

Powerful
Subwoofer
with Advanced
Technology
for Top-Class
Sound Quality.
Ideal Match
for 225 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
- 150 W Dynamic Power
- BASS (Bass Action Selector System)
- 20cm (8") Multi-Range Driver with Magnetic Shielding
- 28–200Hz Low Frequency Reproduction
- Auto Standby with Sensitivity Selector (HIGH, LOW and OFF)
- Low (0.5W) Standby Power Consumption

Main Specifications

Dynamic Power	150 W
Output Power	(5 ohms, 100Hz, 10% THD) 120 W
Frequency Response	28–200 Hz
High Cut Filter	(Continuously Variable) 40–140 Hz
Driver	20cm (8") multi-range
Standby Power Consumption	0.5 W
Dimensions (W x H x D)	290 x 350 x 349 mm 11-7/16" x 13-3/4" x 13-3/4"
Weight	11.5 kg; 25.3 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.

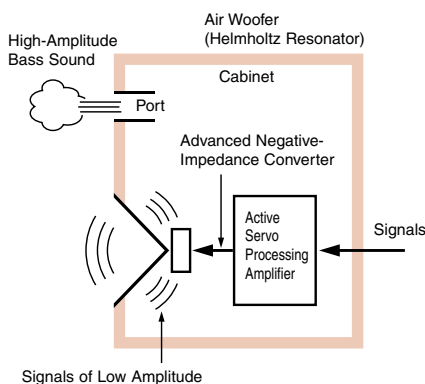
The QD-Bass system provides extraordinary power and smooth frequency response from an extremely compact unit. It also allows greater freedom of placement, since the sound radiates with equal effectiveness in all directions.



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.

New Linear Port

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

PWM Digital Drive High Efficiency Amplifier

The YST-SW225 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.

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

- 20cm (8") Multi-Range Driver with Magnetic Shielding
- 28-200Hz Low Frequency Reproduction
- Auto Standby with Sensitivity Selector (HIGH, LOW and OFF)

NS-225F
2-Way Acoustic Suspension Tower Speaker System

NS-M225
2-Way Acoustic Suspension Speaker System

NS-C225
2-Way Acoustic Suspension Center Speaker System

The YST-SW225 is designed to acoustically match the speakers in the 225 Series, and is recommended to be sold together with them.



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