

# OLIVE O6HD DESIGNED FOR AUDIOPHILES.

The Olive O6HD Music Server will turn your stereo into a professional quality HD music system.



## **Audiophile Sound**

The team that developed the O6HD has over a decade of experience working on the world's best analog brands. They understand what it takes to deliver audiophile level sound. With the O6HD, they merged the best of analog quality with the latest digital technology. The result is sound of exceptional clarity and depth. You'll be able to hear the difference from the very first note.

## **Huge Display**

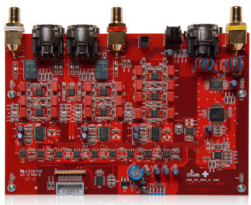
The O6HD features a 10.1" color touch screen – making it the HD Music Server with the largest display on the market. The glass-on-glass technology delivers super sharp images, crisp type and bright color – which makes it a pleasure to find that special track or browse through the album covers in your music collection. Your music has never looked better.

## **Innovative Design**

The O6HD is beautiful and unique, but most importantly it was designed to deliver the ideal music experience. The solid aluminum shell dramatically reduces resonance, while our patent-pending feet design eliminates vibrations. Besides, with fan-less cooling, it's virtually silent. At the same time, the angled top optimizes visibility, making it a treat for your eyes as well as your ears.

# OLIVE O6HD

The Olive O6HD is engineered to deliver the ideal music experience. Inside out.



## Fully balanced differential Digital Analog Converter (DAC)

- Two TI 192kHz/24-bit Burr-Brown PCM1792 running in mono mode
- Ultra-low jitter master clock (10 picoseconds after re-clocking)
- TI SRC4194 Asynchronous Sample Rate Converter (Up-sampling to 24-bit/384 kHz)
- Ultra-fast op amps (< 20V/us slew-rate)
- Analog filter: 2nd-order Bessel reconstruction filter

## State-of-the-art technology platform & high-speed processor

- Flawless encoding and decoding of lossless audio format
- Fast management and access to extensive music libraries
- Supports simultaneous streaming of high quality audio to multiple rooms

## Hard Drive

- Ultra-quiet 2TB AV hard drive
- Holds almost 20,000 HD tracks or 6,000 CDs in original quality
- Cushioned in 8 layers of noise cancelling padding

## CDRW

- High fidelity TEAC CDRW mechanism
- Import: Audio CDs
- Burn: Audio CDs, MP3 CDs, Data CDs

## High-end Headphone Output

- Dedicated TI 192kHz/24-bit Burr-Brown PCM1792
- TI's top-of-the-line TPA6120A2 High Performance Audio Amplifier (current-feedback architecture)

## Audio Connectors

### Analog Output:

- 1x XLR (balanced), made by Neutrik
- 1x RCA, (24k gold-plated)
- 1x Headphone, stereo, 6.4 mm

### Digital Output:

- 1x AES/EBU (balanced), made by Neutrik
- 1x S/P DIF optical Toslink
- 1x S/P DIF coaxial cinch, 24k gold-plated

## Supported Audio Formats

- Bit rate: 16-bit, 20-bit, 24-bit
- Sampling Frequency: 10kHz up to 200kHz
- WAV, FLAC, MP3 (128 and 320 kbit/s), AAC (128 kbit/s)

## Networking

- Wireless, 802.11n (54 Mbit/s), Encryption: WEP, WPA, WPA2, 64- and 128-bit
- 1x Wired Gigabit Ethernet

## Other Ports

- 1 x HDMI (480p, 60Hz)
- 1 x USB 1.1/2.0
- Infrared Receiver Input

## Color touch-screen

- 10.1" wide-aspect ratio
- High-resolution (800 x 480 pixels)
- Glass-on-Glass touch-screen technology

## High-precision linear power supply

- Separate supplies for analog and digital components
- High-performance AC line filter (ultra-high noise attenuation at close to 80db)
- Custom-built toroidal transformer
- Large reservoir capacitors
- Ultra-low noise linear regulators (two stages of regulation, dedicated linear regulator for the clock generator)
- Passive cooling concept no fan

## Measurements

- Width 17.125"
- Height 4.5" (at highest point)
- Depth 14"
- Weight 16.5 lb

## Color

- Silver or Black

## Box also includes

- User manual, Remote control with battery, WiFi antenna, Power cord.