

Car coaxial speaker

- 16.5 cm (6.5")
- 3-way
- 210W Peak

CSP630/00

Your mobile music theater

with 3-way stereo for vivid sound

Feel your music with the Philips Car stereo speakers CSP630. These 16.5cm 3-way speakers have peak power at 210W, and feature a light polypropylene cone with a soft PEI dome tweeter for you to enjoy vivid music details in clear sound.

Benefits

Vivid sound on the road

- 40W RMS power handling
- Light polypropylene cone for clear sound delivery
- Sensitive cloth surround for maximum sound details
- Soft PEI dome tweeter for warm and textured tones
- Strong ferrite magnet for high power performance

High durability, sustainable performance

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

Easy to use and install

- Fits perfectly in all 16.5cm speaker openings
- Simple wires plug-in for designated speaker terminals

PHILIPS

Features

Light polypropylene cone



Inside the speaker, a diaphragm sits on top of a voice coil to produce a signal waveform once an input signal is received. It transforms the signal wave into a sound wave. Polypropylene is one of the lightest plastics ever invented and is great material for speaker diaphragms due to its weight, high strength, stiffness and tolerance for high temperatures. These polypropylene cones deliver high quality music by reacting to even the smallest sound signal to produce clear, vivid sound.

Sensitive cloth surround



A highly sensitive cloth 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 cloth surround assembly brings the cone back into position to be ready to receive another sound signal. By doing so, the woofer can capture every signal with a minimum of distortion, giving you clear, smooth sound no matter how loud or how quiet the music is played.

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.

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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Sound

Output power (RMS)	40W
Peak Music Power	210W
Frequency response	40-30k Hz
Impedance	4 Ohms

Loudspeakers

Speaker type	Coaxial speaker
Number of ways	3-way
Speaker size	16.5cm (6.5")
Number of Loud-speakers	2

Woofer

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

Tweeter

Size	38mm (1-1/2")
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	173 mm
Product height	81 mm
Product width	173 mm
Mounting depth	57.8 mm
Tweeter protrusion	4 mm

data subject to change
2016, November 16

Version: 1.0.4
UPC: 6923410721195

© 2016 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