

## **C-MARC™ Bulk Wire and Cable**

**Date Added: 09/09/2024 by Gilles Bordet, Cohérence Audio, Switzerland**

I'd like to offer you a little feedback on your C-MARC™ cables.

We have used your cables in many applications and configurations. The results have always been excellent.

LessLoss cables are pleasant to work with, and the cotton insulation doesn't melt, unlike plastic. This has enabled us to work at higher temperatures with high silver content alloyed solder.

These cables are very pleasant to listen to. The noise reduction is remarkable. Definition is also excellent. The entire frequency range is faithfully reproduced.

These cables are really excellent products.

We will be integrating your cables into our new products.

Best regards,

Gilles Bordet  
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**Date Added: 05/21/2024 by Jens Thorsen**

[Read the review here \(PDF file\).](#)

**Date Added: 10/07/2023 by Jens**

Part 1:

All the LessLoss large hookup wire pieces I ordered have now been implemented. Live, Neutral, and Ground wires were installed as planned in all instances ?

For this high voltage application, both the power-carrying wires had additional insulation added in the form of white and clear heat shrink (see photo below).

I started out with implementing the large hookup wires in my Ediscreation Silent Switch, which was pretty straightforward; from leGo copper/gold IEC at one end, using the solder ends supplied by leGo, to screw terminals on the main board for Live and Neutral and Ground attached to a chassis screw.

Here is the transition:

After "surgery", the Ediscreation switch was reassembled, put back into the system and turned on. I left it to warm up (it has an OCXO clock) for half an hour before any serious listening - but I could hear something going on right from scratch.

Then I sat down and listened for some time. There was a clear difference with the LessLoss hookup wire feeding the Ediscreation electronics. Sound was notably fuller and more lush. This was not at the expense of detail, quite the contrary, because details came out even better. This was not in the sense that they come out louder - they were just clearer. After further listening, I realised that clarity in general had reached a new level, most likely because the LessLoss hookup wire has lowered the noise level from the AC line. Sound was simply more clean, benefitting the musical experience!

My Ediscreation switch is unfortunately not being fed by a LessLoss Entropic power cord. It definitely should be. And I am trying to get there ...

Replacing the standard wire in the Ediscreation Silent Switch was well worth the effort - definitely exceeded my expectations and raised my system to yet another level. Thank you for providing the annoyingly short lengths of wire!

## Part 2:

My Innuos Zen Mk3 streamer was up next to have its internal AC wiring replaced by LessLoss large hookup wire. Again, when using this wire for 230/240V AC, the cotton part of the wire needs additional insulation, and as recommended by Louis Motek, I used white and clear heat shrink for this purpose. Since I ordered the pieces of wire with end prepping (highly recommended), the ends already had white heat shrink, but to be able to distinguish between Live and Neutral, I chose white for Live and clear for Neutral. Same as I did for the Ediscreation switch upgrade described in part 1.

The Innuos Zen Mk3 streamer has a separate on/off switch. Unfortunately, this switch causes sound deterioration, which I discovered previously when I altered the wiring to bypass the switch and go directly from the Furutech IEC inlet/fuse holder combo instead. As can be seen in the photo, the original wiring for the on/off switch is no longer connected:

As can also be seen, the wiring from the Furutech combo ends in a PCB connector on the voltage selector PCB, and I decided to remove this connector in order to solder the LessLoss hookup wire directly into the PCB.

A word of warning here: the male part of the connector is press-fitted into the PCB as well as soldered in place, so it is extremely difficult to get it out! However, I succeeded in doing it, and after fitting and soldering short lengths of solid core copper wire onto the pre-soldered ends of the Live and Neutral hookup wires and subsequently soldering the solid core wires into the PCB in the connector's place, the connection to the voltage selector board was re-established.

After fitting and shrinking the additional heat shrink on both wires, the other ends were then soldered to the solder lugs of the Furutech IEC combo. The ground wire was also soldered onto the appropriate solder lug and connected to the original star ground. The end result can be seen in the photo:

The Innuos streamer upgrade was considerably more difficult to perform than the Ediscreation Silent Switch upgrade described in part 1, mainly due to my decision to remove the male part of the PCB connector from the PCB. I have later performed a similar upgrade to an identical Innuos streamer belonging to a friend without removing the connector - much easier.

