

13 cm Component speaker package

180 W MAX.

OPEN & SMOOTH™

Twaron®

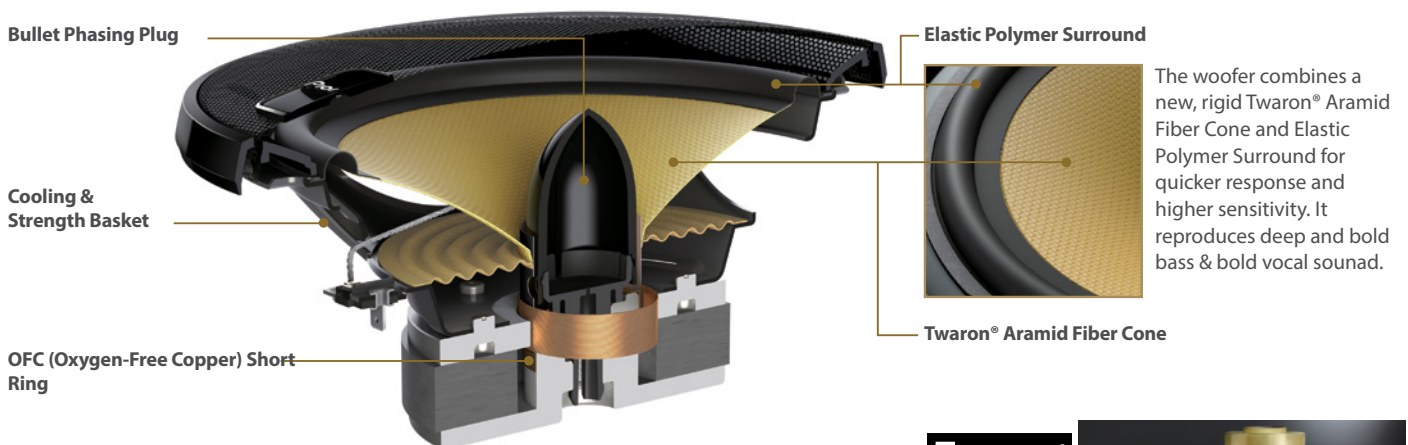
The power of Aramid



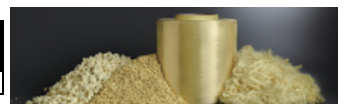
Key Selling Point

- Twaron\*\* Aramid fiber cone reproduces deep and bold bass & bold vocal sound and also expresses even the most subtle nuances.
- Open & Smooth™ sound concept delivers open staging & smooth transition of driver response to provide the ultimate in-car sound.
- Included brackets\*\* provide for installation flexibility and wide coverage.

Speaker Technology



Twaron®  
The power of Aramid



**Open\***  
Open staging and sound characteristics enhance the widening effect that extends way beyond the space between speakers.

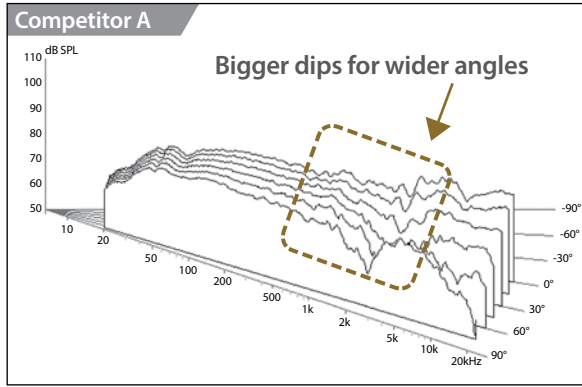
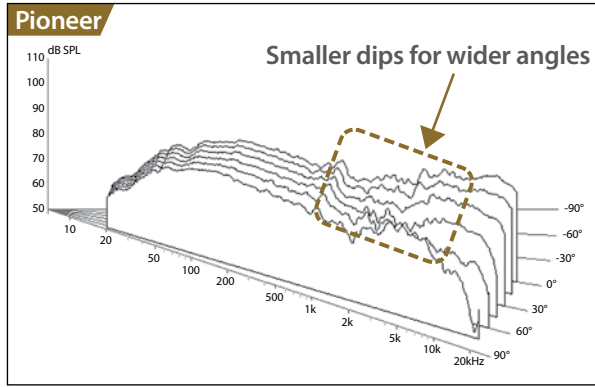
**Smooth\***  
With smooth transitions between mid-bass and tweeter frequency characteristics, sound from these speakers is not marred by crossover frequency dips.

