



Infinity

With this one unit, a new audio style emerges. From CD to network audio, the CD-N301 Network CD Player lets you enjoy a wide range of sound sources. Yamaha HiFi ensures that sound quality is first rate and the design is sophisticated, while comprehensive network functionality provides compatibility with high resolution sound sources and many streaming services, as well as AirPlay. Get ready for an infinite expansion of ways to enjoy music.

Basic CD player with audio network capabilities. Support for AirPlay and the streaming services of Spotify and Pandora highlights the further evolution of network functionality.



Black finish available in some areas.



Multi Enjoyment and Energy-saving Convenience

- Multi-audio player that allows you to enjoy a wide variety of music sources
- Compatible with Internet radio and various music streaming services including Spotify and Pandora

*Available via future firmware update. Service availability depends on regions.

- AirPlay compatible
- Support for the WAV/FLAC 192kHz/24-bit formats
- Connection* for YWA-10 WiFi Adapter

*The feature is not available in some areas.

- Auto Power Standby

App Compatible for Intuitive Control

- NP CONTROLLER APP for smartphone and tablet
- The App's Music Play function allows wireless music enjoyment from a smartphone or tablet

High Sound Quality

- Beautiful sound and top-grade design inherited from the Yamaha HiFi concept
- High-quality audio design that's meticulous about sound, using carefully selected parts

Main Specifications

Output Level	2.0 ± 0.3 V (1 kHz, 0 dB, Fs 44.1 kHz)
Signal-to-Noise Ratio	110 dB
Dynamic Range	100 dB
Harmonic Distortion	0.003%
Frequency Response	(CD) 2 Hz-20 kHz, (Network; Fs 192 kHz) 2 Hz-96 kHz

Network Section

DLNA	Version1.5
File Format	MP3, WMA, AAC, WAV, FLAC (MP3/WMA/AAC) 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48kHz

Audio Sample Rate	(WAV/FLAC) 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 64, 88.2, 96, 176.4, 192 kHz
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Bit Depth	16 bit, 24 bit (WAV/FLAC file only)
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CD Section

Support Media	CD-DA, CD-R, CD-RW
File Format	MP3, WMA

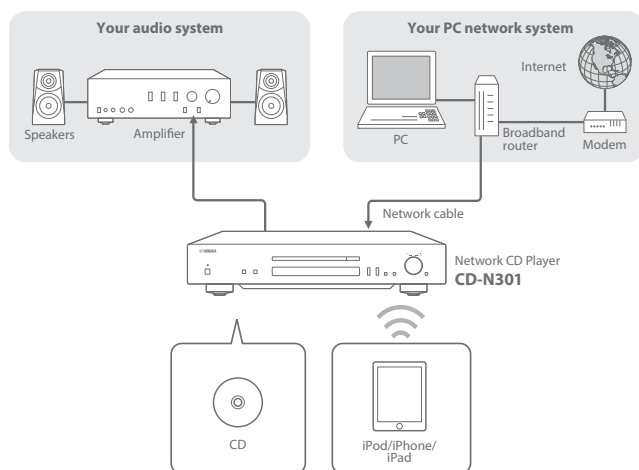
General

Power Consumption	10 W (6 W in some areas)
Dimensions (W x H x D)	435 x 86 x 260 mm; 17-1/8" x 3-3/8" x 10-1/4"
Weight	3.2 kg; 7.1 lbs.

Multi Enjoyment and Energy-saving Convenience

Enjoy a wide variety of music sources, including CDs, network audio and smartphones.

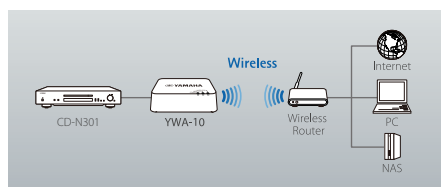
The CD-N301 is a CD player and network audio player in a single unit. In addition to your own CDs, it's simple to play audio sources downloaded from the Internet and stored on a PC or NAS system. And the special NP CONTROLLER application allows you to enjoy your favorite tunes on a smartphone or tablet device via wireless connection.



Connection* for YWA-10 WiFi Adapter

The CD-N301 provide provide a DC-out connection for the YWA-10 WiFi Adapter (optional accessory). This lets you stream music wirelessly via a router from network components such as a PC or NAS. The YWA-10 gets its power from the CD-N301's USB terminal on rear panel, and offers WPS (auto setup) or manual setup via PC.

