



1,400 W MAX.

Champion series
30 cm (12") Champion Series Subwoofers

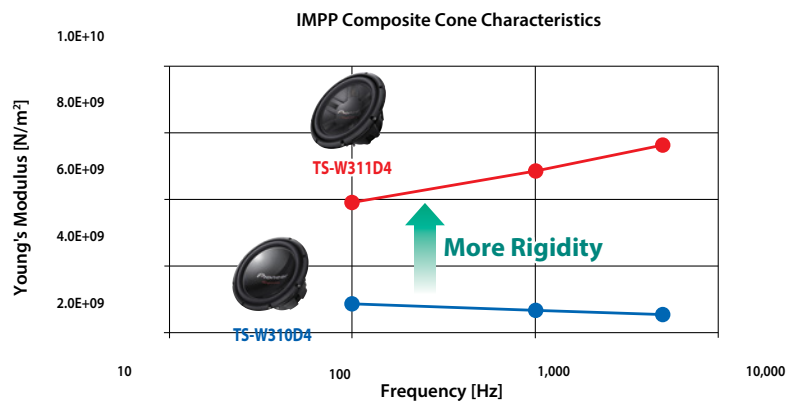


Key Selling Point

- Extreme performance derives from Pioneer's Championship-winning SPL subwoofers.
- The versatile subwoofer lineup provides for various types of installation.

Main Specifications

Max. Music Power	1400 W
Nominal Music Power	400 W
Frequency Response	20 Hz to 125 Hz
Sensitivity	95dB
Impedance	4Ωx2
Size	30 cm



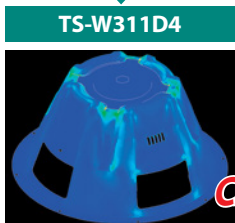
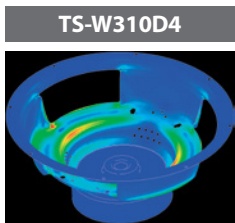
Subwoofer Technology

Air Vent

The movement of air within the subwoofer is smoothly channeled for optimal ventilation to ensure a quick response and clear reproduction of bass.

Fully Enclosed Basket

Magnetic circuit is tightly fixed to the basket to suppress undesirable sound-distorting recoil to the cone, realize clear and punchy bass sound.



4-Layer Copper Voice Coil with Aluminum Former

Aluminum former improves heat dissipation.

IMPP Composite Cone

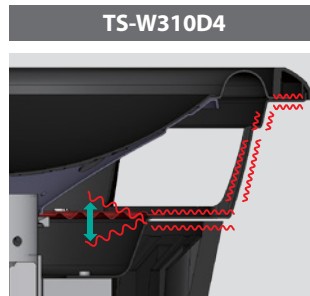
An extremely rigid yet lightweight cone is vital to prevent cone failure at high sound pressure levels. Pioneer's IMPP Composite Cones meet this need perfectly. CAE (computer-aided engineering) has been applied to create a surface spoke design that ensures high durability and rigidity of the cone.

Dual-Layer Elastic Polymer Surround

- Features the world's first technology of its kind.
- Dramatically improves durability and lightness, for superior response, especially for louder volume.

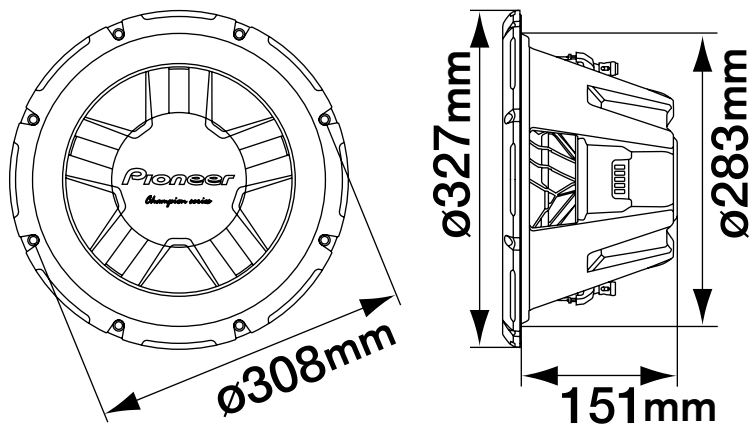
Independent Spider Holder

The TS-W311D4 has a feature inherited from Pioneer's competition-dominating SPL subwoofer—an independent spider holder that is separate from the basket. By preventing propagation of spider vibration through the basket to the cone, this structure improves high transient and linearity of excursion, enhances clarity of sound reproduction.



High Linearity!

Dimension



For more information please visit
www.pioneer-mea.com

Year of Release: 2016

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