

Pioneer

TS-A6960F 6" x 9" 4-Way Coaxial Speaker System

A-series sound design

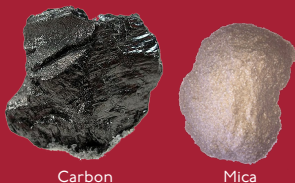
- Powerful and well controlled bass
- High sensitivity and wide dynamic range
- Natural and clear vocals

A
series / series



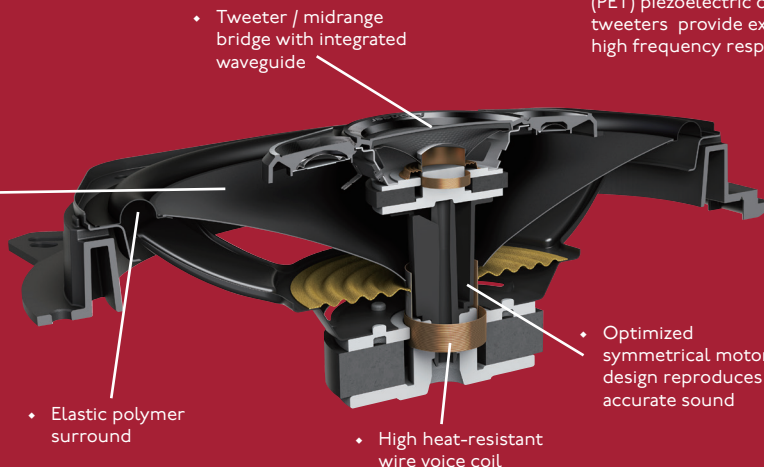
- Twin polyethylene terephthalate (PET) hard dome tweeters
 - 11mm tweeter
 - 18mm tweeter
- 2-1/4" cellulose fiber cone midrange
- 6" x 9" carbon and mica reinforced Injection Molded Polypropylene (IMPP) cone construction
- Included multi-fit installation adapter to optimize fitment in applicable original equipment (OE) speaker locations

FEATURES AND TECHNOLOGY



Carbon Mica
IMPP™
INJECTION MOLDED CONE

- Carbon and mica reinforced IMPP cone provides fast response and solid bass



- Tweeter / midrange bridge with integrated waveguide

- Twin lightweight polyethylene terephthalate (PET) piezoelectric crystal tweeters provide extended high frequency response



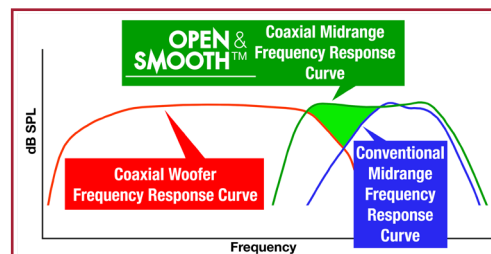
- Cellulose fiber midrange cone produces clear and natural sound with excellent frequency response characteristics

EASILY UPGRADE TO HIGH PERFORMANCE

OPEN & SMOOTH™

Upgrade Your Sound

- OPEN & SMOOTH™ delivers smooth frequency response and an expansive soundstage
- Clear high frequencies
- Deep, rich bass
- Low distortion, even at high output



Pioneer's OPEN & SMOOTH sound concept provides a seamless and smooth transition between the woofer and midrange / tweeter drivers and delivers uniform off-axis frequency response optimized for automotive applications where one or more speakers are often aimed away from the listeners' ears.

Easy Installation

- Included 6" x 9" multi-fit installation adapters expand installation flexibility and improve acoustic performance



Included multi-fit installation adapters



CarSoundFit

For a virtual listening demonstration of these and many other Pioneer car speakers, download the free Pioneer CarSoundFit app.



Compatibility Examples¹

MAKE	MODEL
CHEVROLET	SILVERADO / TAHOE
Dodge	RAM1500
FORD	F-150
Jeep	CHEROKEE
TOYOTA	CAMRY / TACOMA

● Pioneer Installation Fit Guide

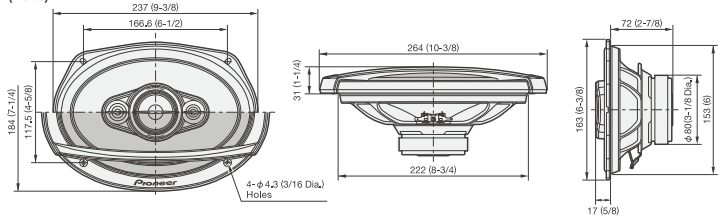
For more information about speaker and adapter compatibility, scan this QR code or visit:

<http://www.pioneer-carglobal.com/speakerfitting>



Dimensions

mm (inches)



Pioneer A-series 6" x 9" Coaxial Speaker Systems	TS-A6960F	TS-A6970F (also available)	TS-A6990F (also available)
System Type	4-way Coaxial	5-way Coaxial	5-way Coaxial
Sound Pressure Level (Sensitivity)	89dB (± 1.5dB)	89dB (± 1.5dB)	90dB (± 1.5dB)
Frequency Range	35 Hz to 24 kHz	34 Hz to 25 kHz	22 Hz to 25 kHz
Continuous Power Handling (RMS)	90 Watts	100 Watts	120 Watts
Maximum Peak Power Handling	450 Watts	600 Watts	700 Watts
Nominal Impedance	4Ω	4Ω	4Ω
Woofer Cone Diameter	6" x 9"	6" x 9"	6" x 9"
Woofer Cone Material	Carbon and mica reinforced IMPP	Carbon and mica reinforced IMPP	Carbon and mica reinforced IMPP
Surround Material	Elastic polymer	Elastic polymer	Elastic polymer
Woofer Magnet Material	Ferrite	Ferrite	Ferrite
Woofer Magnet Weight	11.3 oz	12.7 oz	15.2 oz
Mounting Depth	2-7/8"	2-7/8"	3-3/8" (Deep basket)
Tweeter / Midrange Type	11mm PET dome tweeter 18mm PET dome tweeter 2-1/4" cellulose fiber cone midrange	9mm PET dome super tweeter 11mm PET dome tweeter 18mm PET dome tweeter 2-1/4" PEI film cone midrange	9mm PET dome super tweeter 11mm PET dome tweeter 18mm PET dome tweeter 2-1/4" PEI film cone midrange
Woofer / Midrange Crossover Frequency	3,600 Hz	4,300 Hz	3,600 Hz
Multi-fit Installation Adapters	Included	Included	N/A

Pioneer A-series full-range speakers available in additional sizes and applications:

TS-A6970F, TS-A6990F (6" x 9") • TS-A6880F (6" x 8") • TS-A1670F, TS-A1680F (6-1/2") • TS-A1370F (5-1/4") • TS-A4670F (4" x 6")

⚠ WARNING: Over time, your hearing "comfort level" adapts to higher volumes of sound, so that what sounds "normal" can actually be doing harm. To protect against hearing loss, set your equipment's volume at a low setting, slowly increase it until you can hear it comfortably and clearly, and leave it there. Do not turn up the volume so high that you can't hear what's around you.

¹Information provided for reference only and does not imply guaranteed compatibility with each model year of the vehicles shown. Consult your Authorized Pioneer Dealer to confirm vehicle compatibility.

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