

Powerful 270W Subwoofer with Advanced Technology for Top-Class Sound Quality. Ideal Match for 515 PMD Series Speakers.



QD-Bass
TECHNOLOGY

Advanced
Y.S.T

- QD-Bass (Quatre Dispersion Bass) Technology
- Advanced YST II (Yamaha Active Servo Technology II)
- PWM Digital Drive High Efficiency Amplifier
- Linear Port for Minimizing Extraneous Noise
- High 270W Dynamic Power
- BASS (Bass Action Selector System)
- 25cm (10") Multi-Range Driver with Magnetic Shielding
- 20–160Hz Low Frequency Reproduction
- Auto Standby with Sensitivity Selector (HIGH, LOW and OFF)
- Low (0.5W) Standby Power Consumption

Main Specifications

Dynamic Power	270 W
Output Power	(5 ohms, 100Hz, 10% THD) 250 W
Frequency Response	20–160 Hz
High Cut Filter	(Continuously Variable) 40–140 Hz
Driver	25cm (10") multi-range
Standby Power Consumption	0.5 W
Dimensions (W x H x D)	350 x 430 x 382 mm
	13-3/4" x 16-15/16" x 15-1/16"
Weight	19 kg; 41.9 lbs.

QD-Bass Technology Allows Free Placement



QD-Bass (Quatre Dispersion Bass)

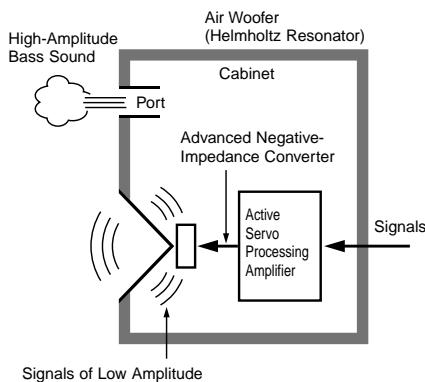
technology uses down-firing drivers with square, pyramid-shaped reflective plates to radiate the sound efficiently in four horizontal directions. The reflective plates (not used in competitors' down-firing subwoofers) negate any effects caused by the floor surface and reduce resonance between sound waves reflected from the floor and the unit. Also, most other systems use circular cones, but by radiating in four directions to avoid the legs of the cabinet, QD-Bass reduces turbulence caused by reflection from the legs. Changing the height of the square pyramid varies the acoustic load, permitting relatively simple high-cut adjustment and improved bandpass properties.

The QD-Bass system provides extraordinary power and smooth frequency response from an extremely compact unit. It also allows greater freedom of placement, since the sound radiates with equal effectiveness in all directions.



Advanced YST II for Awesome Deep Bass

Yamaha's newly developed 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 previously. 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 pressure levels, for more natural and energetic bass reproduction.

PWM Digital Drive High Efficiency Amplifier

The YST-SW515 delivers high power outputs at deep bass levels, with excellent stability and low power consumption, even with their compact cabinets. This is made possible by a highly efficient power amplifier.

The power amplifier achieves

superior conversion efficiency by supplying maximum power (minimizing power loss) from the power transistors according to the output level. It delivers stable power output 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.

New Linear Port

The Linear Port provides smooth bass response during playback and minimizing extraneous noise.

BASS

The BASS (Bass Action Selector System) function lets you switch between Movie and Music modes, providing the optimum frequency response in each case.

Environmentally Friendly

Internal parts and circuit boards do not contain lead, which is often used in other subwoofer brands, and is harmful to the environment. Both models also have a low-power standby mode, in which power consumption is only 0.5W.

Other Notable Features

- 25cm (10") Multi-Range Driver with Magnetic Shielding
- 20-160Hz Low Frequency Reproduction
- Auto Standby with Sensitivity Selector (HIGH, LOW and OFF)

NS-515F

3-Way Bass-Reflex Speaker System

NS-M515

2-Way Bass-Reflex Speaker System

NS-C515

2-Way Dual-Woofer Bass-Reflex Center Channel Speaker System

YST-SW-515

Advanced YST II and QD-Bass Subwoofer

The YST-SW515 is designed to acoustically match the speakers in the 515 PMD Series, and is recommended to be sold together with them.



• Product designs and specifications are subject to change without notice.