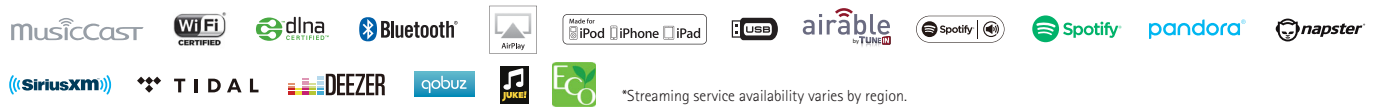# YAMAHA

Network Audio Player
NP-S303

Sleek Music Streamer

The NP-S303 features a sophisticated audio circuit design that inherits Yamaha's Hi-Fi concepts and technologies, and utilises exceptionally high-quality components. Moreover, it is compatible with Yamaha's own MusicCast wireless music system. Despite its entry model classification, the unit boasts sound quality and functionality that transcends its class and brings you a world of music that overflows with musicality — emotional, imparting a feeling of openness and a sense of energy — and delivering a joy of music not found in other network players.

MusicCast | WiFi CERTIFIED | dlna CERTIFIED | Bluetooth® | AirPlay | Made for iPod iPhone iPad | USB | airable by TUNEIN | Spotify | Spotify | pandora | napster

SiriusXM | TIDAL | DEEZER | qobuz | JUKE | ECO

*Streaming service availability varies by region.

High Sound Quality

- Separate digital and analogue circuit blocks.
  High sound quality circuitry with the shortest signal paths
- 192 kHz/24 bit DA converter compatible with DSD native play
- High-grade parts that prioritize sound quality
  (Gold-plated RCA terminals, Terminal for detachable AC cable)
- High-quality sound in-house-design network module

Wide Variety of Enjoyment

- Enjoy all your favourite modern music sources
  (Network Audio, USB stick, Streaming Services)
- Compatible with popular music streaming services, including Spotify®
  — and newly, Tidal and Deezer
- Wireless music streaming via *Bluetooth*® or AirPlay®

Easy to Use, Elegant Appearance

- MusicCast compatibility with MusicCast app
- Built-in Wi-Fi for easy networking
- 10 Preset buttons on remote unit
- Gapless playback compatibility
- Simple, yet sophisticated design

Yamaha Eco-Products

With an advanced energy saving design, this product achieves a low power consumption of not more than two watts when in Network Standby mode.
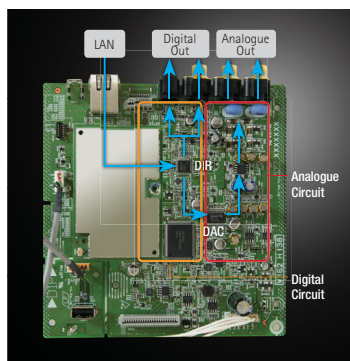
Yamaha Eco-Label
Yamaha Eco-Label is a mark that certifies products of high environmental performance.

Specifications

Network	LAN (DLNA ver. 1.5 (DMR), Wi-Fi
Supported Format	MP3, WMA, MPEG4 AAC 48 kHz / 320 kbps
	WAV, FLAC, AIFF 192 kHz / 24-bit, ALAC 96 kHz / 24-bit
	DSD 2.8/5.6 MHz
Bluetooth	(Version) 2.1 + EDR, (Profile) A2DP, AVRCP
	(Audio codec) SBC, AAC* * Receiving only.
Terminals	(Input) USB:1
	(Outputs) Analogue (RCA terminal) :1, Optical Digital:1,
	Coaxial Digital:1
Standby Power Consumption	0.1 W (ECO-Standby)
	1.6 W (Wired, Network standby on)
	1.5 W (WiFi, Network standby on)
	1.7 W (Wireless Direct, Network standby on)
	1.7 W (*Bluetooth*, Network standby on)
Dimensions (W x H x D)	435 x 87 x 289 mm; 17-1/8" x 3-3/8" x 11-3/8" (without antenna)
	435 x 148 x 289 mm; 17-1/8" x 5-7/8" x 11-3/8" (with antenna up)
Weight	2.7 kg (6.0 lbs)
Supplied Accessories	Owner's manual, Remote control, Batteries (x 2),
	Power cord, RCA audio cable

Black

Powered by music

High Sound Quality

High Sound Quality Circuitry Design

The NP-S303 adopts a circuitry design with an emphasis on sound quality, drawing on Yamaha's Hi-Fi principles, and has thoroughly reduced interference, by minimising the length of audio signal paths and designing the analogue and digital sections in separate blocks. Moreover, by equipping it with the same meticulously selected sound quality parts used in our high-end models, the unit delivers thoroughly low impedance and superior S/N performance — for wide-range and full enjoyment of all high-resolution sound sources.

