

## **WEET WMH Pure Aluminium Capacitors 100V 630V for Coupling Tweeter Crossover and Amplifiers**

### **WEET SAMPLES DATASHEET:**

WMH Pure Aluminum Foil and Film Audio Capacitors

<https://www.musicaps.com/Uploads/PDF/WEET-WMH-Pure-Aluminum-Foil-and-Film-Audio-Capacitors.pdf>

WMG Pure Aluminum Foil and Film Audio Capacitors

<https://www.musicaps.com/Uploads/PDF/WEET-WMG-Superior-Aluminum-Foil-and-Film-Metallized-Polypropylene-Capacitors-for-Tweeter-Bass-Audio-Applications.pdf>

### **BACKGROUND:**

As I've modified (component upgrades) a lot of kit over the years with capacitors, resistors, semiconductors and the like, I've always looked for top upgrades for fair money outlay. Some products will be my default go to as a result.

In my search I came across WEET capacitors from China writing good things about their products (as anyone would ) and the few reviews online were all positive.

They make a large range of capacitors and resistors but it was their aluminium and copper foil varieties that caught my attention. I find some metalised caps superb but some are really expensive even verse a true foil cap. So the WEET caps looked to be superb value and one I wanted to try.

Liaising with WEET was easy and pleasant. The posted out promptly and cheaply. Delivery was quick.

### **SAMPLES FOR TESTING and APPLICATION:**

I bought in:

- 0.22uF for both a Phast SET amp (coupling) and a Jolida 100w valve amp (coupling)
- 0.47uF for the Jolida amp (coupling)
- 1.5uF for a DHT preamp build (output - not completed yet)
- 8.2uF for some Mark Audio Sota Cesti B (full range tweeter duty)

I've posted this on two forums to share my experience with the WEET capacitors for other DIY'ers.

Findings on the WEET aluminium foil capacitors WMH & WHG

<https://pinkfishmedia.net/forum/threads/findings-on-the-weet-aluminium-foil-capacitors-wmh-whg.295919/>

<https://www.maverick-hifi.com/post/findings-on-the-weet-aluminium-foil-capacitors-wmh-whg-13486437?trail=20#post1340782574>

## **TESTING RESULT:**

I started with the Mark Audio speakers. I had already upgraded the crossovers with Clarity Cap ESA (tweeter driver), Clarity Cap CSA on the mid/bass driver and a Duelund cast resistor. The improvements were welcome on an already great speaker. I am a big fan of the ESA and CSA range and have and will continue to use them extensively.

I wanted a higher end capacitor for the tweeter but at the 8.2uF value they don't come cheap! For a foil cap, they are ghastly expensive.

So I eagerly looked forward to what the WEET WMH aluminium foil capacitor would do. This is not a review of the Clarity Cap, there is much good press and reviews already online about their superb value. They were a great upgrade to the speaker's stock caps.

However, the WEET use a pure aluminium foil (they have copper offerings too) with a polypropylene insulation film. So they were sure to sound different.

So having eagerly installed them, I connected power for a quick listen. Yes, they were very different. Initially, brighter as expected, staging more forward, and a little jagged. They were fresh in though. Despite this, what would come was already apparent. They were more revealing (but bright as mentioned), but not just on details, but you got a greater sense of the feeling behind the singer's voice.

It did not take long for these caps to start settling in. With not many hours they began to smooth out and calmed down, making me eager for them to fully burn in for a fuller reveal I was already enjoying.

Once they had enough hours, words that came to mind was purity and solidity. Vocals were superb, silky smooth, honest. Timing felt better but this may be a case of less glare, less edginess making one focus on what was being presented as a whole. Hence the word solidity coming to mind.

Emotion to the music and vocals was more enjoyable. The result is what we want, being drawn in more. Sounds mad, like I'm reviewing big HiFi kit swap outs, but really, the capacitor swap out was a very welcome upgrade. I'm not listing the kit used as it is not a review of that, just a small component change where the audio signal passes through to the tweeter - an important component as the last word of what comes out the speaker (bar the cable connecting them).

So, I'll definitely experiment more with the WEET caps due to my favourable use of them in the Mark Audio's. I highly recommend them and they represent superb value. Don't be nervous to try them verse the usual suspects.

Then came the time to try them in the amplifiers.

The Jolida JD1000BRC is from a friend who gave the amp to me for some upgrading. So 8x 0.22uF and a pair of 0.47uF caps were to replace the stock Jolida own rolled capacitors also out of China.

I also dropped in a pair of 0.22uF caps into my own Phast 6C33C SET valve amplifier. Initially there was a copper foil cap in place from famous origins before trying the WEET. The copper foil cap is very melodic and musical. However I always find it's bass a little vague no matter its application. Elsewhere in the frequency range they are lovely. However I wanted more surety, slam and bass detail. Would the WEET meet the challenge?

First off though, the Jolida JD1000BRC. Photo of the work is below the write up. The WEET capacitors are not too large for foil which is welcome to help with installation. They look superb and special which sadly gets hidden away when the amp is in use. The amp is also too large for an upside down paper weight.

Initial impressions were similar to that of the speaker upgrade. There was way more reveal but a little hard edged. You could tell there was to be a big improvement. This is expected verse the stock caps however I have upgraded maybe 10 or 12 Jolida amplifiers before with different cap configurations which at least gives me a flavour of how different caps affect the sound. All caps used in the past gave an uplift over the stock caps. Jolida (now Black Ice Audio) do favour the Jupiter capacitors and this is the one cap I have not tried

Once the Jolida was burnt in, the amp sounded quieter, more dynamic, punchy and felt like an extended frequency range. This was due to better extension and decay of high frequencies and a bass that kicked more. Speaker repositioning was needed! Vocals again excelled. My friend who is an electrician which does not correlate to audio directly, was most astounded at what better capacitors in a circuit can achieve.

