

All-in-one bookshelf HiFi monitor speaker featuring an amplifier equipped with network functionality. Enjoy the best in sound whether from smartphone, streaming services, PC, NAS or TV audio.

musicCast



Black



Made for
 iPod  iPhone  iPad



White



Light walnut

High Quality Sound

- Discrete configuration analog amplifier and bi-amp drive produce music with lively dynamism
- Balanced transmission and balanced connection to thoroughly eliminate sound quality degradation due to noise
- 3cm dome tweeter for high resolution playback and A-PMD 13cm woofer unit
- Rigid enclosure specially designed to suppress unwanted resonance
- High-grade USB DAC that supports DSD 5.6MHz native resolution and PCM 384kHz/32-bit for high-resolution reproduction
- Exceptionally high performance ESS 32-bit D/A converter

Multi Network Enjoyment

- Wireless music streaming via *Bluetooth* or *AirPlay*
- MusicCast expands entertainment possibilities
- Indicator displays the speaker's operating status and playback sound source
- Remote control that makes performing basic operations simple
- 192kHz/24-bit optical/coaxial digital inputs for connecting to a TV

Network Powered Speaker
NX-N500

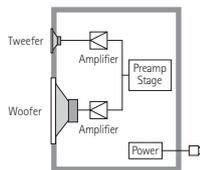
NEW PRODUCT BULLETIN

**Precision Plus Musicality.
 This Is the HiFi Tuning Concept.**

Inheriting all the precision of the classic NS-10M studio monitor, the NX-N500 is a modern monitor that boasts musical expressiveness exceeding its class. By repeatedly evaluating the tuning of the left and right speakers at 2 to 3m audition position intervals, it achieves stereophonic expression that liberates the true feeling of the music. Smooth and immediate vocals, a sense of the body of the melody instrument, a solid backbone to the sound and high density audio data. This is Yamaha's answer to the demand for powered speakers capable of handling hi-res sound.

Discrete Configuration Analog Amplifier and Bi-Amp Drive Produce Sound with a Spectacular Feeling of Freedom.

The power amplifier component, critical to powered speakers, utilizes a discrete configuration analog amplifier. It produces strong, expansive sound, all in a bi-amp system featuring a 45W woofer and 25W tweeter.

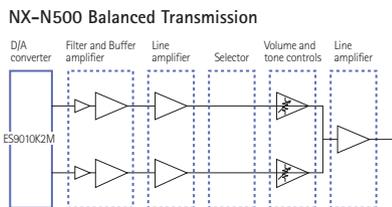


By directly driving each unit individually, it produces powerful sound while maintaining the feeling of high S/N ratio.



Balanced Transmission and Balanced Connection Thoroughly Eliminate Sound Quality Degradation Due to Noise.

In principle, balanced transmission cancels the external noise that becomes mixed with the signal during transmission. In the NX-N500, all digital audio input signals undergo balance conversion in the L-channel speaker before being transmitted to the R-channel speaker. XLR cable is used to establish balanced connection between speakers. This approach thoroughly eliminates noise.



3cm Dome Tweeter for High Resolution Reproduction and A-PMD 13cm Woofer Unit.

With a 2-way, 2-speaker configuration, the NX-N500 utilizes a 3cm dome tweeter capable of handling 40kHz high bandwidth playback in order to reproduce the rich amount of audio information unique to hi-res sound sources. And by incorporating a thick waveguide it achieves smooth and accurate high frequency reproduction. The woofer employs the same New Advanced PMD diaphragm used in the high-grade Soavo model. With deeply expressive power to its low frequencies and comfortably relaxed high frequencies that feel free of peaks, the NX-N500 triumphs over both highs and lows.



Rigid Enclosure Specially Designed to Suppress Unwanted Resonance.

The enclosure employs thick MDF with high rigidity to produce uniform acoustic characteristics, and features the total three-way mitered-joint construction traditionally used in Yamaha high-end speakers. Suppressing unwanted resonance and highly accurate, it helps ensure that you'll hear sound with an outstanding sense of resolution.



High-Grade USB DAC Supports DSD 5.6MHz Native Resolution and PCM 384kHz/32-bit for High Resolution Reproduction.

The NX-N500's high performance USB DAC is a full-spec PCM 384kHz/32-bit unit with support for DSD 5.6MHz native resolution. It is compatible with asynchronous transmission and can perform low-jitter transmission by using its own master clock, without being affected by the PC clock. It also makes use of an ASIO driver, it achieves lower latency and higher throughput and along with Windows PC compatibility, it's also compatible with MAC OS Integer Mode, allowing 32-bit playback even in MAC OS.