So, a lot of work! Was it worth the effort?

Yes, absolutely! But - initially I was somewhat disappointed with the Innuos upgrade. There were indeed improvements - and along the same lines as with the Ediscreation switch, but the magnitude was much smaller. However, it turned out that - for some reason - the new wiring in the Innuos needed a little time to bed in, and the effects are now much greater than at the first listen.

All in all, the combined LessLoss large hookup wire upgrades on the AC wiring in my digital chain have proven very worthwhile. The short lengths of wire needed did not cost a lot, even with the end prepping, and my system has moved a significant step further towards naturalness and musicality - sheer bliss!

Jens

**Date Added: 03/28/2023 by Nik**

Hello Louis,

I own the „big“ CD-transport from Pro-Ject, the “CD Box RS2 T”.

It is driven by the Pro-Ject upgrade power-supply.  
The DC-connection was via Pro-Ject “upgrade” cable.

Last weekend I built a new DC-cable for this connection, using C-MARC™ bulk Coaxial cable.

What shall I say – big improvement!

So why don't you offer DC-cables to non DIYers?

Regards,  
Nik

**Date Added: 10/18/2022 by Philippe Montavon**

My audio system is a highly sensitive and very transparent one, using very high sensitivity field coil full range speakers and also field coil bass speakers. The tube amplifier that drives the full range speakers (Rullits) offers only about 3 Watts. So, my description of the effects of the 640x Firewalls pertains to a high sensitivity (including high hum sensitivity) tube driven system.

It has been optimised over the years with much dedication, including the use of Firewalls for loudspeakers and Firewalls for power supply. So, I was not expecting such a range of improvements upon implementing this home-made power distributor using one DIY 640x Firewall per power cable (8 Firewalls for 8 power cables). I might even consider building a second distributor to take care of the remaining power cords!

I believe that the use of one Firewall per power cord minimises detrimental electrical interactions between the various pieces of equipment, which clearly translates into less hum and a clearer musical signal.

I finalised my 8 channel power distributor using 8 of your DIY 640x Firewalls, one per channel/output. I use one power transformer (connecting 400V from the 3 phase electrical supply of my flat to its primary, which translates to 230V on its secondary) to feed my entire audio system and achieve galvanic separation.

Grounds proceed via separate connectors, one on each piece of equipment of my system (implemented by me), which, through C-MARC wires, converge onto a single soldering point and then travel through two 640x Firewalls before being connected to earth.

Accordingly, since the grounding network of the system is fully separate from Line and Neutral, I did use Ground and Neutral of the 640x Firewalls in parallel to account for Neutral. Line was used as usual.

I powered all digital related equipment, part of the tube gear, and part of the field coil power supplies with this power distributor. There are still about 8 pieces of equipment which are not powered by this DIY 640x power distributor. Some of the pieces of my system already housed a DIY 640x, internally connected to the primary of the respective power transformers.

Listening to the system after implementation was a great pleasure. The already low hum level of this complex system went even lower, nearly undetectable! Depth and width of the musical stages increased. Unknown low level

information appeared, which also translated into increased harmonic richness of instruments and voices and an increased dynamic range.

Acoustics of the recording space became more obvious, which revealed the three dimensional structure of the musical scenery. That means a lot when considering the pleasure it conveys when listening to music!!!

So, great stuff indeed.

### **Date Added: 05/31/2021**

#### **Making a magnificent DIY C-MARC headphone cable**

After I upgraded all my interconnects to C-MARC and also exchanged most of the internal hook-up wire/signal cable in my Rogue Audio tube amps with success, I surely got magnificent and improved results.

I was looking for a new upgrade project for my head-fi, because quite often I use my Audeze LCD together with my Audiovalve tube amp. Sometimes I must be gentle and select quieter listening environment and I do want to listen without losing the same organic live sound as I do with my loudspeakers, without any lack of detail.