Next was then my own amplifier, the Phast 18w per channel SET amp with separate power supply. A beauty to look at and listen to on efficient speakers.

Taking out the 'copper' foil cap and dropping in the WEET (0.22uF ground coupling), I got what I felt was missing. I needed (wanted) more bass articulation and confirmation that the wooly bass was as suspected, that cap I can never get to sound right.

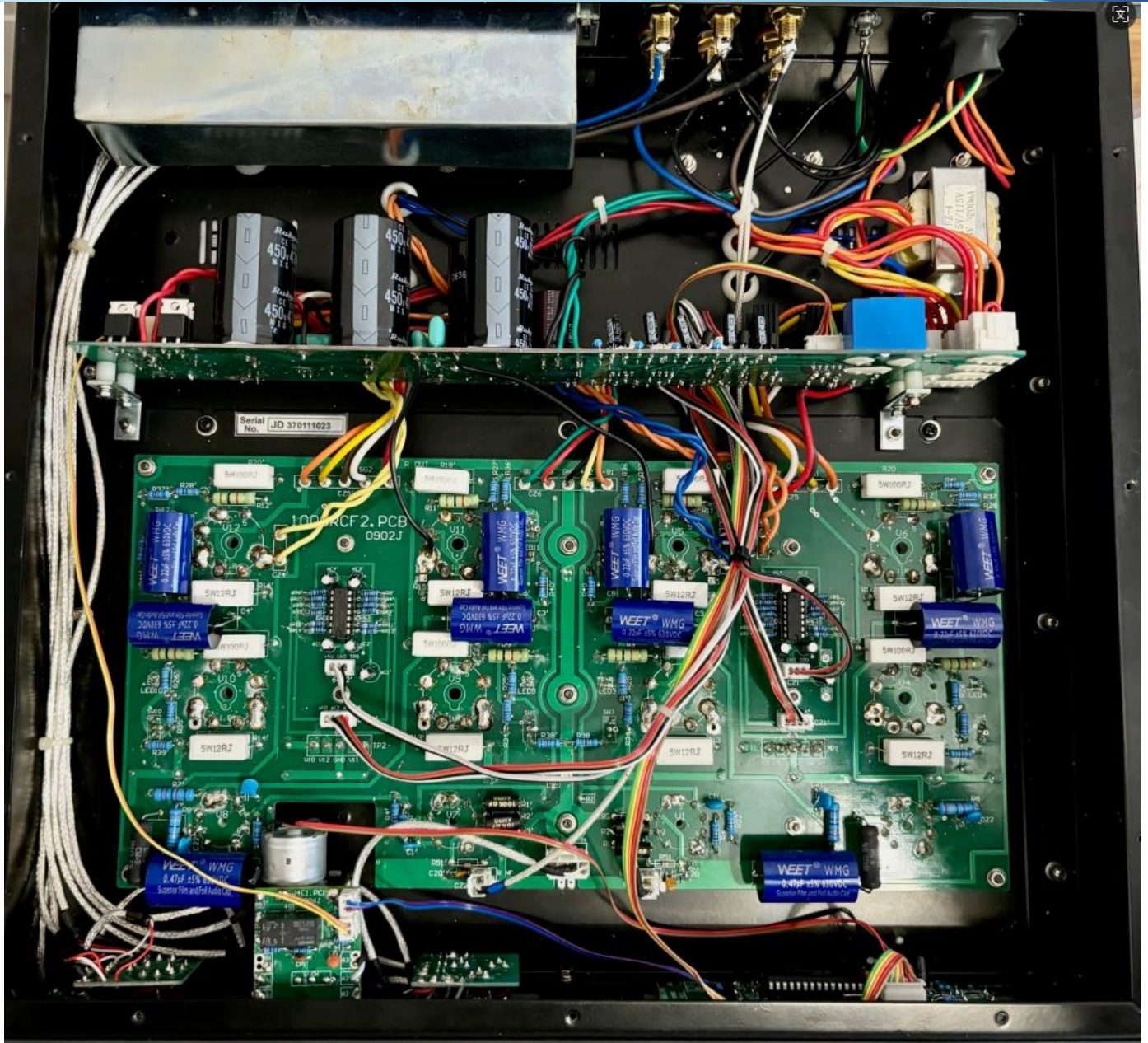
I was relieved to hear what I was hoping for. Again as with the Jolida and speakers, clarity and micro details improved. The amp felt more speedy.

I sadly did not bring in the 0.1uF's for interstage coupling. As the photo will show I opted for the Miflex Copper Oil caps which were and to my ears always better than the 'other copper cap'. This with the WEET was a much more favourable combination than the prior setup.

So for those unsure whether to try the WEET, I personally recommend them and I myself will bring in more for other projects soon. I will also order in some of their copper varieties which is sure to bring an even better outcome.

--- From Aired Audio Robert, UK





### ABOUT WEET AUDIO CAPACITORS:

WEE Technology Company Limited is specialized in manufacturing MKP film and aluminium/copper foil audio capacitors for more than 20 years history. WEET adopt the key techniques from Taiwan factories and the main material are all imported from Japan and European countries. WEET pursuit the highest level in crossover audio circuit and we believe WEET is ready to compete with overseas brands. You deserve to have the best quality audio capacitors.

Check more products about WEET on [www.weetcap.com](http://www.weetcap.com)



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