

olive[®]
SAVE THE SOUND



OPUS N°5

2,200 CDs at your fingertips. As sweet as vinyl.

INTRODUCING THE ALL-NEW OPUS N°5.

Music enthusiasts rejoice. The new OPUS N°5 is the world's first digital audio system bringing together the sweet sound of vinyl and the accuracy and convenience of digital audio. Based on its revolutionary Pure Audio System™ (PAS™) technology, fusing state-of-the-art audio with digital technologies, it delivers a warm, full-bodied, and spacious sound with an exceptionally realistic soundstage. A sound so lively it makes you want to reach out and touch the performer. It is clearly the most uncompromising music playback system on the world market today, giving you instant access to up to 2,200 of your CDs. In breathtaking quality.

EXCEPTIONAL SOUND.

Reviewed by many renowned audiophiles and music enthusiasts, Olive's OPUS pure audio systems have received unanimous special recognition for their outstanding sonic performance: a sound quality that is unparalleled in digital audio devices, and one that can otherwise only be found in high-end CD players with three or four times the price tag.

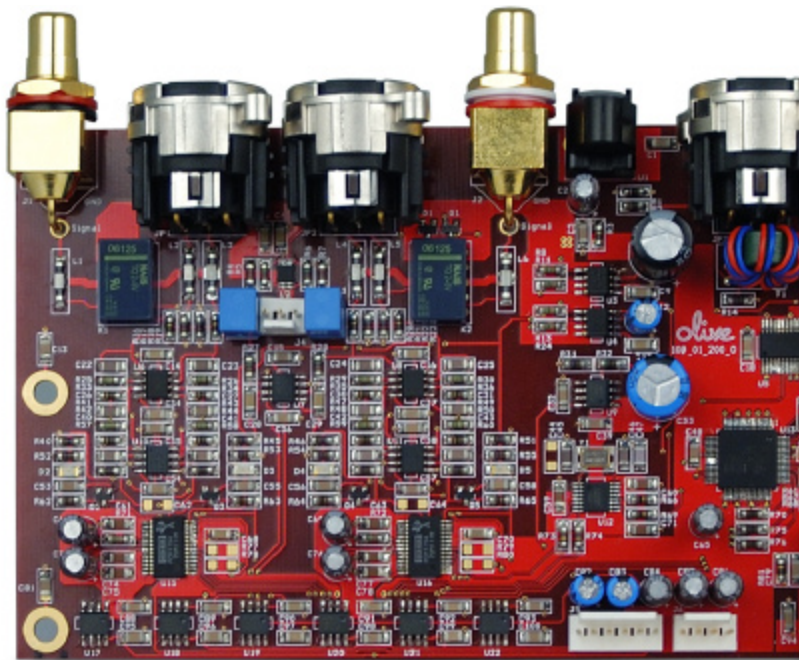
Olive has perfected this world class listening experience with the OPUS N°5. Working in close cooperation with Texas Instrument's High Performance Analog division Olive has developed a proprietary DAC module for its Pure Audio System™ (PAS™) technology, which also features a new and completely redefined audiophile-grade power supply. The result is an astonishing new level of quality for digital music. The OPUS N°5 is the first digital player to recreate the sweetness of analog with perfect accuracy, offering the quality of a live performance.

Fully balanced differential DAC.

At the heart of the PAS™ technology is a fully balanced differential DAC design ensuring the integrity of the sound signal during the entire signal path. It features the finest audio components available today, combining digital accuracy with analog musicality.

Accurate.

The new OPUS N°5 delivers an exceptionally accurate sound image, without being fatiguing. To ensure the precise timing of the music data flow from your OPUS' library into the DAC, the OPUS uses a high-end TI DIR9001 Digital Audio Receiver and a separate temperature-compensated crystal oscillator. The resulting ultra low jitter performance of 10 ps (after relocking) virtually eliminates jitter, which causes so many digital audio devices to sound unnatural and harsh. Olive's circuit design further minimizes jitter by using the shortest digital signal path possible. The result is a sound picture of unequalled transparency and tonal accuracy from both hard drive and CD.