Exceptionally High Performance ESS 32-bit D/A Converter.

The D/A converter for the NX-N500 is the ES9010K2M from ESS Technology, Inc. not only its high precision processing of 32-bit audio, but also the ability to handle large amounts of audio data with full PCM 384kHz, DSD 5.6MHz native reproduction, strength in the low register, and high quality definition in the high register. Since the built-in D/A converter generates its own master clock, an original Jitter Elimination function is also included, permitting D/A conversion with extremely low impact of clock jitter.



Wireless Music Streaming via *Bluetooth* or AirPlay.

Enjoy music from your smartphone or tablet wirelessly using a *Bluetooth* connection. You can also use the convenient AirPlay function for wireless music streaming from an iPhone, iPod or iPad. Even with music from your smartphone, the NX-N500 delivers powerful, high-quality sound.



MusicCast

MusicCast Expands Entertainment Possibilities.

MusicCast employs a high performance wireless network to deliver music and audio enjoyment. It can stream digital music content from your smartphone, PC or NAS to other MusicCast devices in your home. It can also share the music from external devices such as a TV or CD player connected to the NX-N500. Audio content from *Bluetooth*-connected devices can also be streamed to MusicCast devices in multiple rooms.



Bluetooth Output for Convenient Music Streaming.

The NX-N500 is equipped with the latest *Bluetooth* technology, making wireless operation more convenient than ever. You can stream music from the NX-N500 to *Bluetooth* headphones for private listening or to *Bluetooth* speakers.



* *Bluetooth* streaming can only be used for one device at a time.

Streaming Services Offer a Huge Range of Listening Choices.

Support for the music streaming services (Spotify, Pandora) means you'll enjoy a wide variety of music content. Furthermore, support for the vTuner radio station database enables sampling of Internet radio broadcasts from around the world.

Indicator Displays the Speaker's Operating Status and Playback Sound Source.

The front of the speaker provides an LED display indicator color coded by operating status: orange for ECO Standby mode, green for network function, pink for AirPlay and sky blue for USB DAC, allowing easy, making it very easy to confirm the music source currently selected.



● Network input	● AUX input
● AirPlay	● Standby mode
● <i>Bluetooth</i>	● Network standby mode
● USB DAC	● The unit is in the error
● Optical digital input	

Other Notable Features

- Remote control allows easy performance of basic functions such as power on/off and audio source selection
- Optical/coaxial digital inputs compatible with 192kHz/24-bit



Main Specifications

Type	Bi-amp 2-way powered speaker
Dynamic Power	140W total power: 70W (LF:45 W [4 ohms] + HF:25 W [8 ohms]) x 2
Drivers	LF: 13 cm(5") cone, HF: 3 cm(1") dome
Crossover Frequency	2 kHz
Frequency Response	54 Hz - 40 kHz (-10dB)
Input Sensitivity / Impedance	-10 dBu/10k ohms
Input Terminals	(Network) Ethernet Port:1, Wi-Fi:1, Bluetooth:1 (Digital Inputs) USB (Type B):1, Optical:1 (Analog Input) AUX IN:1
Network	LAN (DLNA ver. 1.5 (DMR)), Wi-Fi
Supported Format	MP3, WMA, MPEG4 AAC 48 kHz / 24bit WAV, FLAC, AIFF 192 kHz / 24bit ALAC 96 kHz / 24 bit DSD 5.6 MHz
Bluetooth	(Version) 2.1 + EDR (Supported Profile) A2DP, AVRCP (Compatible Codec) Sink: SBC/AAC, Source: SBC
Standby Power Consumption	0.2W (L-channel only)
Dimensions (W x H x D)	170 x 285 x 222 mm
Weight	(Right speaker) 5.9 kg (Left speaker) 6.3 kg

• "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance. AirPlay™, iPad, iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. • The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance. The Wi-Fi Protected Setup Identifier Mark is a mark of the Wi-Fi Alliance. • DLNA™ and DLNA CERTIFIED™ are trademarks or registered trademarks of Digital Living Network Alliance. All rights reserved. Unauthorized use is strictly prohibited. • Spotify and Spotify logo are registered trademarks of the Spotify Group. • The Bluetooth™ word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.