



MAGNETAR UDP-800



Presentation

Equipped with the famous professional quad-core system Media Tek MT8581 chipset, the UDP800 4K UHD Blu-ray player features advanced image decoding and processing technology, with 4K ultra HD and HDR support, including Dolby Vision and HDR10+, providing clear and sharp picture and rich colors. With its metal body while being elegant and durable, the 4K UHD Blu-ray player UDP800 exudes the beauty of science and technology in simplicity and introversion, and makes your audio-video life even better.

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A Reference in Image Quality

The UDP800 can play DVDs, Blu-rays, 4K UHD discs and even media files, featuring h265 & H264 support. Picture quality is sharp and clear, with crisp details pleasing to the eye.

HDR Technology

The UDP800 has eye-popping brightness, contrast and gorgeous colors. Picture is rich and full, with vivid colors, even in low light and backlight environment. UDP800 supports HDR10, HDR10+ and Dolby Vision with stunning HDR to SDR conversion, with BT.2020/BT.709/BT.601 color space support.

4K Upscaling

The UDP800 can convert low resolution video sources up to 4K 50/60Hz (3840 x 2160) resolution. Four times the resolution of full HD 1080p, enhancing home video experience

High Fidelity Lossless Music

The UDP800 can decode DSD64/128, multi-channel DSD64, and 192kHz/24-bit PCM formats with AIFF, ALAC, APE, FLAC and WAV audio file support. Enjoy 4K hd picture quality without missing every detail of sound. UDP800 supports Dolby TrueHD and DTS-HD Master Audio, as well as Dolby Atmos and DTS-X, enabling you to enjoy the best panoramic sound and immersive experience.

User Experience interface

The UDP800 Interface is designed to provide you a smooth and intuitive experience, allowing easy access to various settings and local USB devices and networks.

Premium Digital Analog Converter

For Pure Audio playback, UDP800 specifically adopts a 4-layer PCB circuit board where each channel is designed with independent wiring. Two independent Burr-Brown PCM 1795 DAC processors are used for two-channel D/A decoding, processing left channel and right channel respectively. And high-quality MUSES8920 OP-AMP for audiophile sound quality. UDP800 comes with stereo XLR gold-plated balanced terminals and stereo RCA gold-plated unbalanced outputs. Pure audio mode function is available to bring uncompromised sound quality to audio lovers.

Full multimedia experience

UDP800 supports multiple disc and media formats, such as UHD-BD, BD, BD-R, BD-RE, DVD-R/RW, DVD+R/RW, DVD-Video, DVD-Audio, SACD, CD, CD-R/RW. In addition, USB HDD up to 16TB is supported, with direct access from your computer or NAS through your local network using DLNA or SMB protocols, for a better multimedia life.

High-Power transformer

MAGNETAR engineers specially selected a custom 60W high-power low noise transformer for the UDP800, with a two-stage filter design along with Japanese Rubycon electrolytic capacitors to meet the high transient response required by surround sound systems and high-resolution audio. A separate metal case lowers noise level, providing stability and silence, further improving audio and video quality.

Elegant and Solid quality in Chassis Construction

Achieving exceptional audio and video performance requires high quality chassis construction and stability. The UDP800 provides a brushed aluminum front panel, in a solid highly rigid metal chassis to greatly improve audio and video performance, with a distinctive double layer chassis structure thickened to 1.6mm and a 3mm steel plate under its base, reducing vibration and generated noise during playback. Major internal components, including our CD mechanism and power supply are independently shielded to reduce external magnetic fields. With such a qualitative design, the MAGNETAR UDP800 weighs 8kg! High-end home entertainment at his best.

Disc type

UHD Blu-ray, Blu-ray, Blu-ray 3D, DVD-Video, DVD-Audio, AVCHD-SACD, CD, Kodak Picture CD, CD-R/RW, DVD±R/RW, DVD±R DL, BD-R/RE

Output

Analog audio: stereo

Independent stereo analog audio: XLR balanced output, RCA output

Optical/coaxial audio: up to 2 channels /192kHz PCM, Dolby Digital, DTS

HDMI audio: up to 7.1 channel /192kHz PCM, up to 5.1 channel DSD, Bitstream

HDMI video: UHD/p24 1080/1080p / 1080I / 720p / 576p / 576I / 480p / 480I

Analog audio characteristics

Frequency range: 20HZ-20khz (-3dB ~ +0.05dB), Signal-to-noise ratio: & GT: 120dB

Total harmonic distortion + Noise: & LT: 0.00018%, Output level: (RCA) 2.1±0.2Vrms. (XLR) 4.2±0.4Vrms

Dynamic range: AGT: 120dB, Channel separation: & GT: 120dB

General specification

Power supply: AC 100-240V ~, 50/60Hz

Power: 30 W (Standby: 0.5W in energy saving mode)

Size: 430 mm x 300 mm x 90 mm

Weight: 8kg

Working temperature: 41° F - 95° F 5° C - 35° C, Working humidity: 15% - 75%