Pure.

Sound on your OPUS comes from a truly black background, revealing all the nuances and subtleties that make your hair stand on end. The heart of the OPUS' fully balanced differential DAC design is a matched pair of TI's top-of-the-line 24-bit 192 kHz DAC modules (PCM1794A) for the inverted and non-inverted signals on each of the right and left channels. Combined with Olive's harmonious circuit design, the OPUS' delivers an industry-leading signal-to-noise ratio of more than 123 dB.

Authentic.

Listening to music on your OPUS is a lot like attending a live performance. With its wide soundstage and excellent separation of instruments, the OPUS conveys the exact acoustic characteristics of the original recording, and the placement of the performers within it. Using the latest TI SRC4194 Asynchronous Sample Rate Converter, the OPUS upsamples any lower audio standard to 176.4 kHz 24-bit, and later in the process to 352.8 kHz (8 times the CD rate), resulting in an incredible purity in high frequencies and low-level detail.

Musical.

The OPUS delivers the warm, open and spacious sound that has –up to today– only been achieved with high-end vinyl solutions. One reason is that the best DAC designs usually fail in the final output stage, resulting in feedback and transient response issues. This phenomenon, also known as slewing induced distortion, causes the music to sound edgy and harsh. The OPUS uses ultra-fast op-amps with at least 20V/us slew rate, and a gentle 2nd-order Bessel reconstruction filter to completely eliminate this problem. This is evident in the OPUS' exceptionally flat frequency response (+0/-0.5db, 20Hz-20kHz) and low THD+N.

Well-Connected.

The OPUS features a wide range of high quality outputs to your stereo system. Its balanced outputs, XLR and AES/EBU made by Neutrik, ensure the best possible integrity of the signal beyond the OPUS' outputs. Additionally, the OPUS features 24kt gold-plated RCA (analog & digital) and S/PDIF optical outputs.

High-precision power supply.



An old audio engineering wisdom is that the quality of sound is inherently linked to the quality of the power supply. The analog section of audio devices is extremely sensitive to interference and supply stability, and the layout and grounding design of a power supply therefore have a decisive influence on the sound quality of the whole system. Olive's innovative power supply design successfully addresses these key issues that have been troubling high performance audio players for decades.

Filtered.

One of the main entry points for noise and radio frequency interference (EMI/RFI) into an audio system is through the AC power lines. The OPUS employs additional AC line filters at the mains input, which considerably reduce the noise floor from the start. With an ultra-high noise attenuation at close to 80db, the OPUS employs one of the most effective filters on the market, and ensures that AC noise is virtually eliminated before it ever reaches the power supply.

Stable.

The OPUS' huge toroidal transformers deliver several times the VA that is needed in order to guarantee a stable soundstage, its large reservoir capacitors provide additional current reserves for transients and extended bass response. The use of low-noise linear regulators keeps noise levels low while supplying tightly regulated power for driving the OPUS noise-sensitive analog circuitry.

Efficient.

The best prevention overall though is to reduce the overall power consumption. That is why the OPUS uses only power efficient components. Combined with an innovative cooling concept the OPUS is the world's only audiophile digital music player without a fan. All your hear is music. Nothing more, and nothing less.

Pure.

