

R-N855 Network Stereo Receiver



SILVER | BLACK



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 Google Cast™, 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
- Google Cast™, AirPlay®, Wi-Fi®, and Bluetooth®
- Plug-and-Play USB-HDD Audio Playback Functionality*
- Spotify®, TIDAL, TuneIn, and Deezer
- FireConnect™ Wireless Multi-room Audio

* HDD must be formatted to FAT32.

ADVANCED FEATURES

- 70 W x 70 W (4 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
- Google Cast™, Wi-Fi®, AirPlay®, Spotify®, TIDAL, TuneIn, and Deezer
- Bluetooth® Wireless Audio Streaming Technology**
- USB-HDD Playback Capability with Song Selection via Onkyo Controller App
- Onkyo Controller App for iPhone/iPod touch® and Android™ Devices**

- Supports 11.2 MHz DSD and 192/24 PCM Hi-Res Audio via Network and USB
- FireConnect™ Wireless Multi-room Capability with Optional Speakers**
- DAB/DAB+ Tuner
- Solid Aluminum Front Panel and Aluminum Volume Control
- High Rigidity 1.6 mm-thick Full-Flat Anti-Resonant Metal Chassis

AMPLIFIER FEATURES

- Onkyo-original Switching Amplifier Technology with Discrete Modulation Circuitry
- Custom High-Output EI Transformer and Customized Audio-grade Capacitors
- Flagship 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) Jitter-Cleaning Technology
- Phase-Matching Bass Boost Technology for Cohesive 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-plug-compatible Speaker Posts
- RI (Remote Interactive) Input/Output for Integrated Control of 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

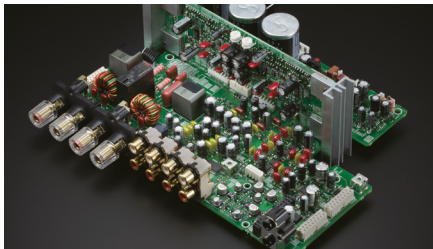
*1 Service enabled via firmware update TBA. Some services may require a subscription. Service availability may vary depending on region. *2 Bluetooth Version 4.1+LE, Compatibility Profile A2DP 1.2/AURCP 1.3 *3 Requires iOS 8.4 or later. *4 Requires Android 4.0.3 or later. *5 FireConnect™ technology is enabled via firmware update. Details TBA. FireConnect™-compatible speakers required. Speakers are scheduled for release. Details TBA. Onkyo cannot guarantee operability with all FireConnect™-compatible products.



R-N855 Network Stereo Receiver

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 insulator feet, vibrations that cause interference on audio signals are virtually eliminated, improving clarity.



Cast Music from Mobile and PC

Google Cast™ and AirPlay® included on the receiver let you cast audio from a variety of supported applications for iPhone, iPad, and Android™ devices (as well as Mac, Windows®, and Chromebook computers) in seconds. Bluetooth® wireless technology is also included.

* Service enabled via firmware update TBA.



On-Demand Music Streaming

Support for TIDAL, Deezer, and Tunes 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.

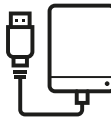


Select, Play, and Update Music Stored on a Connected HDD

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.



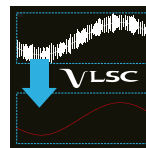
Hi-Res Audio via Network or USB

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.



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.



VLSC reshapes the signal by generating an original signal line (vector).

Supports FireConnect™ Multi-room Audio

Place optionally available wireless speakers in other rooms of your home to enjoy any source connected to your R-N855 Stereo Receiver (even your LPs) and have music wherever you go thanks to FireConnect™.

* Multi-room audio is realized by FireConnect™, a wireless technology by Blackfire Research Corp., USA. We do not guarantee this product will work with all FireConnect™-compatible speakers. Optional speakers are scheduled for release. Available sources are model-dependent.



FireConnect™ by Blackfire Research Corp. is a stable wireless protocol that mirrors any audio source connected to the receiver—from vinyl to streaming audio.

Stream and Control with Intuitive Remote App

The ability to control music from anywhere in your home is in your pocket: our new remote app gives quick access to your HDD library and online streaming services, and controls playback from anywhere within range of the local network.



SPECIFICATIONS

Amplifier Section

Power Output	70 W/Ch (4 Ω, 1 kHz, 1% THD, 2 Channels Driven, IEC)
THD+N (Total Harmonic Distortion + Noise)	0.08% (1 kHz, 8 Ω, 1 W)
Input Sensitivity and Impedance	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono MM)
Rated RCA Output Level and Impedance	200 mV/2.2 kΩ (Line Out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	5 Hz–60 kHz +1 dB/-3 dB (Direct)
Tone Control	±6 dB, 100 Hz (Bass) ±6 dB, 10 kHz (Treble)
Signal-to-Noise Ratio	106 dB (Line, IIF-A) 80 dB (Phono MM, IIF-A)
Speaker Impedance	4 Ω–16 Ω

Tuner Section

Tuning Frequency Range	FM 87.5 MHz–108 MHz
FM Preset Memory	40 Stations

General

Power Supply	AC 220–230 V~, 50/60 Hz
Power Consumption	60 W
Standby Power Consumption	0.2 W
Dimensions (W x H x D)	275 x 87.7 x 283.2 mm
Weight	6.1 kg

CARTON

Dimensions (W x H x D)	442 x 196 x 365 mm
Weight	8.0 kg

Supplied Accessories

• Indoor FM/DAB+ antenna • Instruction manual • Remote controller
• AC power cord • AAA (R03) batteries x 2*

*Not included with Chinese model



R-N855(S) Rear View

Text on component may vary with region.

ALSO AVAILABLE: CS-N1075 CD Network Hi-Fi System



CS-N1075(SB)

CS-N1075(BB)

R-N855 Network Stereo Receiver, C-755 CD Player, and D-175 2-Way Speaker System

Set yourself up for sweet sound in style with this factory-tuned CS-N1075 system, featuring matching CD player and 2-Way speaker system. (Please check regional availability.)

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