Pure Audio Muscle in a Space-Saving Design

Fathomless power, lushness of detail, and ultimate convenience in a space-saving design: that’s the R-N855 in a nutshell. Serving music from connected HDDs and wirelessly from almost any audio app via Chromecast built-in®, AirPlay, and Bluetooth®, the receiver also features an FM/DAB+ tuner, internet radio, and inputs for turntable and CD. Peek under the hood and you’ll find a fully customized EI transformer powering Onkyo-original Switching Amplifier technology. High-grade audio circuit boards are packed with proper top-quality audio components including two huge capacitors that deliver loads of oomph and deep, powerful bass. Housed in a super-rigid full-flat metal chassis reinforced by a solid aluminum faceplate, this amp is built heavy for seriously good full-scale sound.

**HIGHLIGHTS**

- Onkyo-original 70 W x 70 W Switching Amplifier Technology
- Chromecast built-in®, AirPlay, Wi-Fi, and Bluetooth®
- Plug-and-Play USB-HDD Audio Playback Functionality*
- Spotify®, TIDAL, TuneIn, and Deezer®
- FireConnect™ Wireless Multi-room Audio Capabilities

**ADVANCED FEATURES**

- 70 W x 70 W (8 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
- Chromecast built-in®, Wi-Fi, AirPlay, Spotify®, TIDAL, TuneIn, and Deezer
- Bluetooth Wireless Audio Streaming Technology®
- USB-HDD Playback Capability with Song Selection via Onkyo Controller App

**AMPLIFIER FEATURES**

- Onkyo-original Switching Amplifier Technology with Discrete Modulation Circuits
- Custom High-Output EI Transformer and Customized Audio-grade Capacitors
- Flat-top 768 kHz/32-bit AK4490 DAC from AKM
- VLSC® Signal Processing Removes Digital Pulse Noise
- Optimum Gain/Volume Circuitry Adjusts Frequency Response to Suit Volume
- PLL (Phase-Locked Loop) Inter-Clocking Technology
- Phase-Matching Bass Boost Technology for Coherent Full-scale Sound

**CONNECTION FEATURES**

- 2 x USB Type-A Inputs (Front/Rear)
- 2 Analog Audio Inputs and 1 Output (Gold Plated)
- 1 Gold-plated Coaxial Digital Input and 1 Optical Digital Input
- MM Phono Input and Equalizer for Turntable Connection
- Gold-plated Banana-clip-compatible Speaker Posts
- RI (Remote Interactive) Input/Output for Integrated Control System Components with Included RI Remote
- AC Inlet with Detachable Cable

**OTHER FEATURES**

- Tone Controls (Bass/Treble, ±6 dB)
- DAB® and FM/RDS Tuners with 40 Station Presets
- Auto Power-off Timer
- Display Dimmer (Bright/Dim/Dimmer)
- 3.5 mm Headphone Output

* Service enabled via firmware update. *2 HDD must be formatted to FAT32.

*3 Some services may require a subscription. Service availability may vary depending on region. *4 Enabled with a firmware update. FireConnect™-compatible speakers required. FireConnect™ is a technology based on Blackfire provided by Blackfire Research LLC. USA encoding rates of 44.1 kHz and 48 kHz are supported. *5 Bluetooth Version 4.1+LE, Compatibility Profile A2DP 1.2/AVRCP 1.3. *6 Requires iOS 8.0 or later. *7 Requires Android 4.0.3 or later.
Hi-Fi Performance from a Compact Body

Onkyo’s in-house-developed Switching Amplifier technology delivers high power with vanishingly low distortion from a physically small receiver. Powered by a custom transformer and huge audio capacitors, the discrete modulation stage delivers exceptionally clear and musical sound, even with difficult-to-drive or sensitive speakers.

Super-Rigid Construction Reflects a Premium Build

The amp system and audio circuit boards are housed in a rigid, 1.6 mm-thick full-flat metal chassis further stiffened by a solid aluminum faceplate. Together with anti-resonant isolator feet, vibrations that cause interference on audio signals are virtually eliminated, improving clarity.

Hi-Res Audio via Network or USB

The R-N855 receiver features a premium AK4490 768 kHz/32-bit DAC to convert digital signals into a smooth analog waveform. This DAC module is renowned for high bandwidth and low noise, and decodes 11.2 MHz DSD and 192/24 PCM Hi-Res Audio formats over network or USB.

Stream Music from Mobile and PC

Chromecast built-in™ and AirPlay included on the receiver let you stream audio from a variety of supported applications for iPhone, iPad, and Android® devices (as well as Mac, Windows®, and Chromebok® computer)’s. A second Bluetooth® wireless technology is also included.

On-Demand Music Streaming

Support for TIDAL, Deezer, and TuneIn is built into the receiver. Use the Onkyo remote app to select a service and stream essentially any music you want, or stream directly from the Spotify® application.

Select, Play, and Update Music Stored on a Connected HDD

Load your entire digital library onto an HDD*, connect it to one of the receiver’s USB inputs, and use our smartphone app to browse and play anything in your collection complete with album art and song information. A future firmware update will enable full music server capability with audio files writable to HDD via personal computer.

* HDD must be formatted to FAT32. Onkyo cannot guarantee, nor has tested for, correct operation with all HDD device types and brands.

VLSC® Reduces Noise and Reveals Detail

Pulse noise arises when converting digital signals to analog. The R-N855 features VLSC (Vector Linear Shaping Circuitry), a unique technology that analyzes input and output signals and erases noise, clarifying details otherwise hidden in subtle distortion.

FireConnect™ Wireless Multi-room Audio

FireConnect™ mirrors network audio and external analog sources connected to master component—from streaming services to vinyl records—on FireConnect™-capable speakers in other rooms. Music selection, speaker grouping, and playback management across the home are built into Onkyo Controller app for iOS and Android®.

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FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA. VLSC and Onkyo Controller are trademarks of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.

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