With headphones you get closer to the music. And the cable that comes with the headphones is rather good/ok but my idea was it could be yet further improved using C-MARC wiring. Since the LCD-3 has XLR mini plugs I could make a replica cable without opening the LCD-3, and make it longer. So I did. I used 8 meters (4x2m) of C-MARC Small hook-up wire purchased with unprepared ends and unterminated. Since I have been working with C-MARC wires/cables upgrades, I have learned the technique to prepare the ends by use of soldering pot and high temperature to burn off the lacquer and tinning them. If you're rather just want them already treated and finished in 4m lengths that's easy to order. One thing you don't have to worry about is using shielded wires over the pair. They are self-shielding by their very construction.

- Ok, after termination and soldering to a jack plug and the mini plugs I was very curious if there were going to be subtle changes or in some ways better. Immediately without burn-in time there were huge changes in sound. More organic, an ease of music flow, it was wider and deeper. All the instruments were better and real and I heard no coloration. Just closer to the music, and that's what we want, right?

- Again I am surprised what C-MARC can do and the changes they bring about. You can use them in power, signal paths, digital, low signal wires from PU to RIAA. I just love them!

### **Date Added: 12/20/2020 by Pascal, from Guadeloupe**

Are you ready for the C-Marc bulk cable "Large" verdict in my high efficiency speakers (96.5 db!)?

Well I'm not going to use all the audiophile terms but the only thing I can say is that these cables bring finesse and allow the details to have more materialization, they are a little more embodied, of authenticity!

While waiting to familiarize myself a little more, I am saving up to test the DIY Firewalls for loudspeakers! So The sequel in a future episode!

Thank you for allowing me to improve noticeably but surely listening to my system!

### **Date Added: 12/11/2020 by Barnabás Komáromi from Hungary**

Yesterday I purchased my first LessLoss cable. I wanted to put an analogue interconnect between my player and my amp. My stereo system is not really high end category because in the past years I invested more into headphone gear.

I could not use the standard C-MARC RCA that you make (with those Large Xshadow silver plugs), because my "cheap" devices have the RCA sockets too near for each other.

So my technician colleague assembled a cable for me, using C-MARC bulk coax and these "low weight, nickel-free, gold plated tellurium copper" connectors.

Why C-MARC for such entry level gear? Because I wanted to buy one reference cable, that stays in my system even if I upgrade electronics. Also, I wanted something flexible. I hate thick PVC.

From the first minute, my system showed a completely new image. Transparency improved and at the same time I started to hear the limitations of my player and the CD discs as well.

What I like about this cable is that it's not trying to make everything beautiful like a fairy tale. It makes my system more honest, more straight. At the same time it shows the pure details, the small details in space and time.

So I'm happy because now I can listen to my stereo with my wife and I don't have to go always to my headphones.

I tested a lot of your products in other systems for the past years and I knew that they are working, but it is always so intense, such a milestone to experience good changes in your own device chain.

Thanks again and I will be happy to continue recommending your products.

### **Date Added: 09/16/2020 by Colin Gray**

The boxes at my 'speaker terminals (pic attached) house Bybee Speaker Bullets and they remained in my system and because of the configuration, the Firewalls plug into them.

Whilst I save up for the C-MARC Entropic Process power cords, I was planning to rehouse the Bybee products (currently in the plastic box) in an enclosure similar to the mains Firewalls with the material being Russian Birch ply as per my 'speakers.

However, for the tails leading out to the Cardas terminals on my 'speakers, I wound up using the 'Large' C-Marc bulk wire, Entropic Process (this option provided by LessLoss).

I continue to marvel every single evening as I listen to the transformation of my system with the various Lessloss products. My favourite music has never sounded so good and it keeps getting better as I said at the start of the email.

Here are before and after images.

I've had just over a week with my latest project with the new enclosures for the Bybee Purifiers. I know that my Entropic Processed power cords only really showed their brilliance after 7 days, but of course my new C-MARC 'tails' are not seeing mains power. I expect them to take a bit longer to show their full merit. However, I knew from the first minute that they had brought an obvious improvement. OK, there is the new Birch-ply enclosures and the Bybee Purifiers embedded in Epoxy, but I feel the majority of the improvement comes from the C-MARC. The improvement being more of the same from your products, i.e. better clarity and realism.

