

Speaker Cable Comparison Event

Review by David Das

I had the pleasure of attending the Speaker Cable Comparison Event on Saturday, August 22, 2026 at the Faith Lutheran Church.



The expansive Parish Hall measuring 25' wide by 76' long with a 9' high ceiling was once again chosen for this event.



Club Treasurer and Vice President **Paul Johnson** and Steering Committee member **Joe Roberts** arrived early at 10am to set up the gear. Soon after Club President **John Harvell** and Club Secretary **David Snyder** came in to help with the calibration and configuration of the equipment.

It was a bright sunny day, perfect for spending a relaxing afternoon listening to audiophile tracks using different sets of speaker cables.



David Snyder once again brought his mobile streaming gear powered by the latest iteration of his Diretta Network Audio Transport Protocol.

This was the equipment list:

- **Loudspeakers:** Fritz Carrera 7 BE monitors, a 7 inch 2-way design. These have been replaced by the Fritz [REV 7 SE](#), which has very similar specs and parts. A notable difference is the tweeter; the 7 famously uses the Transducer Lab N28BE.
- **Stands:** Sanus SF26 26" Steel Foundations® Series, mass-loaded with play sand.
- **Amplification:** Benchmark [AHB2](#)
- **Preamp:** [Benchmark HPA4](#)
- **DAC and Active Crossover:** miniDSP [Flex Balanced](#)
- **Subwoofer:** SVS [3000 Micro R|Evolution](#)
- **Network Audio Transport:** [Diretta Host + Target](#)
- **Media Server:** Roon, running on a GMKtec [G3 Pro](#) mini PC
- **Travel Router:** GL.iNet [GL-AR750S-Ext](#) (Slate)

David high-passed the Fritz Carrera 7 BE monitors by implanting a 24 dB/octave Butterworth high-pass filter in the miniDSP Flex at 80 Hz. He put the SVS subwoofer in "LFE" mode, bypassing its internal low-pass filter so that he could use a complementary 24 dB/octave low-pass filter, also present in the miniDSP.

DSP internal to the SVS remains in the signal path even in LFE mode, which adds a few milliseconds of latency.

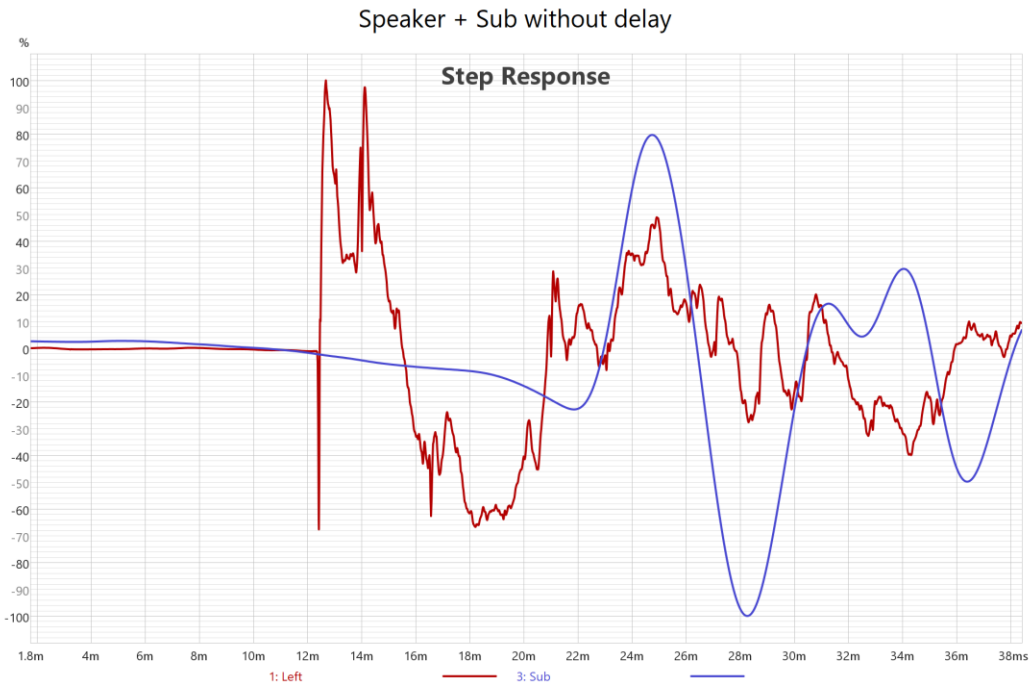
David intentionally placed the sub near a room boundary (the front wall), which added a few more milliseconds of delay due to greater physical distance from the listening positions.

