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## ONKYO CR-N765 Black

Šifra: 11679

Kategorija proizvoda: Mini Linije i All In One Plejeri

Proizvođač: Onkyo

Cena: **47.880,00** rsd

There is also discrete headphone amplifier circuitry that will drive 600-ohm cans no problem. DIDRC technology aids in erasing high-frequency clock noise.

This mini system is perfect for your desktop as well, handling anything from gapless 192 kHz/24-bit FLAC to native 5.6 MHz DSD seamlessly - just browse to your albums using our remote app or stream from online services or your phone directly. An iPod/iPhone-certified terminal supports most formats on USB flash drives; there's FM/AM radio and a front-loading CD player. Whatever your source - get ready to hear it as it should be heard.

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### **Stream Hi-Res**

The CR-N765 is engineered to play 192 kHz/24-bit Hi-Res PCM and native 2.8/5.6 MHz DSD formats via the home network. Download the Hi-Res albums of your choice, store them in a folder on PC or NAS, and use our smartphone app to select and stream via DLNA.

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### **Gapless Playback**

Gapless playback is supported on the most popular Hi-Res formats including FLAC, WAV, and ALAC. This prevents a distracting moment of silence when tracks blend into each other, such as between movements in classical music.

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### **Mobile Apps**

Onkyo's free control app lets you navigate and stream music stored on your device, and also incorporates a number of internet radio and music

streaming services including Spotify and Deezer. Subscribers can also stream direct to the CR-N765 from the Spotify app, which lets you use other mobile applications as you listen without pausing playback.

#### Internet Radio

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#### **Internet Radio**

You can also explore a massive selection of online radio channels or browse and stream from leading on-demand music services such as Deezer, all within the smartphone app.

#### USB Connection

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#### **USB Connection**

The front-panel USB input enables a direct-digital connection to iPod, iPod touch, and iPhone, meaning the CR-N765 performs digital-to-analog conversion for vastly improved sound quality.

The connection also supports playback of compressed, lossless, and Hi-Res file formats (including DSD) stored on USB flash drives.

#### Bass Enhancement

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#### **Bass Enhancement**

PM Bass optimizes low frequencies while preserving mid-range clarity. It counters phase shifting (which generally occurs in the all-important mid-range zone occupied by vocals) by synchronizing frequency timing. The result is deep, well-defined bass that won't blur vocals or strings.

## High-End Amplification

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### **High-End Amplification**

To realize our aim of reproducing authentic Hi-Fi sound in one compact component, we include Three-Stage Inverted Darlington Circuitry—the same technology used in our range-topping Reference Series Hi-Fi amplifiers. The design uses minimal negative feedback to preserve the energy and vitality of the original performance while unique three-stage topology, discrete output transistors, and a solid metal heat sink cut distortion to negligible levels. The result? Breathtaking sound.

VLSC Technology

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### **VLSC Technology**

Smoothly decoding Hi-Res PCM and Double DSD (as well as other digital sources) is the flagship AK4490 VERITA 768 kHz/32-bit stereo D/A converter. As well as reducing audio degradation, the device boasts outstanding THD+N performance and an impressively wide dynamic range. The DAC works in harmony with Onkyo's VLSC (Vector Linear Shaping Circuitry), a system that reduces high-frequency pulse noise generated by the clocking signal. Together, these D/A conversion technologies produce brilliantly clear and detailed sound from any digital source.