I thought, pre my Lessloss journey, that my system sounded really good. How wrong was I and how much 'noise' was there that I knew nothing about! My best way of describing it is that for 'noise' read glue. Previously the sound seemed stuck to the 'speakers and the vocals / instruments stuck to each other. With each iteration of adding a Lessloss product, the glue has been progressively removed and the sound just fills the room and is totally detached from the 'speakers. Each vocal (lead and backing) and every instrument is now free in its own space.

With this latest DIY project, just 200mm of Entropic Processed C-MARC has taken away some more of the glue. Remarkable for such a low-cost project.

Downsides – well yes - Entropic Processed C-MARC is ADDICTIVE – I need more!!!

Thanks again.

**Date Added: 03/01/2020 by Vladimir Markovic**

Since I replaced my Cardas speaker cable by C-MARC wire, I am still in a state of shock. It is simply a magical improvement.

I still did not get around to rewiring my amp and turntable with the remainder of the C-MARC bulk wire. I just HAD to continue listening to music ever since the C-MARC has been in my speaker system.

**Date Added: 02/20/2020**

[High performance joint partnership recording between LessLoss, Boenicke Audio and Audio Consulting, implemented using C-MARC Hook-up wire and LessLoss latest Firewall technology.]

I've had a chance to listen to the recording by now, and it is really incredible - thank you!

Since I downloaded it late at night, I first listened through headphones. There, I was first struck by clarity and dynamics. But the real thing, I believe, only comes through the speakers. It is there that I really appreciated not only the quality but also the technique of the recording. It is one of the very few piano recordings I've heard where you almost get the tactile experience alongside the sonic one. It places you not in the audience but almost on the performer's stool, as it were. (BTW, I have to listen more to it, but my first impression was that the positions of some mikes were changed for the second CD, no?) The middle parts of Part 4 and Part 5 are truly amazing: the way lower and higher octaves sound together, losing neither their distinctiveness nor togetherness, is, again, something I don't think I heard before in piano recordings.

So thank you again!

**Date Added: 02/14/2020 by Nik**

Ich habe meine "WireWorld Mini-Eclipse 7 LS-Kabel" durch C-MARC Exemplare ersetzt. Am meisten beeindruckt, dass S-Laute entschärft werden - ja durch das Lautsprecherkabel! Wenn man zum Beispiel das Pfeifen von Livingston Taylor bei seinem Song "Isn't she lovely" hört, so war das mit den alten Kabeln ein schneidender, im Ohr fast schmerzhaft klingender Ton. Durch die LessLoss Kabel ist die unangenehme Komponente komplett verschwunden und das Pfeifen klingt wunderbar natürlich. Interessant ist außerdem, dass der Bass jetzt deutlich tiefer runtergeht und - trotz Röhrenendstufen - deutlich druckvoller und strukturierter daher kommt. Außerdem sind noch mehr Details in der Musik wahrnehmbar, die vorher wohl irgendwie im alten Kabel verloren gegangen sind. Das fuhr zu etwas mehr Luft zwischen den Musikern und noch etwas besserem Raumeindruck.

In Summe also mehr Präzision bei gleichzeitig natürlicherem Klang, zwei Eigenschaften die sich normalerweise gegenseitig ausschließen...

[German language original]

I replaced my WireWorld Mini-Eclipse 7 loudspeaker cable with a C-MARC Coaxial wired as a single polarity. I'm most impressed by the way that - through a change of loudspeaker cable(!) - sibilants are now less harsh. For example, when I listen to Livingston Taylor's whistling in his song "Isn't she lovely" with the older cables, it came through as a cutting, almost painful tone which hurt my ears. With the LessLoss cables, this uncomfortable aspect disappeared completely and the whistling now sounds wonderfully natural. In addition, now the bass is considerably deeper, despite using tube amps, and has better impact and is structured and more solid. Also, I can hear more detail in the music which were somehow completely missing in the older cable. This leads to more "air" between the musicians and a better sense of soundstage.