Supports High-resolution Audio

The NP-S303 is compatible with high-resolution sound sources of DSD 5.6 MHz native and AIFF / WAV / FLAC 192 kHz / 24-bit, as well as Apple Lossless 96 kHz / 24-bit. It uses a Burr-Brown 192 kHz / 24-bit DAC to deliver superior S/N performance. Combined with Yamaha's original network module, the unit thoroughly draws out all the sonic merits of high-resolution sound sources, effectively reproducing even the subtle ambience of concert halls and delicate expressive nuances in the sound.

High-grade Parts that Prioritise Sound Quality

The RCA and coaxial output terminals of the NP-S303 is gold-plated in order to provide low electrical resistance and high resistance to sound quality degradation caused by corrosion. Moreover, by using a removable inlet type power cable, users can elect to replace it with high-grade power cables of their own to suit their personal preferences. In every detail, in every way, the unit employs high-grade parts above its class.
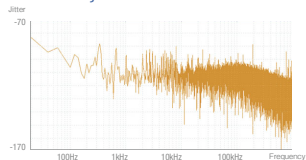
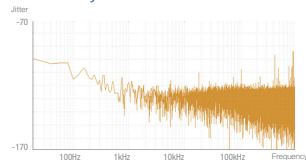### High-quality Sound In-house-design Network Module

The key device that determines the sound quality of network audio is the Yamaha Original Network Module, which contains a high precision low-jitter clock that improves the reproduction of high resolution sound sources. Pure audio clock generation without an added jitter constituent caused by the clock generator sharply lowers the creation of jitter noise in playing network and USB / *Bluetooth*® sources, and achieves further S/N improvement. It faithfully distinguishes delicate differences in the sonic characteristics of high resolution sound.

Audio clock jitter of conventional modules
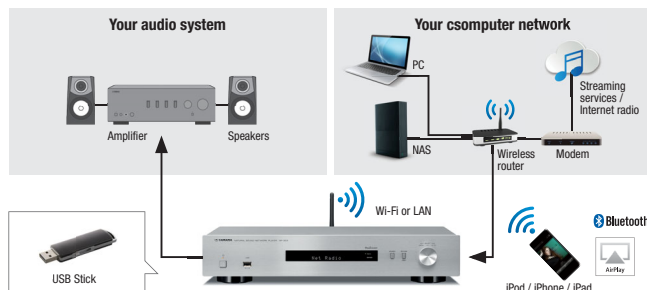
Audio clock jitter of the new module

Wide Variety of Enjoyment

Enjoy All Music Sources

With this single device, you can enjoy sound sources stored to computer or NAS (network-attached storage), play wireless music in smart phones or tablets using Bluetooth or AirPlay, as well as a variety of music from various streaming services, and internet radio.

Compatible with Popular Music Streaming Services, Including Spotify® — and Newly, Tidal and Deezer

The NP-S303 is compatible with a large variety of popular streaming services, including the widespread Spotify, the up-and-coming Tidal and Deezer services, as well as Napster, Qubuz, Juke and others — letting you enjoy all your favourite artists, and music content from all over the world.

Easy to Use
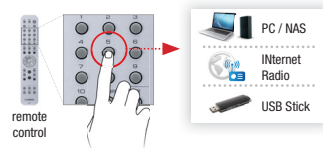
MusicCast CONTROLLER for Easy Operation

Control. It's all in the palm of your hands — with the free MusicCast CONTROLLER app. Simply tap and flick on the intuitively designed screen, and easily operate all of your MusicCast devices, as well as the NP-S303.

10 Preset Buttons

By registering the music sources you often listen to, you can instantly and easily access the songs or broadcasts you want to hear simply by pressing the appropriate Preset button on the remote control. Even if you're not using the smartphone app, you can still enjoy listening to music you want to hear when you wake up in the morning or return home.
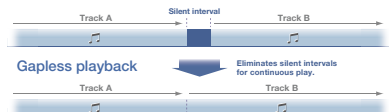
One press, easy access

remote control

PC / NAS
INternet Radio
USB Stick

Gapless Playback

Many live and classical albums have no gaps in the music. Gapless playback ensures that there are no pauses between audio files. This provides playback with no interruptions, the way it was meant to be heard.

* Compatible with WAV, FLAC, AIFF and ALAC file formats.

Non-gapless playback
Track A   Silent interval   Track B

Gapless playback   Eliminates silent intervals for continuous play.
Track A   Track B

NP-S303NPB

Technical Data   **2**