* The feature is not available in some areas.



Listen to Internet radio stations from around the world and access music streaming*.

Support for music streaming services such as Spotify and Pandora allows you to enjoy a wide variety of music content. Furthermore, support for the vTuner radio station database enables sampling of Internet radio broadcasts throughout the world by connecting to the Internet over a LAN.

*Available via future firmware update. Service availability depends on regions.



AirPlay compatible

The CD-N301 Network CD Player has virtually all of your music playback bases covered. This includes full compatibility with AirPlay—which means you get the convenience of wireless music playback from your Mac, iPod, iPhone or iPad, as well as from a PC.



FLAC or WAV 192kHz/24-bit Audio Playback

Compatibility with FLAC/WAV 192kHz/24bit playback is built in, bringing you the sound accuracy with rich expressive power that's only possible from high resolution sources. Yamaha technologies refined over many years ensure high stability and reliability.

Auto Power Standby Function


The CD-N301 has a power management function that detects when it hasn't been used for a long time (about 8 hours) even though the power is on, and automatically shifts it into standby mode. So even if you forget to turn it off, power consumption will be minimised.




Easy to Control


NP CONTROLLER APP for handy operation from your smartphone or tablet.

Download Yamaha's NP CONTROLLER APP and use it to browse your device display to select the source or tune you want to play, as well as to see song information and album art. You can also make network and other settings. The app is compatible with either iOS (iPod, iPhone, iPad) or Android OS.









System requirements

- iOS4.2 or higher • Android OS2.1 or higher
- A wireless Local Area Network (LAN) and CD-N500 residing within the same LAN.

The App's Music Play function allows wireless music enjoyment

The NP CONTROLLER APP includes a Music Play function that lets you stream music wirelessly from a smartphone or tablet. There's no need to change to another app to enjoy music streaming. Now it's quick and easy to select and hear the music stored on your smartphone via your audio system.



High Sound Quality

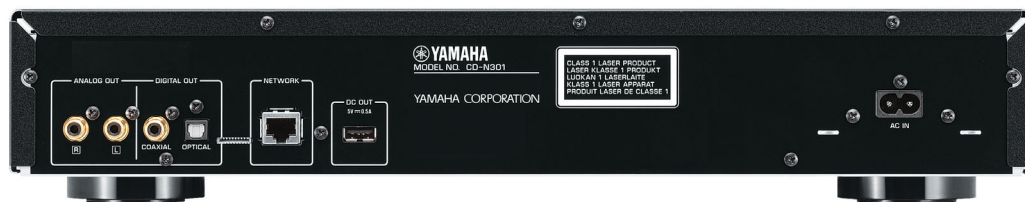
Beautiful sound and top-grade design inherited from the Yamaha HiFi concept.

The CD-N301 beautifully reproduces all sources as they were meant to be heard, and has a design sense based on the Yamaha HiFi concept. The aluminum front panel with its simple yet high-quality hairline finish features a top-grade design with a rotary encoder that's convenient for network audio control. Perfectly matching other Yamaha HiFi components, the CD-N301 ensures a high level of owner satisfaction.



High-quality audio design that's meticulous about sound, using carefully selected parts.

The carefully considered interior layout includes an independent double power supply configuration for the CD and network power supplies, and provides the shortest circuit path for audio signal travel, allowing sound to be faithfully reproduced without loss of audio signal purity. Furthermore, all parts were rigorously selected, including the 192kHz/32-bit Burr-Brown high precision DAC, highly regarded for audio use. A Pure Direct mode can be selected for even higher quality audio output.



Terminals	
Input	
Network	1
Output	
Analog Audio	1
Optical Digital	1
Coaxial Digital	1
DC out*	1

* Not included on models in some areas.

• AirPlay works with iPhone,iPad, and iPod touch with iOS4.3.3 or later, Mac with OS X Mountain Lion, and Mac and PC with iTunes 10.2.2.or Later. AirPlay,iPad,iPhone, and iPod touch are trademarks of Apple Inc.,registered in the US, and other countries. • DLNA and DLNA CERTIFIED are trademarks and/or service marks of DigitalLiving Network Alliance. • Spotify and Spotify logo are registered trademarks of the Spotify Group.