To sum it up, I'm getting more precision and at the same time a more natural sound, two traits that you'd normally consider contradictory...

[English translation by Louis Motek]

**Date Added: 12/03/2019 by Vladimír Bartoš**

Dear Louis Motek,

I found your business looking for the right cables for my sound system. Because I wasn't happy with my previous "Wireworld" cables. This weekend, I made three pairs of symmetrical signal cables using the C-MARC™ cable provided by you. At the end we tested them with a friend. Improvements were bigger than I expected, every time. It has significantly improved the space for the deployment of instruments in the sides, also in the front. That's why I decided to replace the other signal cables as well as the power mains throughout my assembly after studying your LessLoss page.

Thank you for the excellent ideas you have for improving sound reproduction. I look forward to further cooperation.

**Date Added: 10/22/2019 by Apirameth U.**

Power distributor with integrated Firewall modules using C-MARC wire throughout.

The power distributor arrived a month ago. After full Burn-in for 3 weeks, yesterday I started to connect it to my main audio system, first impression is the noise floor level is much lower, the notes of each music instrument are very well separated, the sound of instruments are more real.

The dynamics are simply excellent. I feel that the musicians, now, are playing with their soul. Most important thing is it makes me connect to many albums of music like never before. A very great and world class product.

Thank you to you and the LessLoss team for the professionalism and keep going with continuing to develop great products like this.

**Date Added: 09/17/2019 by Jonathan Popan**

Thanks for the bulk LessLoss C-MARC coaxial cables. I'm using them as speaker cables (two individual coaxial cables per speaker, all Litz strands of each coax attached at both ends) and at this point I have the full loom of LessLoss speaker wires (even internal) for 2 of my speakers. Before this, using C-MARC for power and interconnects, as well as for internal hook-up wire on the speakers, it most certainly sounded phenomenal, pleasant, beautiful, colorful, smooth, liquid and organic. Now, after using these C-MARC coaxial cables as loudspeaker cables between the amps and the speakers, it's absurd! The sound effortlessly flows out of the speakers like water! The tonality is heart tuggingly rich, beautiful and organic! It sounds as if the fog in the soundstage is completely gone! Lol, I just can't believe that the new Firewall for Loudspeakers will make it sound even better than it already does.

Louis, I have to say, I keep thinking about the fact that you truly are a cable scientist, not some conventional company that plays the 9's game and slaps an astronomical price tag like various companies do. Lol, admittedly you're products aren't the cheapest but when I think about the R&D, time and effort that goes into everything and of course the breathtaking results I realize that your prices are very fair and even generous. When I go to websites like audioquest and nordost, just based on the short description I can tell it's all just a big scam, they definitely don't put as much effort into their products and then they have the audacity to charge tens of thousands of dollars???. Doing business with you was audio system changing and I would even say life changing. I'm just simply amazed at the drastic change of sound in my system and also the drastic increase of knowledge of sound by talking to you. I can most certainly say that based on my experience I am most certainly a lessloss fanatic! I'm thankful that you enjoy doing business with me, the feeling is mutual and I'll most certainly be on the lookout for new products that you will come up with. I'm sure I'll also ask for certain custom jobs in the future when I'll have the funds. Louis, lol I don't want to sound like I'm just trying to gain your favor or anything like that, but please continue to do what you're doing for the rest of your life, you really are doing the world a favor, or at least you've done me a great favor and improved my life by creating such marvelous products at a decent price. Keep up the super job that you and your team are doing!

**Date Added: 08/27/2019 by Arthur Ross, Westport, CT**

TO MY MIND, USING THE ART WORLD AS AN EXAMPLE, LESSLOSS TO THE AUDIO CABLE BUSINESS IS AKIN TO COMPARING THE WORLD OF MONET, DA VINCI AND VAN GOGH TO COMIC BOOK ART.

