



**suono**®

**OSX-6**

2-WAY 6.5" PRO COAXIAL SYSTEM



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# OSX-6

## 2-WAY 6.5" PRO AUDIO COAXIAL SYSTEM

Congratulations on choosing a SUONO product!

Your new Pro Audio speakers have been manufactured using the finest materials, ensuring compliance with strict international quality standards.

The final performance of your new system greatly depends on its installation and tuning; therefore, we recommend visiting one of our authorized dealers.

### FEATURES:

#### Midrange

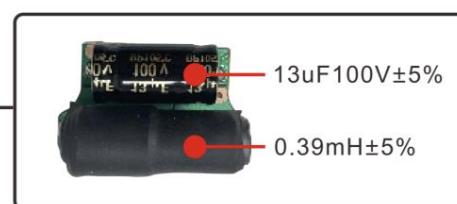
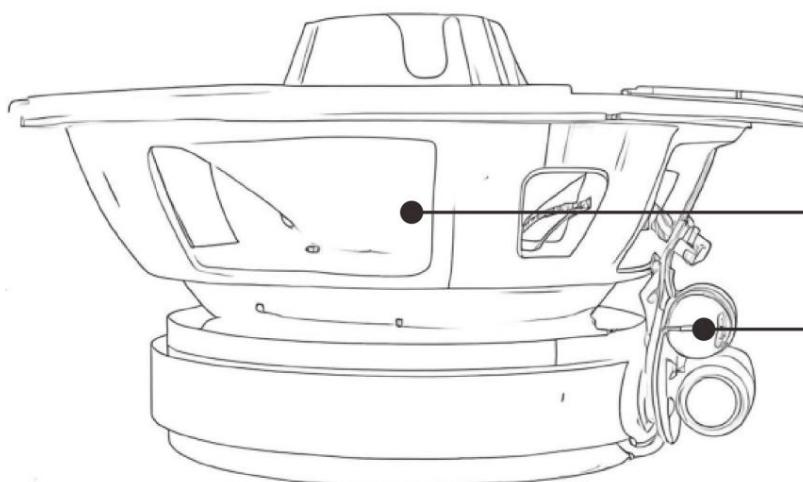
Woven fiberglass cone  
M-type cloth surround  
225 Watts RMS  
4 ohms Nominal Impedance  
Kapton 1.5" voice coil  
110 mm, 21 Oz Strontium ferrite magnet

#### Tweeter

1" Kapton voice coil  
Titanium diaphragm  
25 mm neodymium magnet

The **Mid-Range** features a second-order low-pass filter composed of the coil and capacitor specified in the image below.

The Tweeter operates with a capacitor and a set of resistors in series, which are housed within the post that supports the tweeter itself.



When listening to your system at high sound pressure levels, try not to exceed the volume at which distortion first appears. Distortion not only sounds bad, but it's also the main reason why speakers get damaged.

## Specifications:

225 Watts RMS

100 – 20,000 Hertz

Z nom 4 ohms

## Thiele-Small Parameters, 6.5" Midrange

Fs: 100 Hertz

Qes: 0.58

Qms: 10

Qts: 0.55

Vas: 4 litros

Bl: 7.3 Nm

Re: 3.2 ohms

## Acoustic Enclosures Recommendations (per speaker)

Don't forget to add dacron or equivalent inside the enclosure, as sound-absorbing material, ensuring it does not touch the speaker or obstruct the port.

**Sealed Enclosure: 3.4 liters**

**Vented Box: 5.6 liters, tuned with a 2" diameter and 3.8" length port.**



A	B1	B2	C	C1	D	mm
167	145	110	68	90	177	