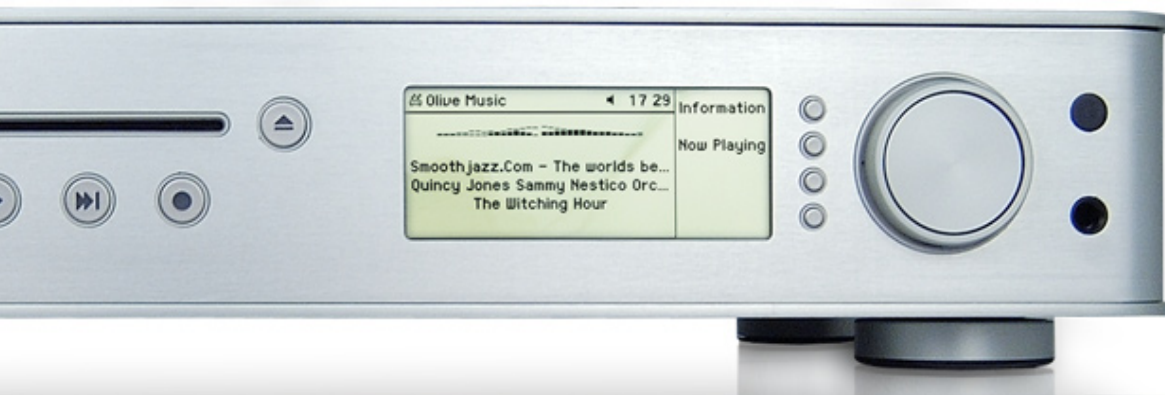
To eliminate undesirable interference, the OPUS strictly separates the power supplies for its digital and analog sections. This separation ensures that the sensitive analog stages are isolated from all power supply artifacts, and that each stage within the OPUS is supplied independently with clean power. Additionally, two stages of regulation in the analog digital supply interface lower the impedance and provide better isolation, which results in less crosstalk between analog and digital supplies. A dedicated linear regulator for the clock generator further minimizes jitter.

Unlike most other audio equipment the OPUS also uses custom-built low-noise toroidal transformers, which have been specifically manufactured for this high-end audio application. Benefits include an extremely low electromagnetic radiation, increased voltage regulation, high efficiency, low off-load power consumption, and up to 90% less mechanical hum. Additional shielding and galvanic isolation further minimize the noise level.

Even the OPUS' beautiful design is optimized for sonic performance. The solid aluminum enclosure guarantees low resonance and acoustically minimized operational noise from hard and CD drive. The natural vibration of the hard drive with its resulting hum is eliminated by a sophisticated frame concept with suspension, allowing the hard drive to "float" freely. After all, you should be the only one humming to your music.

Lossless music.

The OPUS provides plenty of capacity to store all your CDs in lossless quality. Compared to the digital music that you can buy online, a CD still delivers music with more than 10 times the resolution! So while the quality of online music is great for your portable player and earbuds, you clearly deserve better when playing it back through your home stereo system.



INNOVATIVE.

The revolution of digital music revolves around its capability to provide many new ways to enjoy music. Our OPUS starts with allowing you to make the most of the music that you already have. Many of us music enthusiasts have collected hundreds, sometimes thousands of CDs over the years. Spread over CD racks, bookshelves and booklets, it is often impossible to find the right music for the right moment, or to find the CD at all. Olive's OPUS keeps up to 2,200 of your CDs in breathtaking quality, for your instant enjoyment.



Convenient.

Getting your CDs onto the OPUS is a snap. Just insert the CD, push the record button and the OPUS automatically imports, tags and archives the CD with all relevant information, using its embedded CD database with more than 2,400,000 albums. No internet access required.

Manage.

The OPUS' clever music categorization and intuitive navigation allows you to quickly browse even extensive music libraries. Using playlists and searchlists, the OPUS can be customized to suit the individual tastes of each family member, with the ability to compile different playlists/searchlists for different moods and occasions. The revolutionary user interface is also available from any networked PC or PDA using Olive's RONDO web interface.



Plays well with others.

Connect your OPUS to your home network wirelessly with the built-in antenna, or wired through Ethernet, and conveniently play music stored on your Mac/PC* through your home stereo system. Navigate your music just as if it were stored locally on your OPUS. It works the other way around too: open your music player software on your Mac/PC and your OPUS will show up as a music source.



* Music software must support the standard UPnP A/V protocol. Music must be in audio format supported by the OPUS. Please see specifications for details.

Internet Radio.