**Date Added: 08/26/2019 by Joseph LG**

I finally finished the power conditioner/distributor. I could have finished it a long time ago, but other projects took priority. With the FW module and cables you provided, it was not difficult to assemble. Pics of the completed project are attached. I also attached a photo of the LessLoss-provided parts.

Specs as follow:

- LessLoss custom FW module (custom 4-unit long 64X)
- LessLoss C-MARC cabling throughout
- Oyaide R0 receptacles
- Oyaide WPC-Z aluminum mounting frames with carbon fiber plates
- Box construction: 1.1" thick cherry wood, glue assembled, rounded corners and clear lacquer finish
- Outside box dimensions: 12.6" long x 7" wide x 7" tall

The box is just long enough to accommodate the 4-64X module, power inlet and cable bends.

The box could have been a couple of inches shorter in height and a tad narrower, but I wanted it to have some extra clearance inside for cable bends and potential future modifications, and I wanted the box to have some extra mass for vibration absorption and stability. The bottom of the box has a 1.1" thick removable panel that also solidly supports the FW module.

Thank you for all your advice and for providing the custom four-unit-long FW and pre-attached C-MARC cabling. It will take a while to burn-in. I look forward to its utility in my system.

Update Sept. 1, 2019:

Today after checking all the receptacles with a plug checker and getting a green light on all, I connected the distributor to the wall receptacle with a C-MARC Power Cable and plugged in my audio gear. When I turned everything on the first thing I noticed was that I could no longer hear the slight hiss that I used to hear standing a few inches in front of my loudspeakers. It wasn't bad before, but I didn't expect such silence. I had to look at my amplifier to be sure the tubes were glowing. From the listening position the sound seems a tad cleaner and the bass a little stronger than before. Those are my first impressions on first listen without any burn-in. I believe the reduction in audible noise at the speaker driver face is evidence that the 4-64X FW module is doing something positive in my system. I already had standalone 64X FW modules at each component power inlet (and still do), so the added quadruple 64X power distributor with its high-grade components, made a discernible difference in my system.

Joseph LG  
Los Angeles, CA

**Date Added: 06/18/2019 by Michael Sadighpour**

This week-end I decided to install the C-MARC Firewall 64X units on my KEF LS50W active speakers. (One on each speaker) along with 2 C-MARC power cables per speaker and 1 for my power conditioner. At first I was somewhat disappointed and underwhelmed. I let the system play music, lowered the volume and listened again the next day. You know you have something special installed in your system when you start listening to your usual test tracks and you won't go beyond the 1st one because the difference is so big and the sound is so pleasing to the ears that you just keep listening! In the past few years of getting into audiophilia, this was the learned lesson! When you keep changing tracks or don't listen for long sessions to the system, many a time, it is not the music, but the incorrect presentation of it that is subconsciously non-engaging and bothersome. With new C-MARC power cords and C-MARC FW64X filters, there is no extra emphasis on highs or lows. It's just a proper presentation of music across the spectrum. I don't even turn it up that much as the music is all there. Highs, lows, vocals with exceptional details, all flowing in liquid form. The music just flows as if I have added a Chord DAC with crazy high number of



taps! A great way to improve the sound in your system. These are component level improvements. Great for folks with all in one active speakers with built in DAC and streamer who think they can't upgrade their sound. Well done Louis and the LessLoss team.

#### **Date Added: 03/04/2019 by Andor Kovács**

I read a lot about the LessLoss C-MARC cables, because I found them so interesting. Earlier I was thinking to buy new loudspeakers, but it would get into serious costs to improve them. So I decided to change the internal cables of my Usher Mini Dancer Two loudspeakers to C-MARC bulk hook-up cables.

Louis recommended the small size bulk cables for the tweeters and large size for the woofers. He suggested LessLoss can prepare the lengths and ends for me in professional quality, and I chose this option. LessLoss sent me the ready prepared cables the very next day! And we have already made the internal wiring switch.

The positive traits showed themselves already from the very beginning!

After 30 hours burn-in time here is my experiences:

My speakers reached an untold level of performance, totally transparent in sound quality, with a much lower noise floor.

