

6"x9" Champion Series 3-Way Speaker 550 W MAX.

Champion series



Key Selling Point

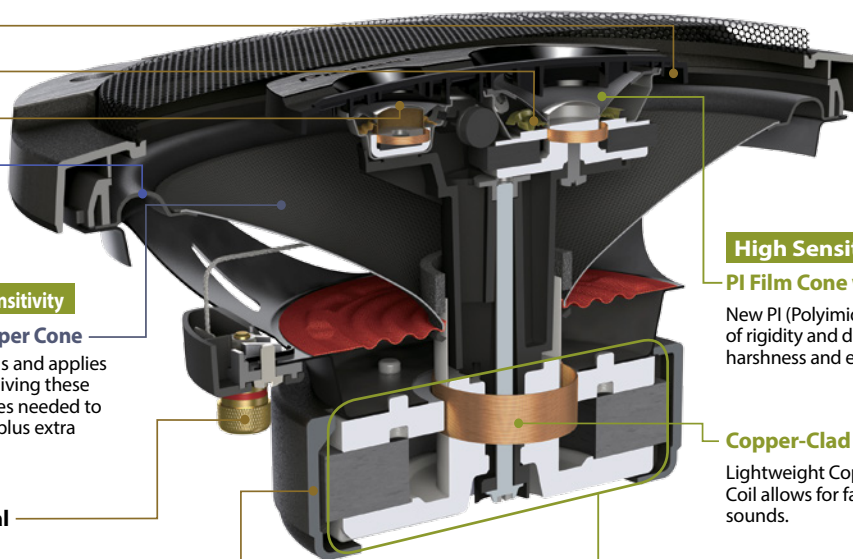
- Inherits technology from Champion series subwoofer for powerful, punchy sound.
- PEEK film cone creates vivid, crisp sound.
- Basket design for wider installation coverage, without compromising high power input capability. Although the TS-1675 V2 is designated as a 16 cm installation size speaker, its cone is actually 17 cm in size, for more powerful sound.

Speaker Technology

Polycarbonate Sub-Grille

PI Film Spider

Film Cone Tweeter



High Sensitivity

PI Film Cone with Urethane Surround

New PI (Polyimide) cone has great characteristics of rigidity and durability that help to reduce harshness and enhance clarity of sound.

Copper-Clad Aluminum Wire Voice Coil

Lightweight Copper-Clad Aluminum Wire Voice Coil allows for faithful reproduction of louder sounds.

Large Magnetic Circuit for High-Power Drive

Deep and Rigid Bass High Sensitivity

Rigid, Light Non-Pressed Paper Cone

Pioneer carefully selects materials and applies a non-pressed paper process—giving these new cones the light, rigid qualities needed to create punchy, powerful sound, plus extra durability to go to the limit.

Gold-Plated Screw Terminal

* Not screw-type terminal

Rubber Magnet Cover*

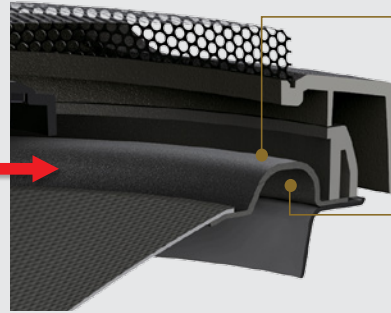
*Magnet cover is removable.

Deep and Rigid Bass

Dual Layer Urethane Surround

Improves cone stiffness. Greatly reduces unnecessary resonance that can compromise sound quality.

Champion Series Speaker Cross Section Detail



Upper Urethane Surround

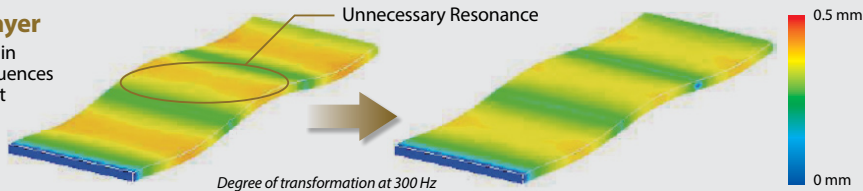
Suppresses unwanted peaks and dips in the high-frequency range.

Lower Urethane Surround

Reinforces strength and durability.

Conventional Single Layer

Wave-like cone vibration results in unnecessary resonance that influences tonal quality, so this cone cannot reproduce original sound linearly.



New Dual Layer

Minimizes unnecessary cone resonance for higher cone durability and clearer sound.

Larger-Than-Normal Cone for 16 cm Cutout

The TS-1675 V2 can be installed in a 16 cm- or 17 cm-diameter cutout hole. Superior bass response comes from a cone diameter larger than that of a conventional 16 cm speaker. Shallow basket depth enhances versatility of installation.

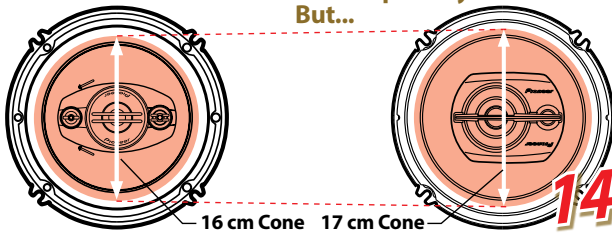
TS-A1683S

TS-1675 V2

Cut-Out Hole : 128 mm

Cut-Out Hole : 128 mm

Same installation capability
But...



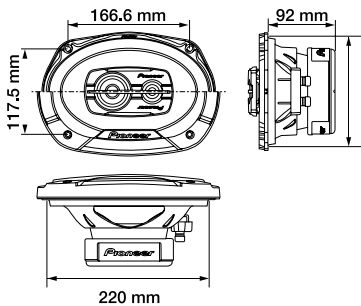
16 cm Cone 17 cm Cone

1.4% Bigger Cone Size

Main Specifications

Max music power output	Nominal music power output	Frequency Response	Sensitivity	Impedance	Size
550 W	80 W	28 Hz to 27 KHz	92 dB	4Ω	6"x 9"

Dimension



For more information please visit

www.pioneer-mea.com

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