Subject: epiphany model 6-6 /12-12
Posted by mr.hayes on Mon, 06 Jun 2005 20:56:36 GMT
View Forum Message <> Reply to Message

Hello out there: Has any one seen this speakers. A little bit priced, but maybe easy to clone. Any ideas of the drivers.

Subject: Re: epiphany model 6-6 /12-12
Posted by Jim Griffin on Tue, 07 Jun 2005 00:30:36 GMT
View Forum Message <> Reply to Message

I haven't seen these arrays in person. The small woofers look similar to the Creative Sound Solution WR125ST or WR125S. The tweeters look like B-G Neo 3. You might start there.Jim

Subject: Re: epiphany model 6-6 /12-12
Posted by Rick Craig on Thu, 09 Jun 2005 02:58:21 GMT
View Forum Message <> Reply to Message

I think Jim Griffin is right about the drivers. In my biased opinion I think you can do better than cloning these. The longer planar / ribbon drivers will allow a lower crossover point and thus larger woofers. That way you can run them full-range or have a lower crossover point for optimal subwoofer integration. There are many 5-7" woofers which will give you a sealed box -3db point of 60-80hz. Plus you can move more air, one of the big advantages of a line array.

Subject: Re: epiphany model 6-6 /12-12
Posted by justinc on Thu, 09 Jun 2005 22:21:11 GMT
View Forum Message <> Reply to Message

I'm pretty sure I read somewhere that Danny from GR research designed the woofers they use. so they might be similar to the m130's they sell

Subject: Re: epiphany model 6-6 /12-12
Posted by Danny Richie on Tue, 21 Jun 2005 15:08:50 GMT
View Forum Message <> Reply to Message

I guess I can tell you anything you want to know.I'll have to disagree with Rick though. These are pretty tough to top even in DIY.The low 1,000Hz to 1,200Hz crossover point of the planar magnetics is a huge advantage of ribbon based designs that must be crossed much higher. They are a lot tougher too. The true ribbons can be very fragile. Just blow on one and see what happens. The planar's are a new W version Neo 3 not available anywhere else at this time.The Speed and detail level of the four inch woofers are hard to match with any other woofer and nearly impossible with any larger ones. They are a proprietary woofer that was built to my specs.Low end extension is given up to gain the advantages of the smaller woofers. My personal pair of 20/21's will only -3db down in the mid to low 30's in my room. The 12/12's -3db in the upper 30's to low 40's. The 6/6, mid to upper 40's. So a sub is needed to cover the bottom end. But these were the design goals dictated by the owner of the company. He intends to sell his large subs with the speakers.There are some deals that can be made on a few select pairs right now that can put the price down into a range where it would be nearly impossible to match even in the DIY market. If serious contact me.If there is anything else you want to know, just ask.Danny Richie