

Please use the images, video, etc. provided in the 'Assets Download' file to generate your local site content. The layout below is provided for marketing copy, context and visual reference.

Tuesday, November 12, 2013

*Do not publish this page until the release date (go live date) listed above.

NS-SW300

MSRP: \$549.95



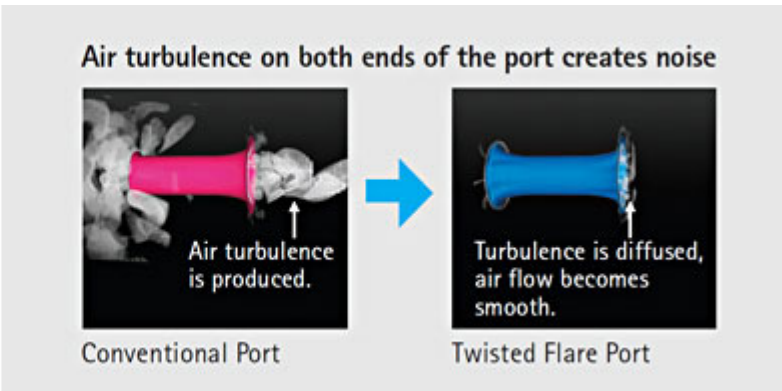
Introducing Yamaha's completely and beautifully evolved new subwoofer. With a gentle curve in the front and piano black finish the unit has a beautiful appearance. But the beauty of this subwoofer goes beyond that. It offers clear bass sound produced by the Twisted Flare Port, a new Yamaha technology. Superior convenience allows easy operation using the front buttons, which are laid out diagonally.

- 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)
- 10" woofer with square wire voice coil
- Beautiful design will match a wide range of speakers and interiors
- Front control panel for easy control
- System control and Auto Power Standby

Features

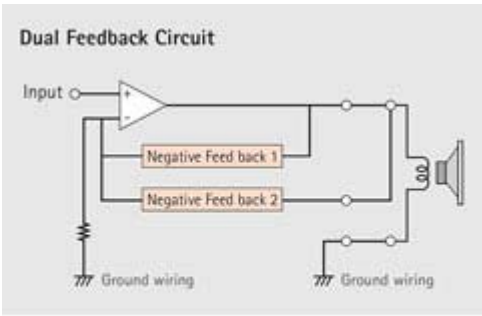
New Twisted Flare Port Produces Clear and Tight Bass

The all-new Twisted Flare Port takes advantage of extensive subwoofer development experience. Compared to a conventional port, the Twisted Flare Port reduces air turbulence noise, contributing to clear and accurate low frequency reproduction. The flared and gently twisted shape evenly diffuses the air flow through the port. From special effect sounds in movies to the atmosphere of a live venue, you hear bass that is clear, tight and realistic.



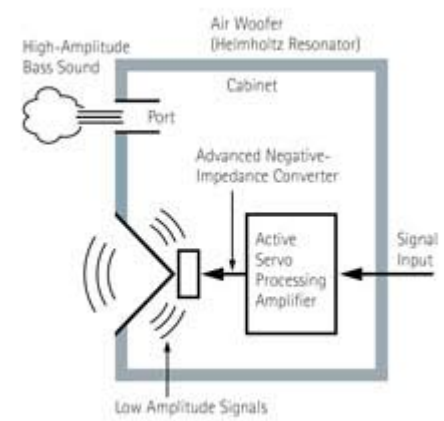
PWM Digital Drive High Efficiency Amplifier and Dual Feedback Circuit

The built-in power amplifier delivers stable power output of 250 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.



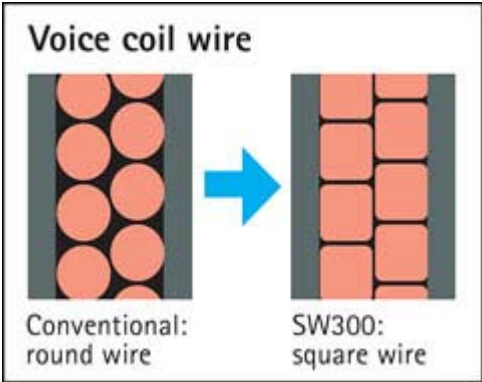
Advanced YST II for Awesome Deep Bass

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.



10" Cone Woofer Unit with Square Wire

A 10" large woofer unit 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.



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.

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 Power 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 Power 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 0.3 W
- Auto Power Standby switch / Sensitivity selector (high, low and off)
- Phase control (normal or reverse)
- B.A.S.S. (Bass Action Selector System) switch

Specs

Subwoofer

Driver	10" cone
Output Power	250 W
Frequency Response	20-160 Hz
Advanced YST	Yes
High-Efficiency Power Amplifier	Yes
Twisted Flare Port	Yes
BASS (Bass Action Selector System)	Yes
Auto Standby	Yes
Standby Power Consumption	0.3 W
System Connector	Yes

Dimensions (W x H x D)	13-3/4" x 14-3/8" x 16-1/2"
Weight	39.7 lbs.

Technology

TWISTED FLARE PORT



Compared to a conventional port, the Twisted Flare Port reduces air turbulence noise, contributing to clear and accurate low frequency reproduction. The flared and gently twisted shape evenly diffuses the air flow through the port.

Advanced YST



Advanced Yamaha Active Servo Technology (Advanced YST) is a unique system in which the speaker and amplifier work together to cancel out impedance so the speaker unit has a perfectly linear motion. Advanced YST helps to ensure the highest levels of sound pressure and overall performance.