I'm hearing more pure tone, clearer extension of bass and highs. The focus is much better. Besides better bass control, the mid frequencies are also more liquid and smooth. The sound stage is wider, deeper and there is much less noise between the various sounds leading to a more delineated sound in the sound stage and there is definitely more bass. The resolution is much higher and many veils are lifted.

I feel the burn-in time will continue for a long time. The natural tone quality lets me listen for hours and hours without hearing any sonic traits of the cables.

In summary:

I highly recommend the LessLoss C-MARC bulk hook-up wire for your internal cables for those who want to get the most out of their system!

#### **Date Added: 02/20/2019 by Johnathan Popan**

After hooking up my speakers with the C-MARC large hookup wire and seeing the incredible results, I decided to purchase triaxial cables to replace the better cables silver serpent XLRs for my 3 speakers and subwoofer and Louis was really helpful in that he e-mailed me with instructions about how to tin and assemble the XLR cables. He also informed me about which exact Neutrik ends Lessloss uses and sent me completely drilled chucks(which was very helpful) due to the fact that the triaxial cables are so thick. It most certainly wasn't easy or quick to complete the process but once the process was complete I connected the C-MARC XLR cables from my emotiva xmc-1 processor to the benchmark AHB-2 amps and SVS SB16 Ultra.

My impression of the cables is that it didn't have the same impact as the large hookup wire although the results were most certainly still impressive without a doubt. As a lot of people were saying, the noise floor went considerably lower and the SNR went quite a bit higher to the point that there was definitely the black background effect. The sound stage also improved in that it was wider, deeper and much less noise between the various sounds leading to more delineated sounds in the sound stage and there was definitely more bass. One thing I'll definitely note is that games and movies sound a lot more atmospheric and much more engaging. As I continued to add the XLR cables on top of the large hookup wire I noticed that the music did continue to become even more transparent and organic.

One thing I did discover while listening to the C-MARC XLR cables is that C-MARC in general doesn't just reveal the resolution that was always there, but it reveals the color that was always there and when I say this I absolutely don't mean that it colors the sound. I discovered that the sound itself has its own natural color or timbre/tone(however you want to call it) and C-MARC reveals it exactly how it is.

When watching movies or playing games, I noticed that this already awesome subwoofer does an even better job at disappearing in the sound stage, blends in even better with the speakers, is more accurate, more organic and definitely adds a very nice atmosphere to the movie or game. I very highly recommend C-MARC.

**Date Added: 01/08/2019 by Johnathan**

Ok, where to begin. So, I was looking into upgrading my current system and I was searching for cables to enhance the sound of my system and to create a more black and noiseless sound. I was aware of LessLoss for a while, although I recently decided to read into the various technology that they implement into their cables and the reviews that customers and press are giving their cables. I was going through the reviews for the old DFPC cables and most were very positive, although one review in particular did catch my eye where someone was having a showdown between DFPC reference(~1,800\$) & signature(~1,100\$) cables, the Nordost Valhalla(~5,000 to 6,000\$) & Odin(~19,000) cables and some other cables that were more expensive than the LessLoss cables. The reviewer's impression of the DFPC Reference(~1,800\$) was that it sounded better than the Nordost Odin(~19,000\$) which blew me away and immediately I was interested in purchasing a DFPC cable. When I looked into purchasing a DFPC cable I saw that the entire DFPC lineup was being replaced by the c-marc cables and the LessLoss website specifically states that the c-marc cables are a step above the DFPC reference cables, so I decided to purchase the c-marc large bulk wire after realizing that I can replace the wiring inside my Philharmonic 3 speakers.

When the large bulk wires arrived I started by replacing the 2-3 feet of cabling(only one speaker) attached to the Raal tweeter and BG neo 8 planar mid at the top cabinet which attaches to the bottom cabinet through a binding post. I haven't at this point replaced the wiring for the mids and highs in the bottom cabinet going to the crossover and then going to the binding post in the back(where I place the speaker wire). I haven't changed the wiring for the woofer either.