Tired of commercials? Want to find new interesting radio stations from all over the world? The OPUS delivers thousands of free internet radio stations, many of them providing additional information about the music they play (similar to RDS). Cleverly organized in genres and quality levels, you can quickly find the station that suits you. Or simply add your own favorite stations.

Portable.

Can't live without your music? Copy your favorite playlists or albums with one simple click to your portable music player*, or burn them to CD. Never leave home without your favorite tunes.



ENJOY

At Olive we believe that your music should look and feel as good as it sounds. That is why we build the OPUS out of premium grade anodized aluminum. Its distinctive looks represent elegance and exclusivity, run your hand over its fine and elegantly curved surface and feel its extraordinary workmanship. The solid single-piece shell is modeled after a book, a metaphor for the fact that the OPUS is your music library. The subtle artwork on its cover is a symbol for what is one of the biggest pleasures of music, its diversity.



Custom-built in the USA.

The OPUS is designed and custom-built in California, USA, building on the innovative energy of the Silicon Valley and the music passion of the city of San Francisco. Each OPUS is built to order, guaranteeing you the latest in technology at the best price possible. And it gives us the opportunity to quickly respond to the many special requests that our customers have. After all, your OPUS should be as unique as your taste for music.

* Please check with an Olive sales representative for a list of compatible portable music players.

RELAX.

Making the switch to digital can be a daunting task. Deciding on one of the many music formats, setting up networks and other technology, managing and categorizing your music. And one of the biggest hassles, migrating your CD collection to a digital library. With Olive you won't have to worry about any of these.

Easy setup. Excellent support.

The setup and basic operation of the OPUS is similar to a standard CD Player, so you will be up and running within minutes. Even its integration into your home network, a nerve-wrecking task with so many other network music players, is done completely automatically, wirelessly if you wish. No costly custom installer required.

Nevertheless, we believe that you should be able to speak with a live person in case you have questions, without spending hours in the nirvana of frustrating auto attendants. That is why we offer phone support that is as simple to reach as our products are easy to use.

Preload service.

Importing CDs onto your OPUS is simple, but can be time-consuming for large collections. That is why we upload up to 300 of your CDs onto your new OPUS N°5 for free, and additional CDs at a very competitive rate. Enjoy music right out of the box. Another Olive exclusive.





Audio Performance.

Signal-to-noise ratio	123dB	
Frequency response	20 Hz - 20 kHz (+0dB / -0.5dB)	
Linearity	>110dB	
Total Harmonic Distortion (THD + Noise)	< 0.0007% @ 1 kHz, 0dB	
Dynamic range	Up to 120dB	
Channel separation	Better than 120dB	
Output level	2.0 Vrms (unbalanced), 4.0 Vrms (balanced)	
Digital to analog conversion	Fully balanced differential DAC (24-bit, 192 kHz)	
Conversion rate	352.8 kHz, 24-bit	
Analog filter	2nd-order Bessel	
Output impedance	10 Ohms (unbalanced) / 20 Ohms (balanced)	
Audio connectors	Digital Outputs	(1) AES/EBU (balanced), made by Neutrik (1) TOSLINK S/PDIF (1) COAXIAL S/PDIF
	Analog Outputs	(1) XLR (balanced), made by Neutrik (1) S/PDIF (COAXIAL), digital (1) RCA, stereo, gold-plated
	Other	(1) Headphone, stereo, 6.4 mm

Convergence.

Hard Drive	Ultra-quiet 3.5", 400 GB, 500 GB or 750 GB	
CD mechanism	CD Reader/Burner / DVD-ROM	
Networking	Wired	4-port switch, auto-sense (10/100)
	Wireless	54 Mbit/s WLAN-Access point (802.11g)
Other ports	2x USB 1.1/2.0	

General.

Mains voltage	120V, 230V factory set for destination country
Mains frequency	50 or 60Hz, factory set for destination country
Power consumption	65 Watts maximum
Overall dimensions	Width 17.25" (43.82 cm)
	Height 3.875" (9.84 cm)
	Depth 12.125" (30.80 cm)
Weight	20 lb. (9.07 kg)

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