

I love the sound of Jupiter Copper Foil, Paper & Wax!!

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I have been involved with audio for over half a century, both as an engineer and very personally as an enthusiastic hobbyist. But this at recent days, I realized that exploring audio as a hobby was what I was really looking for. Rather than surrendering to the trends of the audio market, I think I have been searching for true universal values, "Real-Sound", which I have named in my own way.

The methodology to achieve this is to pursue the sound quality of an extremely classic system using a highly efficient horn speaker and a single-ended amplifier with a vintage direct heating triode. This is because I think what I've been looking for was clarity and precision in the expression of subtle nuances, whether in songs or instrumental pieces. I believe, that nuance with true reality can only be obtained with the combination of a highly sensitive speaker system and a single-ended amplifier with an extremely simple circuit configuration. I think the saying "God dwells in the details" holds true in my pursuit of audio as well.

A system with high sensitivity and a small number of components will be able to more clearly determine the sound quality of passive elements such as capacitors and resistors. In other words, the reason why I have continued to focus on the sound quality of each capacitor and resistor would be probably because of these highly sensitive systems, which I have long pursued "Real-Sound".

About Jupiter Copper Foil, Paper & Wax, first of all, I would like to clarify that the sound of this condenser completely matches the direction of "Real-Sound" that I have been long exploring. The tonal contrast is very high across the entire range. Especially, the richness of the sound and the thickness of the tone in the mid-low range are very attractive, where the musical energy is concentrated. And furthermore, the sound is full of momentum and dynamism. In other words, the first condition I look for in a signal capacitor is how large the amount of transmitted information is. Obviously, the amount of the information from low range to high frequency is extremely vast. That's why the music can only be heard so richly. Or perhaps you could describe the sound as being able to relax and surrender to the only the music rather than to the sound itself.

If I were to analyze it technically and qualitatively, I would say that high-purity copper foil and the silver lead seems to minimize ESR, the resistance component of the electrode, and Jupiter Condenser's specialty, Wax, seems effectively dumps the vibration of the copper foil. And Paper, similar to natural material, is a dielectric bringing warmth and naturalness to the sound. Of course, cylindrical Bakelite is also favorable acoustic material with an excellent balance of strength and internal loss, and these factors probably resulted in the excellent sound quality of this remarkable Jupiter's copper foil, paper, and wax.

In my opinion, this capacitor can be used as a coupling capacitor for high-performance vacuum tube amplifiers, as it has the withstand voltage of 600VDC, and can also be used as a rectifying capacitor in power supply circuits. Of course, it would also be ideal as a high-pass filter capacitor for the speaker network. But, there may be some doubt that the voltage resistance is too high for the speaker network use, but among capacitors with the same material, structure and capacity, the capacitors with higher withstand voltage tend to have a richer mid-low range. In other words, this is often desirable in terms of sound quality.

I would like to offer my heartfelt praise to Mr. Christopher and the technical team who developed such a wonderful capacitor. And I would also like to thank you from the bottom of my heart for giving me the opportunity to evaluate such an outstanding capacitor.