I'm going to start off by saying that I was very much unprepared for the difference in sound that I heard between the couple feet of regular wiring and LessLoss c-marc wiring that I soldered to the mid & high frequency driver. I was impressed to NO END! In terms of sound quality, LessLoss c-marc reminds me of the AHB2 amplifier that I recently purchased from Benchmark Media, which are absolutely the highest SNR, lowest noise, most athletic and transparent amplifier I've ever heard, very highly recommended if you're looking for a stellar amp. I know it's probably odd to compare cables to an amplifier although these are the second product I purchased that I can honestly say I had to hold back tears of joy when I heard the difference it was making(lol, don't judge me). As I was listening to music in my Spotify account I immediately heard a much more real, convincing and "you are there" type of sound. To be honest, I'm not sure how to say this, but the music seemed so much more vivid to the point where I didn't just hear the music but I can almost feel the music. The resolution is much higher as i'm hearing a lot more low level details, all the various sounds in the sound stage are much more delineated and spaced apart and even the emotions in the singer's voices are brought out which was shocking to me. Many reviewers talk about a veil being lifted, well I have to tell you that with this cable, many veils are lifted and transparency is to the point where no joke these cables sound like there are no cables at all. The overall impression that I get from how the LessLoss cables physically handle the signal is that the cables transport the signal very faithfully and accurately and strip off insane amounts of noise to the point where the signal seemingly has no noise at all, while adding absolutely 0 color to the sound. In terms of the sound stage, it is definitely wider and deeper. This is my impression of the mid and highs. The only down side to this was that there was an audible difference between the bass frequencies and the mid/highs and there was a discrepancy between my now modded left speaker and my un-modded right speaker , although the next day I replaced all the cabling going from the binding post in the back going to the crossover and to the woofer and I definitely noticed how the woofer opened up just like the other drivers. The bass was more transparent, higher resolution/ delineation between sounds, tighter response and larger sound stage.

In conclusion I'd like to say that the c-marc cables without a doubt, have the highest SNR of any cable I have ever heard, are dead silent and achromatic! They are absolutely the most vivid, clear, accurate and lifelike sounding wires I've heard and they make my speakers sing! These are definitely my new favorite cables and will in time replace all my cabling in my audio system with LessLoss c-marc cables. If you're tired of your system sounding hifi and want your audio system to sound truly real and "you are there" please stop contemplating and purchase a c-marc cable right now! YES they will most certainly make a more audible difference than a whole lot of gear(and I'm not talking about other cables) that's on the market. If ever there were a perfect cable, MAKE NO MISTAKE this most certainly would be it!

ps. I will be making another review when I replace the wiring inside both speakers as well so please stay tuned!

**Date Added: 05/30/2018 by Christian M.**

Several times, I have purchased C-MARC hook-up wire, mostly the small size (\$30/m), to build DIY cables (1m or 1.5m length) for power supply. I use such cables to connect DAC, Preamp, Tuner, and USB S/PDIF in my system. The power amps use the large size (\$80/m). The idea is to lower the noise self-generated by the system components.

The result is exceptional. Each device is truly supply isolated. The soundstage is enormously large and deep, with dark silence as a backdrop for the music, and beautiful and musically intricate attacks and decays.

I also use the same DIY cables for my computer (USB, S/PDIF) and my streaming device, isolating such devices as computer, screen, router, switches, NAS etc... The result is so exceptional that there are no more errors on streaming music provided by the computer or streamed from my NAS. The level of detail is outstanding.

The result is also quite astonishing on SMPS devices (even iFi audio devices - very low noise on output side) suppressing the noise on the main supply side.

By using these C-MARC based DIY cables, the noise level (generated by the devices themselves) between the devices has completely vanished.

I use one C-MARC power cable followed by a Firewall 5X for the power coming from the wall. This filters the noise coming from outside my system.

So I think people can really get a lot out of your technology and there are many more applications to consider.

Happy to inspire you to consider expanding your assortment.

**Date Added: 11/16/2017 by Sven Boenicke**

In such a moment I am happy to not be a cable company. I consider this wire to be a major problem for them. There seems to be so much right about it. Congratulations on this superbly intelligent design.

Sven Boenicke  
Boenicke Audio