To compensate for this, David had to delay the signal going to the Fritz monitors, but by how much?

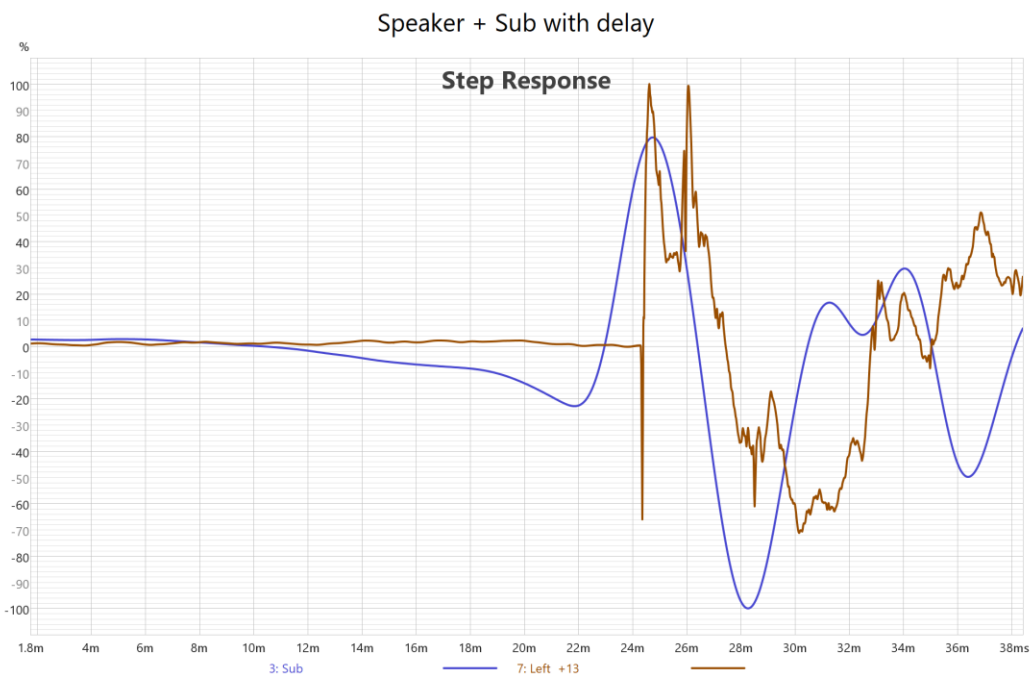
To solve this, David used a [Topping E2x2 OTG](#) Professional Audio Interface and a calibrated [iSEMcon EMX-7150](#) microphone to measure the impulse response from the mains and the sub.

This involved running a short TRS cable from one of the outputs on the audio interface directly to the input on the same channel.

Using the overlays feature in REW, he was able to count how many milliseconds sound from the mains arrived ahead of the subwoofer.



In the plot above, you can see that the signal from the left speaker arrived at the microphone about 13 ms ahead of the subwoofer. So, adding 13 ms of delay caused it to arrive at the same time as the subwoofer, which also reduced the phase cancellations.



More can be done with time and phase alignment using more sophisticated DSP, but this only took a few minutes and resulted in excellent integration for most seats in the church.