The new cone on the woofer of the Pioneer TS-D component offers a variety of improvements for optimal performance and phenomenal sound. The aramid fiber cone is constructed from Twaron® woven cloth that is hardened and shaped to produce a rigid and durable cone. The woofer offers stiffer dampening for quicker response. The woofer section of the TS-D component produces deep and bold bass & bold vocal sound.

\* Twaron® is a registered trade mark of Teijin Aramid BV.

With the "Open & Smooth" sound of Pioneer D-Series Speakers out on the open road, the journey to more dramatic in-car audio sensations moves every passenger in its natural, dynamic flow.

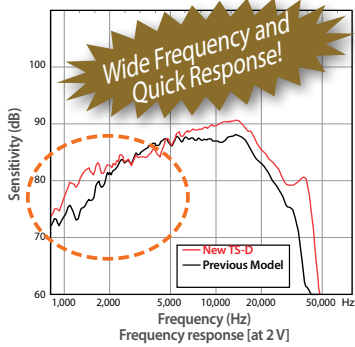
# A Superior Characteristic of D-Series: Smaller Dips for Wider Angles



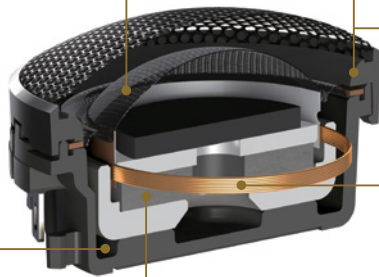
Unlike competitors' speakers, Pioneer D-Series speakers produce more natural sound without big gaps in the high-to-midrange frequency range for various angles.

## Tweeter

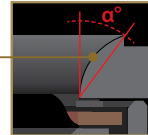
### Rear Chamber



### Light Weight Soft Dome Diaphragm

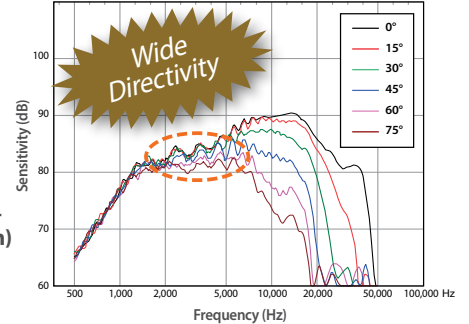


### Optimized Flange Shape



### CCAW (Copper-Clad Aluminum) Voice Coil

### Neodymium Magnet



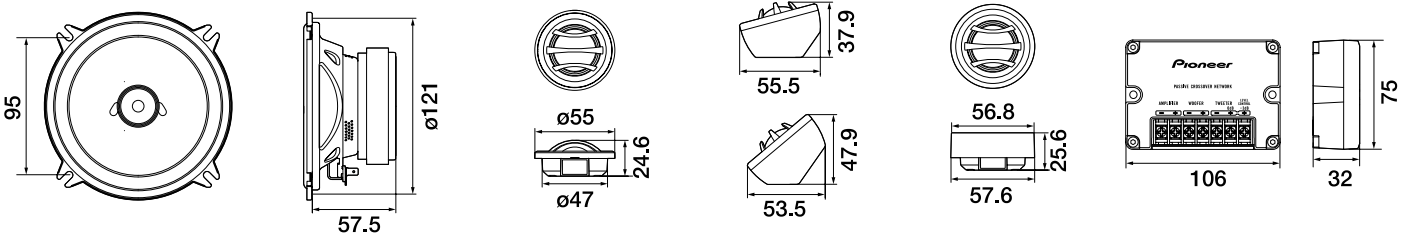
The flange is optimally shaped for wider directivity and reproduces steady sound.

The new D-Series components are capable of wider frequency sound and quicker response in playback than any models that preceded them.

## Main Specifications

Max input	Nominal Input	Frequency Response	Sensitivity	Impedance	Size
180 W	35 W	35 Hz to 33 KHz	88dB	4Ω	13 cm

## Dimension



For more information please visit  
[www.pioneer-mea.com](http://www.pioneer-mea.com)

Year of Release: 2016

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DS - 2016/TS-D1320C