPUTS

VIDEO

HDMI Out	1
Component Out	1 Set (Gold Plated)
S-Video Out	1 (Gold Plated)
Composite Out	1 (Gold Plated)

AUDIO

Analog Out	Machine Milled Gold Plated Stereo
7.1ch Analog Out	Gold Plated 7.1 ch
Digital Optical Out	1
Digital Coaxial Out	Gold Plated x1

OTHER

External control (RS232C)	D-Sub 9 pin (Female) x1
D-Bus Remote (RC-5) In/Out	1/1
Direct IR input	Flasher In: 1, Out: 1

SPECIFICATIONS

Freq. Response (Digital Audio)	SA-CD: 2 Hz -100 kHz, BD: 2 Hz - 88 kHz, (192 kHz sampling), DVD: 2 Hz - 88 kHz (192 kHz sampling), CD: 2 Hz - 20 kHz
S/N Ratio	120dB
Dynamic Range	110dB
THD (1 kHz)	0.0015%

GENERAL

Color	Black
Front Panel	Aluminum/Glass-reinforced Resin
Remote Control	Liminus Key Device Remote
Power Requirement	AC 120V 60Hz only
Power Consumption	55W (Standby: 0.3W (Power saving mode), 0.8W (Normal mode), 20-35W (Quick start mode))
Dimensions W x H x D (Inches)	17-3/8" x 5" x 15-3/4"
Weight (lbs)	18.7



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*All specifications, dimensions and weights are subject to change without notice.
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