



Subwoofer
NS-SW300



Sound, Design, Operation. All Beautiful.

With a gentle curve in the front, accented by the harmonious combination of different materials, the unit has a beautiful appearance. But the beauty of this subwoofer goes beyond that. It offers clear bass sound produced by the Twisted Flare Port, a new Yamaha technology.

Superior utility permits operation using the front buttons, which are laid out diagonally for superior ease of use. Introducing Yamaha's completely and beautifully evolved new subwoofer.

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YAMAHA

Subwoofer

NS-SW300

A design combining superior operability and beauty. And introducing a new technology, Twisted Flare Port, for clear and tight bass.

A subwoofer that will match a wide range of speakers and interiors.



NS-SW300 <Piano black>



NS-SW200 <Piano black>

Excellent Sound Quality

- PWM digital drive high efficiency amplifier and dual feedback circuit
- New Twisted Flare Port contributes to clear and tight bass
- Advanced YST II (Yamaha Active Servo Technology II)
- NS-SW300: 25 cm (10") cone woofer with square wire voice coil
- NS-SW200: 20 cm (8") cone woofer

Main Specifications

	NS-SW300	NS-SW200
Output Power	250 W	130 W
Frequency Response	20-160 Hz	28-200 Hz
Driver	25 cm (10") cone	20 cm (8") cone
Standby Power Consumption	0.3 W	0.3 W
Dimensions (W x H x D)	350 x 366 x 420 mm, 13-3/4" x 14-3/8" x 16-1/2"	290 x 306 x 351 mm, 11-3/8" x 12" x 13-7/8"
Weight	18 kg; 39.7 lbs.	11.2 kg; 24.7 lbs.

Elegant, Convenient Design

- Beautiful design will match a wide range of speakers and interiors
- Front control panel for easy control
- System control and Auto standby



Piano black



Piano white



Black



Rosewood

Colours vary depending on region.

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Technical Data 1

Subwoofer NS-SW300

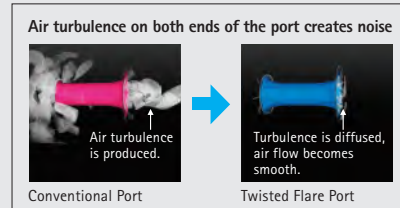


New Twisted Flare Port Produces Clear and Tight Bass



The all-new Twisted Flare Port takes advantage of extensive subwoofer development experience. The flared, gently twisting shape diffuses the vortex of air generated around the edge of the port, creating a smooth flow of air. This reduces extraneous noise not present in the original input signal and provides clear, accurate low frequency

reproduction. From special effect sounds in movies to the atmosphere of a live venue, you hear bass that is clear, tight and realistic.

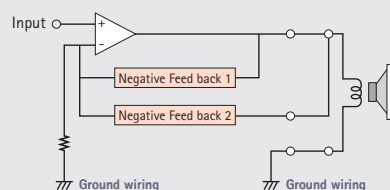


Excellent Sound Quality

PWM Digital Drive High Efficiency Amplifier and Dual Feedback Circuit

The built-in power amplifier delivers stable power output of 250 W (NS-SW200: 130 W) with high efficiency while minimizing power consumption and heat production. It does not require an output filter coil, resulting in extremely low noise and distortion. High speed transient response is also excellent. The dual feedback circuit reduces distortion by applying feedback twice, resulting in higher sound clarity.

Dual Feedback Circuit



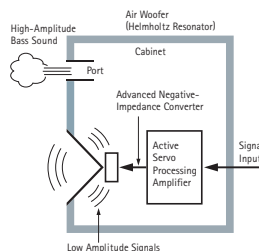
Advanced YST II for Awesome Deep Bass



Developed by Yamaha, the Advanced YST II (Yamaha Active Servo Technology II) combines negative-impedance and constant-current principles to drive the speaker cone with even tighter control than the previous version. Using Advanced Negative Impedance Converter (ANIC) circuits, this system dynamically optimizes effective speaker impedance to maintain

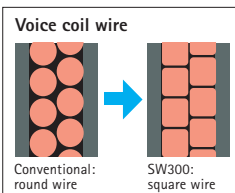
excellent linearity.

This means more stable and accurate low range response, not to mention higher sound quality.



25 cm (10") Cone Woofer Unit with Square Wire (NS-SW300)

A 25 cm (10") large woofer unit (NS-SW200: 20 cm [8"]) is used in a front-firing configuration. The voice coil of the driver unit employs square wire with a wide surface area that can be wound more densely to obtain higher magnetic flux density. It delivers high drive force, permitting tight and deep bass reproduction.



Elegant, Convenient Design

Beautiful Design that Will Match a Wide Range of Speakers and Interiors

In addition to the beautifully round shape of the front surface, panels on both sides to create an accent, and a neat appearance, this subwoofer lets you imagine the strength of sound and matches a wide range of speaker systems. Numerous color variations are provided, so you can select one matched to your interior.

Front Control Panel for Easy Operation

The power and volume buttons, which are used most often, are laid out on the front surface of the unit for ease of access. It is inclined at an angle of 45°, making it easy to use even when placed on the floor. An LED indicator is above the power button, so even in a dimly lit room it's easy to tell if it's on or off.

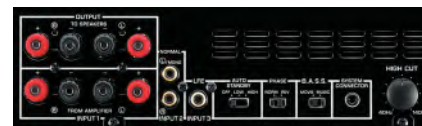


System Control and Auto Standby

The system control terminal can be linked to the amplifier power to automatically turn the power on and off. There is also an Auto Standby Function: If no signal is input from the amplifier for a fixed period, it automatically switches to the standby state, and when a signal from the amplifier is detected, power turns on automatically. This limits the wasteful consumption of electricity.

Other Notable Features

- Low standby power consumption of 0.3W
- Auto Standby switch / Sensitivity selector (high, low and off)
- Phase control (normal or reverse)
- B.A.S.S. switch (SW300 only)



* Photo shows NS-SW300 rear panel.