These were the [Fritz Carrera BE](#) monitors featuring a 7" ScanSpeak Revelator mid-woofer and a Transducer Lab N28BE high-end pure Beryllium dome tweeter resting on the [Sanus SF26](#) 26" Steel Foundations® Series speaker stands.



Here is the rear view of the ported Fritz Carrera BE monitors.



This was the [SVS 3000 Micro R|Evolution](#) 1,200 W Powered Subwoofer with Dual Opposing 9" active drivers.



This was the [mini DSP Flex](#) 2x4 Digital Audio Processor.



This was the [Topping E2x2 OTG](#) Professional Audio Interface.



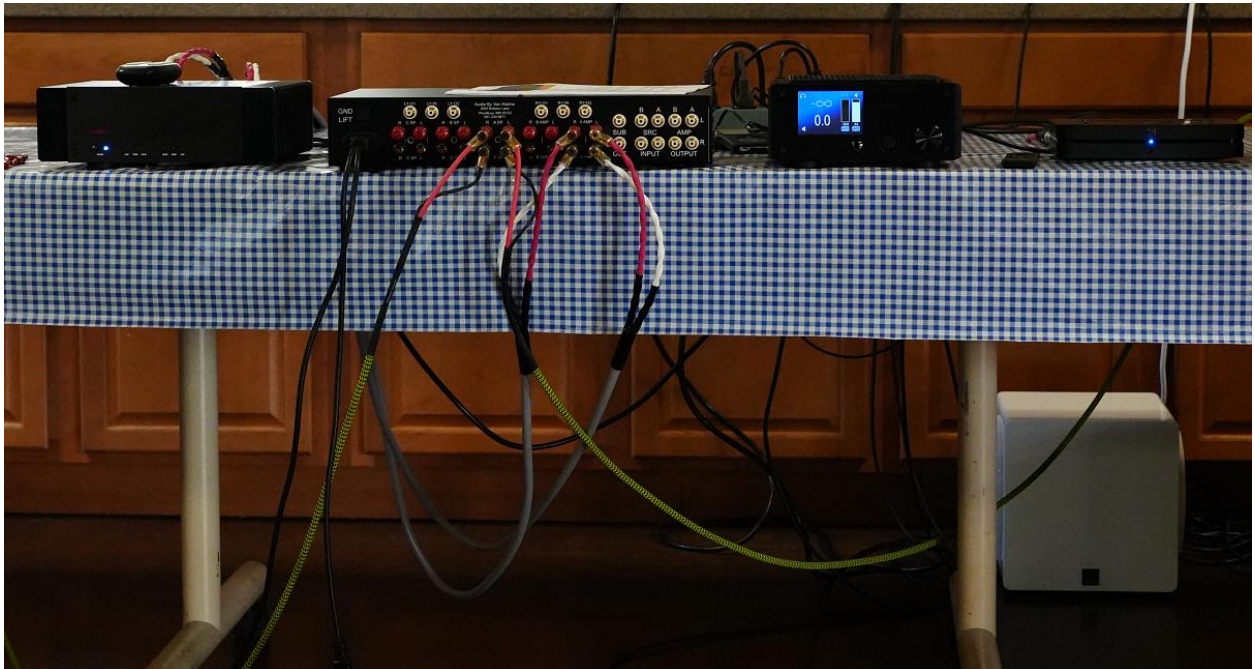
This was the [iSEMcon EMX-7150](#) omnidirectional measurement microphone in its hard shell protective casing.



David Snyder used this high-end calibration microphone to blend in the bass response of the SVS 3000 Micro R|Evolution powered subwoofer with the Fritz Carrera BE monitors.



Here is a photo of the SVS subwoofer placed against the front wall.



This was the [Benchmark AHB2](#) 100W stereo Class AB power amplifier provided by Paul Johnson.



This was the [Benchmark HPA4](#) Headphone/Line Amplifier also provided by Paul Johnson.





