Made in Italy by McMANTOM - MILANO **Hi-End RCA in-line passive subsonic filter**

This audio filter is a Hi-End quality product and must be connected to the RCA input of the audio amplifier.

It muffles frequencies of the audio band below 20Hz with a slope of 12dB per octave.

Low frequencies in the inaudible or infrasound range, if not blocked, cause pronounced movement that may damage the woofer and / or subwoofer.

Meanwhile, these frequencies unnecessarily engage the amplifiers, negatively affecting the dynamics and correct reproduction of the actually available audio frequencies.

This filter is usually providential and decisive.

This is to be used in professional and home audio systems, it is especially valued by lovers ... of black vinyl.

The filter should ideally be placed between the preamplifier or RIAA equalizer and the amplifier input, but it has been used over the years, on several occasions, directly at the RCA input of the audio amplifier with excellent results.

The RCA coaxial plug that contains the circuit is made with flawless care.

The central body, made of brass (turned, milled, threaded and gold plated) and the external **ruby red** coating in aluminum (turned, milled, threaded and anodized) form the container of the circuit.

This product is available with high pass cutoff frequency: 20Hz 12dB/octave

Cutoff frequency	20Hz 12dB/oct. (Subsonic High Pass)
Filter type	Line Passive
Audio connection	Female RCA input - Male RCA output
Maximum input voltage	15 Vpp
Amplifier input impedance	≥10KΩ
Frequency response	20÷20.000 Hz (200.000Hz -0,5dB)
Body material	Golden brass
Coating material	Anodized aluminum
Componentmounting type and PCB	SMD-FR4 10x7mm 0,8mm
Used condensers	Polypropylene - tolerance ±2%
Used electric resistances	Thick film - tolerance ±1% ±10ppm/°C
Working environment temperature	Ta -25.. +50°C
Size	54 x 13 mm
Weight	0,040 Kg (the pair)

CAUTION: the filter is not reversible, the male side must always face the amplifier stage and the audio signal must enter from the female side