



UDP900 MKII Product Specification



UDP900 MKII Upgrades from UDP900

- ✧ **Room Ready in certification**
- ✧ **Fully Redesigned Audio utilizing dual ESS9038PRO DAC's**
- ✧ **TMDS retiming on HDMI audio port**
- ✧ **Enhanced USB 3.0 system with isolated power**
- ✧ **XMOS supports PCM768/512 DSD**
- ✧ **Upgraded copper wiring and Amphenol/JST connectors**
- ✧ **Control 4 Support**
- ✧ **Crestron Support**
- ✧ **Wake-up on Lan**

Advanced Image/Audio Processing Technology

UDP900 MKII features a 6-layer gold-immersion main PCB with JST and Amphenol connectors, ensuring stable connections. It integrates high-precision TCXO oscillator and LDO power-supply processing. Along with Murata capacitors, TDK magnetic devices and NCC electrolytic capacitors, the UDP900 MKII significantly improves audio and video quality.

The 4-layer audio boards with independent wiring and high-quality capacitors guarantee excellent sound. Along with an independent linear power supply module. Hi-Fi XLR balanced terminals and gold-plated RCA outputs contribute to a superior Audiophile sound quality.

Exceptional Audio - Visual Experience

UDP900 MKII supports Dolby Vision and HDR 10+, offering top-notch high-dynamic-range visuals. The ESS9038PRO D/A decoder offers stereo and multi-channel outputs. With XMOS USB Audio input capable of handling PCM768 and DSD512, UDP900 MKII offers premium audio output. The TMD5 retiming function on the HDMI AUDIO port also refines audio quality.



Solid and Stable Build

UDP900 MKII has an all-aluminum-alloy body and a double-layer chassis. Its internal components are individually shielded by metal casings, which effectively block vibration, noise and external magnetic fields. This ensures pure and clear audio-visual output.



Versatile Compatibility

UDP900 MKII is compatible with almost all disc formats. Its optimized USB 3.0 port better adapt to various devices. And enhanced optical drive structure improved the stability of disc reading. UDP900 MKII can seamlessly share media files in various formats via DLNA, SMB and NFS.



Dual Power Supply Design

UDP900 MKII is equipped with a high-power switching power supply for the digital main board, which meets high-transient-response requirements. A 60W low-noise transformer with a two - stage filter powers the surround sound and high-resolution audio. Additionally, a 60W toroidal transformer for analog audio reduces noise and heat, maximizing audio quality.



Technical Features

Supported Disc Types

- 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 Output: 7.1-channel RCA, 2-channel RCA and Balanced XLR
- Digital Audio Output: Optical, Coaxial, HDMI
- HDMI Audio Output: Support up to 7.1 Channel 192kHz PCM, 5.1 Channel DSD
- HDMI Video Output: UHD 23.976/25/30/50/59.94/60Hz, 1080 I/P, 720P, 576I/P, 480I/P, source direct

Analog Audio Characteristics

- Frequency Range: HIFI 2 channel: 20Hz-50kHz(± 0.01 dB); multichannel: 20Hz-50kHz(± 0.01 dB)
- Signal-to-noise Ratio: ≥ 120 dB (2CH RCA); ≥ 130 dB (2CH XLR)
- Total Harmonic Distortion Plus Noise: $\leq 0.0005\%$
- Output Level: ≤ 3 Vrms(RCA); ≤ 6 Vrms(XLR)
- Dynamic Range: ≥ 120 dB (2CH RCA); ≥ 130 dB (2CH XLR)
- Channel Resolution: ≥ 110 dB (2CH RCA); ≥ 130 dB (2CH XLR)

General Specifications

- Power Supply: AC 110-120V ~ 50/60Hz / AC 220-240V ~ 50/60Hz
- Power Consumption: <40W, Standby < 0.5W
- Operating Temperature: 5°C~ 35°C (41°F ~ 95°F)
- Operating Humidity: 15% ~ 75%
- Unit Dimensions: 445 x 321 x 133 mm
- Unit Weight: 15.4kg
- Unit Packing Dimensions: 550 x 470 x 265mm
- Unit Packing GW: 18.9kg