The star of the show was this [Audio by Van Alstine ABX Comparator Switch](#) graciously loaned by Paul Johnson. He has two of these units.



This switchbox can compare different sources, preamps, amps and speakers with the touch of a button on the remote. This device helped us hear the differences between two sets of speaker cables instantly as Paul switched back and forth using this remote.



Audio by Van Alstine ABX Comparator Switch User Manual Rev 6/30/18



The ABX Comparator Switch allows seamless switching between two sources, two power amps, and three sets of speakers. Some of its features are:

- Precise volume level matching, in 0.1 dB increments.
- Infrared remote control.
- Blind test mode.
- Line level subwoofer support with built in selectable subwoofer filter.
- Programmable power up state and persistent volume settings
- Works with single ended or bridged amplifiers (ABX boxes displaying a date later than 06-05-14)

Note that any ABX box displaying a date of 06-05-14 or earlier at power up used a common ground throughout the switch. These cannot be used with bridged amplifier designs. Also, extreme care must be used with these older ABX Comparators to ensure correct speaker cable polarity, as a dual banana plug flipped around between the ABX switch and the amplifier output will connect ground to the positive amp output and could result in catastrophic amplifier damage.

Current ABX boxes displaying a date later than 06-05-14 do not have common speaker grounds and have been designed to allow safe use of non-single ended amplifiers (bridged amplifiers). Output polarity reversal, while still important for phasing issues, will not short amplifier outputs.

Connections Setup

All line level signals connect with interconnect cables terminated with RCA plugs. **Speaker level signals** connect with speaker cables terminated with dual banana plugs for easiest use.

A line level signal is around 1 to 2 volts AC. It is the typical signal level that comes out of a high level source like a CD player, phono preamplifier, or tuner. It is also the typical signal level used to connect a pre-amp to a power amp.

The ABX Switch was designed to “drop in” to a system set at **normal** listening levels (or slightly louder) and then adjust those levels **slightly** to achieve equal volume settings for all components.

Here you see the Benchmark ABH2 Power Amp, ABX Comparator Switch and the Benchmark HPA4 Headphone/Line Amplifier spread out on the table.



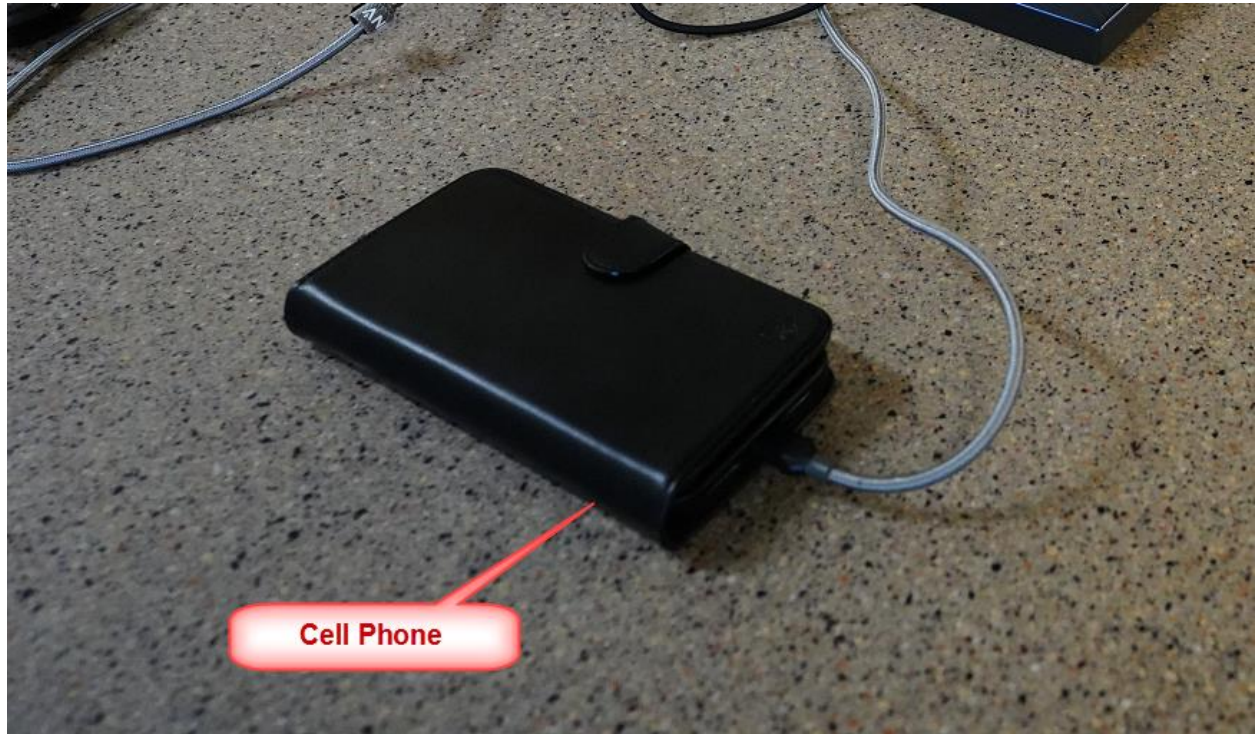
These were the measurement tools to test the gear and position the speakers.



