

# 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 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. \* Enabled with a firmware update.

### 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\*2
- Spotify®, TIDAL, TuneIn, and Deezer\*3
- FireConnect™\*4 Wireless Multi-room Audio

### ADVANCED FEATURES

- 70 W x 70 W (4 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\*5
- USB-HDD Playback Capability with Song Selection via Onkyo Controller App

- Onkyo Controller App for iPhone/iPod touch\*6 and Android™ Devices\*7
- 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

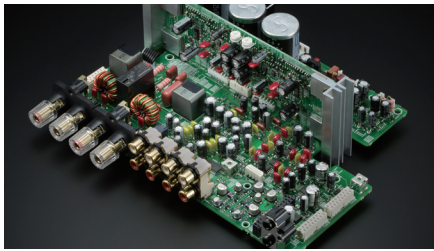
\*1 Service enabled via firmware update. \*2 HDD must be formatted to FAT32. \*3 Some services may require a subscription. Service availability may vary depending on region. \*4 Enabled with a firmware update. FireConnect™-compatible speakers required. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA. Sampling 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.



# 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.



## 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 Chromebook™ computers) in seconds. Bluetooth® wireless technology is also included.

\* Service enabled via firmware update.



## On-Demand Music Streaming

Support for TIDAL, Deezer, and TunesIn 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.



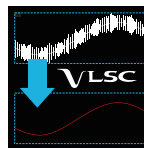
## Hi-Res Audio via Network or USB

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).

## 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™-compatible speakers in other rooms. Music selection, speaker grouping, and playback management across the home are built into Onkyo Controller app for iOS and Android™.



Note: FireConnect™ is enabled with a firmware update. Sharing audio from external inputs depends on the model and is enabled with a future firmware update. Sampling rates of 44.1 kHz and 48 kHz are supported. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA.

## 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, IHF-A)

80 dB (Phono MM, IHF-A)

Speaker Impedance 4 Ω–16 Ω

### Tuner Section

Tuning Frequency Range  
FM 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 877 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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