Headphone Amplifier

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### **Headphone Amplifier**

The CR-N765 doubles as a

dedicated DAC/amp for  
headphone listening.  
Discrete Class A/B  
headphone amp circuitry  
delivers 150 + 150 mW of  
power—enough to drive  
any headphones rated  
between 16 and 600 Ω.  
The amplifier also benefits  
from proprietary DIDRC  
(Dynamic Intermodulation  
Distortion Reduction  
Circuitry) originally  
developed for our  
Reference two-channel  
components. This  
technology reduces high-  
frequency pulse noise to  
enhance clarity. With  
onboard 32-bit D/A  
conversion, you can  
simply move the  
symphony inside your  
head any time you want  
without compromising the  
power and emotion of  
your listening experience.  
Maximum Fidelity

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Maximum Fidelity

Housed inside a thick 1.2  
mm anti-vibration metal  
chassis are top-quality  
audio components. A  
custom power  
transformer links to the  
symmetrical L/R channels  
via short signal pathways  
to reduce errors in stereo  
playback. Two large 4,700  
µF capacitors (sourced  
from our top-of-the-line P-  
3000R pre-amplifier) keep  
a deep reserve of power  
on hand for stellar  
dynamic performance,  
and there’s also a  
dedicated transformer for  
standby mode. Processing  
and amplification blocks  
are separated to minimize  
noise, and your speakers  
are treated to gold-plated  
banana-plug-compatible  
terminals. From top to  
toe, this receiver is built  
for high-fidelity sound.

Amplifier

Power Output	22 W/Ch (4 Ω, 1 kHz, 0.4% THD, 2 Channels Driven, IEC)
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<b>VLSC</b>	Vector Linear Shaping Circuitry to Reduce High-Frequency Pulse Noise
<b>WRAT</b>	Wide Range Amplifier Technology
<b>Discrete Output Stage</b>	Three-Stage Inverted Darlington Circuitry Amplification
<b>Circuit Design</b>	Symmetrical Power Amplifier to Minimize Interference Short Signal Paths Between Amplifier and Power Supply Two Audio-Grade 4,700 µF Capacitors for Instantaneous Power Delivery
<b>Headphone Amplifier</b>	150 + 150 mW (THD+N 0.4%, 330) Output for 16-600 Ohm Headphones Dynamic

## Playback

<b>CD Drive</b>	Plays Audio CD, CD-R, and CD-RW
<b>Network</b>	Plays 192 kHz/24-bit Hi-Res PCM Audio, DSD 2.8/5.6 MHz, Lossless, and Compressed Formats via DLNA with Remote App
<b>Gapless Playback</b>	FLAC, WAV, and ALAC Audio Formats
<b>Streaming</b>	Music Stored on Mobile via Onkyo Remote App Spotify Connect Streaming Service via Spotify App Internet Radio
<b>Wireless</b>	Supports Optional Wireless LAN Adapter (UWF-1) Supports Optional Bluetooth USB Adapter (UBT-1)
<b>Formats</b>	Plays MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, LPCM, DSD 2.8/5.6 MHz via Network and USB
<b>DAC</b>	Premium 768 kHz/32-bit VERITA AK4490 for Hi-Res Audio Decoding
<b>Advanced Music Optimizer</b>	Enhance Compressed Digital Formats

## Other

<b>Bass Boost</b>	Phase-Matching
<b>Tone Control</b>	Quality Circuits (Bass/Treble)
<b>Standby Mode</b>	Yes (Dedicated Transformer)
<b>Front-Panel USB</b>	For iPod/iPhone or USB Flash Drives
<b>Digital Audio Inputs</b>	Optical and Coaxial
<b>Analog Audio Inputs</b>	3 (1 Output)
<b>Pre-Out</b>	Subwoofer
<b>Speaker Posts</b>	Transparent, Gold-Plated
<b>Chassis</b>	1.2 mm Thick Solid Metal
<b>Display</b>	Dimmer (Normal/Dim/Dimmer)
<b>Radio</b>	40 Preset FM/AM Stations RDS (PS/RT) (European Model Only)
<b>Remote Control</b>	Full-Size

## General

<b>Power Supply</b>	AC 220-230 V~, 50/60 Hz
<b>Power Consumption</b>	75 W
<b>Standby Power Consumption</b>	0.2 W
<b>Dimensions (W x H x D)</b>	215 x 119 x 331 mm
<b>Weight</b>	5.0 kg