



You can hear the difference!

Speaker Systems	Drivers	Kits	Multimedia	Company	Support	Purchase
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RT2C-A Isodynamic Tweeter

RT2C-A Features

Why we call the RT2C-A isodynamic?

Contrary to a conventional dynamic driver, this transducer has a driving force distributed evenly over the whole area of the vibrating element.

What is special in the RT2C-A?

The key element of the RT2C-A is a membrane, which consists of Kapton® film with a pattern of Aluminum conductors. The conductors take about 90% of the whole vibrating area. The membrane assembly is placed precisely between two rows of Neodymium and Barium Ferrite bar magnets. The Aluminum mounting flange, with flared wave guide, controls the frequency response and directivity of the tweeter.

This tweeter has a larger membrane area providing higher power handling and substantially extended low end cut-off frequency.

The clamped membrane area is connected to the massive front metal plate. This combined with a special heat conductive compound provide effective cooling of the aluminum conductors, dramatically increasing the dynamic range of the RT2C-A.

The vibrating element of the RT2C-A is almost weightless in comparison to a dome tweeter. It provides an immediate and precise response to any transients in original signal.

RT2C-A has a resistive impedance in the audio frequency range. This unique feature makes the RT2C-A a friendly load for an amplifier and substantially facilitates easy crossover design.

Unlike other drivers, the RT2C-A has an essentially linear phase response that provides time coherent reproduction resulting in accurate musical rhythm and imaging.

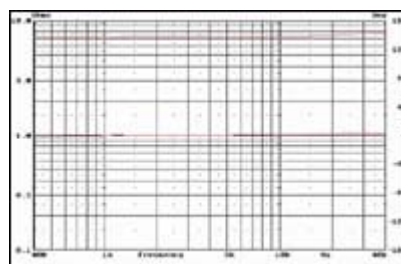
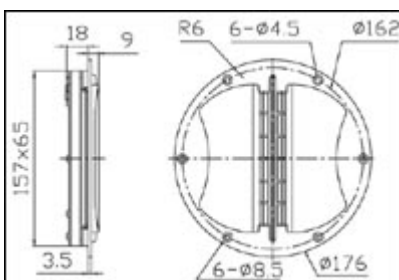
Unlike other conventional tweeters, the RT2C-A has well controlled sound dispersion in the vertical plane. This feature helps to avoid disturbing floor and ceiling reflections in a home environment thus enhancing clarity and imaging accuracy. Remarkably, you don't have to use three tweeters in home theater systems anymore in order to achieve the desired vertical directivity!

Considering all properties of RT2C-A, it becomes clear why many critical listeners among audiophiles very highly prize planar transducers for their unsurpassed clarity, transparency and ability to deliver every tiniest musical detail.

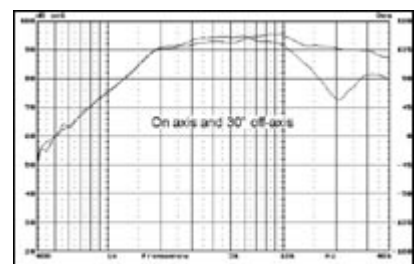
Since the RT2C-A has exceptional sonic resolution and ability to reveal the dynamics of instruments, it is recommended to match it with drivers having similar properties in order to maximize overall integrity of a speaker system.

Recommended second-order crossover cut-off frequency - from 1.8 kHz.

Products Graph:



RT2C-A Impedance



Mechanical Drawing for RT2C-A
(Magnify)

(Magnify)

RT2C-A Frequency Response
(Magnify)

[More picture](#)

Ribbon tweeter:



RT2C-A Isodynamic Tweeter

Nominal Impedance (Z)(O) :	8
Nominal Power Handling (Pnom)(W) :	30
Max Power Handling(W) :	60
Sensitivity (2.83v/1m)(dB) :	93
Weight (M)(Kg) :	0.63
Magnet System :	Neodymium
Recommended Crossover Frequency (Hz) :	>3000Hz