

NS-800A

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SPEAKER



NS-800A

Speaker Units

Type	2-way bookshelf bass-reflex type
Woofer	16 cm (6-1/2") cone
Tweeter	3 cm (1-1/4") dome

Specifications

Frequency Response	40 Hz-65 kHz (-10 dB) -100 kHz (-30 dB)
Nominal Input Power	40 W
Maximum Input Power	120 W
Sensitivity	86.5 dB/2.83 V/1 m
Crossover Frequencies	2.6 kHz
Impedance	6 ohms (Minimum 4 ohms)

General

Dimensions (W x H x D)	231 x 420 x 358 mm; 9-1/8" x 16-1/2" x 14-1/8"
Weight	13.0 kg; 28.7 lbs./unit



LUXURIOUS WITH SPACIOUS SOUND

Fusing rich aesthetics with the latest advanced technology, Yamaha—famed also for its musical instruments—has created the NS-800A bookshelf speaker. Yamaha's unique Harmonious Diaphragm™ produces exceptionally unified tone, while the spacious large-capacity cabinet delivers a vast and luxuriant sound field. And it is all topped off with a beautiful grand piano-like finish that gives you an even more luxurious music listening experience.



STYLE FROM OUR PIANOS

The elegant appearance of Yamaha's NS-800A merges the style of the piano with the design philosophy of the speaker. Yamaha's signature gloss finish has been adopted on these speakers, using the same process as used on our grand pianos, a process reserved for a limited number of products in Yamaha's range. This elegant finish presents the speaker as a stylish piece of furniture, providing a gratifying feeling both when listening to music and even when not.



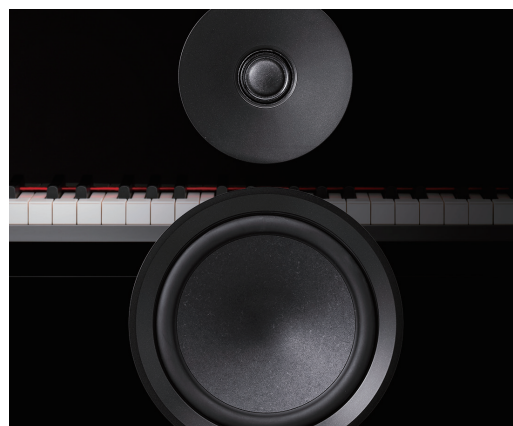
TRUE SOUND

This is sound that only Yamaha can realize as the only audio brand in the world that handles everything from the moment a sound is created to the time it reaches the human ear. Simply close your eyes and feel the artist performing right there in front of you, and experience the profound sensation of being truly 'Closer to the Artist.'

TONAL BALANCE

PERFECTLY UNIFIED TONE

Delivering the sounds of musical instruments as they are. As a world-renowned musical instrument brand, Yamaha is relentlessly committed to this mission. In order to make this quest a reality, we created flagship speakers under the design concept of having consistent tone color throughout the entire frequency spectrum and applied unique technology to achieve it. For each and every one of its speaker units, the NS-800A employs the newly developed Harmonious Diaphragm™—made from a blend of ZYLON®, which has excellent sound velocity and optimal internal dissipation, and spruce, which is actually used in the soundboard of Yamaha grand pianos and is essential for emanating sound. This ensures that the harmonies of the sound stand out and the music is richer and more beautiful.



DYNAMICS

TOTAL MUSIC REPRODUCTION

Yamaha's patented R.S. (Resonance Suppression) chambers are mounted on the back of the tweeter in order to faithfully express even the finest nuances of musical instruments and voices. Two specially shaped tubes cancel unwanted resonance generated behind the diaphragm, revitalizing the original sound and maintaining the minute musical nuances.



FAITHFUL MUSICAL PRESENCE

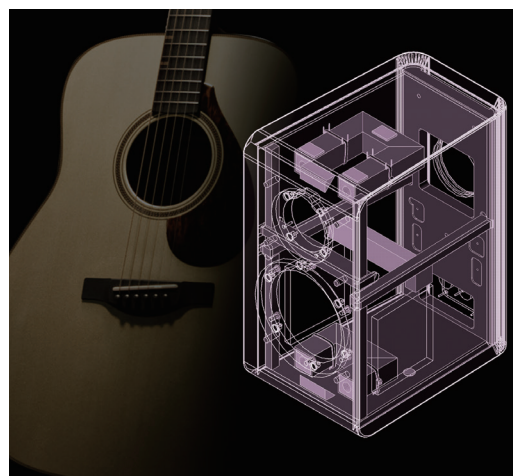
Conventional speakers use a large amount of sound-absorbing material to eliminate standing waves inside the cabinet, but also removes much of the inherent freshness of the music. In the NS-800A, we've employed our patented Absorber tube to eliminate standing waves, and yet minimize the amount of absorbing material, so that the original realism of music is reproduced with full energy and dynamism.



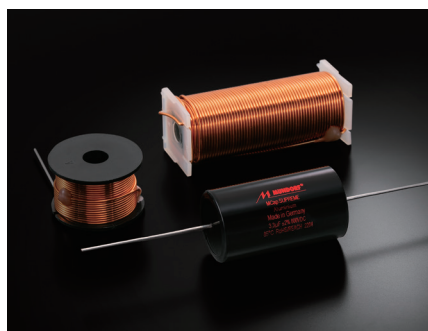
SOUND IMAGE

HIGHLY MUSICAL VIBRATION CONTROL

The basis for producing excellent sound—determining what makes the enclosure sound and where to suppress vibration—is virtually identical whether making musical instruments or making speakers. The cabinet construction of the NS-800A incorporates state-of-the-art speaker design technology that makes full use of laser vibrometers, used in musical instrument research and development, and sophisticated FEM (Finite Element Method) analysis. The cross piece of the cabinet has been optimally reinforced, realizing an overwhelming spatial expression that makes you feel as if you were right there experiencing the full atmosphere of the performance.



OTHER FEATURES



SEAMLESS SONIC PERFORMANCE

Representative of the flagship series, the NS-800A adopts the highest quality parts for the crossover circuit. The MCap® SUPREME Classic audio capacitor made by Mundorf of Germany, renowned as the pinnacle in audio-use capacitor, is used along with a huge woofer coil.



TWISTED FLARE PORT

The speaker is equipped with Yamaha's original Twisted Flare Port, which alters the way air spreads toward the end of the port, adding a gentle twist to reduce air flow noise around the port, a common problem in conventional bass reflex speakers, and delivers exceptionally accurate response with clear, tight bass reproduction.



HIGH-QUALITY FEEL

The speaker terminals feature an original design, with a shape that comfortably fits with human fingers for a luxurious feel, while simultaneously allowing for effortless tightening.



SPEAKER STAND (optionally available)

SPS-800A

Engineered to exclusively match with the NS-800A.