Philips
Car coaxial speaker

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



CSP6911



Your mobile music theatre

with 3-way stereo for vivid sound

Feel your music with the Philips Car stereo speakers CSP6911. These 16 x 24 cm 3-way speakers have peak power at 300 W, and feature an oval polypropylene cone with a soft PEI dome tweeter so you can enjoy vivid music details and deep bass.

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
- Butyl rubber surround for maximum smooth response
- Strong ferrite magnet for high power performance

High durability, sustainable performance

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

Easy to use and install

- Fits perfectly in all 16 x 24 cm speaker openings
- Simple wires plug-in for designated speaker terminals

PHILIPS

Car coaxial speaker
6 x 9" 3-way, 300W Peak

CSP6911/00

Highlights

Oval polypropylene cone



Oval polypropylene cone enriched, deep bass boost

Soft PEI dome tweeter



PEI (Polyetherimide) is the 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



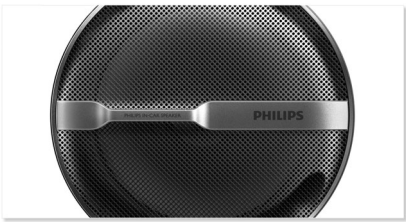
Ferrite is a lightweight but strong material with a permanent and coherent magnetic field. It is the key speaker component that induces the movement of the voice coil and the diaphragm. When an input signal is received, the voice coil acts as an electromagnet that causes the woofer and tweeter diaphragm 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 upwards or downwards 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

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

Loudspeakers
- Speaker type: Coaxial speaker
- Number of ways: 3-way
- Speaker size: 16 x 24 cm (6 x 9")
- Number of Loudspeakers: 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: 15 mm (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 dimensions (W x H x D): 263 x 104 x 192 mm
- Mounting depth: 77.5 mm
- Tweeter protrusion: 17 mm

Issue date 2013-05-29

Version: 1.0.5

12 NC: 8670 001 03675
EAN: 69 23410 72111 9

© 2013 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

www.philips.com