

Car coaxial speaker

- 6 x 9"
- 3-way
- 300W Peak

CSP6911/00

Your mobile music theater

with 3-way stereo for vivid sound

Feel your music with the Philips Car stereo speakers CSP6911. These 16x24cm 3-way speakers have peak power at 300W, and feature an oval polypropylene cone with a soft PEI dome tweeter so you can enjoy vivid music details and deep bass.

Benefits

Vivid sound on the road

- 50W RMS power handling
- Oval polypropylene cone enriched, deep bass boost
- Soft PEI dome tweeter for warm and textured tones
- Strong ferrite magnet for high power performance
- Butyl rubber surround for maximum smooth response

High durability, sustainable performance

- Endurance and performance stability in extreme conditions
- Stylish speaker grille protects against damages
- Sturdy polypropylene cone for all-weather performance

Easy to use and install

- Fits perfectly in all 16x24cm speaker openings
- Simple wires plug-in for designated speaker terminals

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Features

Oval polypropylene cone



Soft PEI dome tweeter



PEI (Polyetherimide) is ideal material for tweeter domes due to its light weight, high tensile strength, high stability and tolerance for high temperatures. Inside the tweeter, the small diaphragm (the dome opening) produces high frequency tones. These PEI domes can capture even the highest musical notes to make your music textured with warm, full-range treble. The dome shape also spreads the sound around so that you can hear the high notes from every seat in the car.

Strong ferrite magnet



Ferrite is a lightweight but strong material with a permanent and coherent magnetic field. It is the key speaker component that induces the movement of the voice coil and the diaphragm. When an input signal is received, the voice coil acts as an electromagnet that causes the woofer and tweeter diaphragm to either attract or repel. The ferrite magnet produces an even magnetic field for smooth diaphragm movement, ensuring sound output with lower distortion. Using such a stable and highly coercive magnet like ferrite, the voice coil can produce loud sounds while keeping the tone smooth.

Butyl rubber surround



Highly responsive butyl rubber connects the woofer diaphragm to the speaker frame to form a surround suspension system. When a sound signal reaches the cone inside the woofer, the stiff yet elastic butyl rubber surround assembly keeps the cone in position, protecting it from strong upward or downward force that may occur when the signal is strong. By doing so, the woofer can withstand the surge of powerful beats and deliver a smooth bass response with a minimum of distortion even from a small speaker.

Stylish speaker grille



The speaker grille has been designed to give cars the look of luxury. Composed of two parts - a detachable metal mesh casing and a plastic ring, when installed over the speaker, it fully covers the tweeter dome and speaker cone. Hard and durable, it protects the speakers from accidental kicks and curious fingers, both of which can be damaging to their sound performance.

Specifications

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Sound

Output power (RMS)	50W
Peak Music Power	300W
Frequency response	28-32k Hz
Impedance	4 Ohms

Loudspeakers

Speaker type	Coaxial speaker
Number of ways	3-way
Speaker size	16x24cm (6x9")
Number of Loud-speakers	2

Woofer

Diaphragm	Cone
Diaphragm material	Polypropylene
Surround	Rubber
Voice coil	Single
Voice coil material	Copper
Magnet	Ferrite
Damper	Conex

Mid-range

Size	54 mm (2-1/8")
Diaphragm	Cone
Diaphragm material	Paper
Magnet	Neodynium

Tweeter

Size	15mm (3/5")
Diaphragm	Dome
Diaphragm material	PEI
Magnet	Neodynium

Accessories

Speaker grille	With metal net
Quick start guide	English, Spanish, Portuguese, Russian
Cables	Speaker wires

Dimensions

Product depth	192 mm
Product height	104 mm
Product width	263 mm
Mounting depth	77.5 mm
Tweeter protrusion	17 mm



data subject to change
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