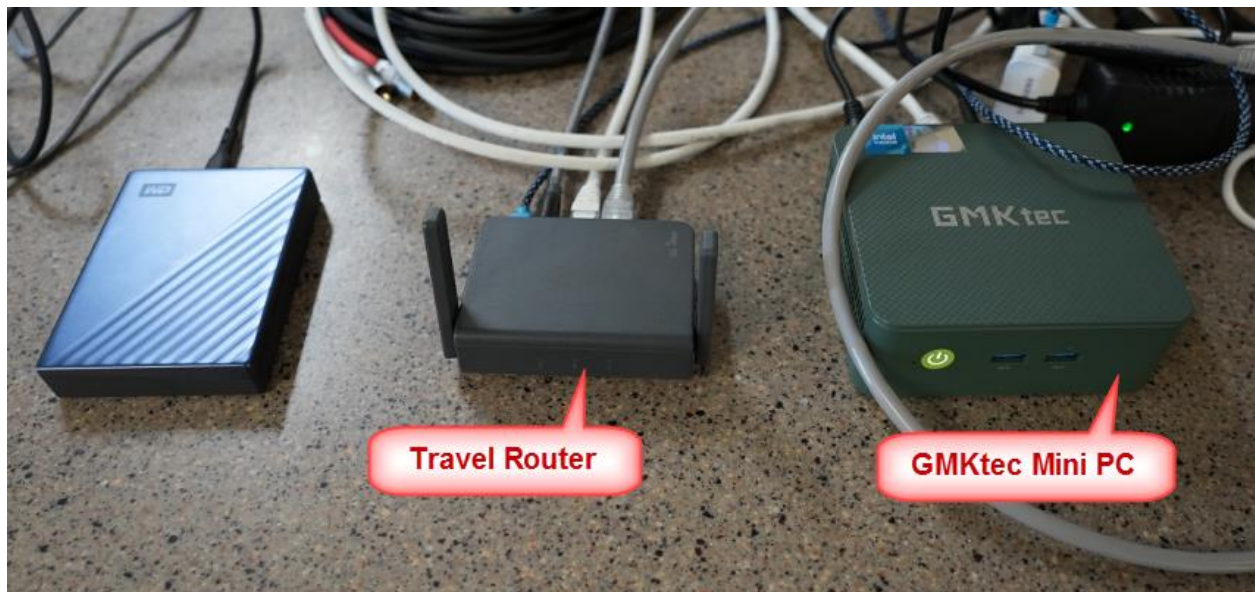


David Snyder's Diretta Network Audio Transport Setup

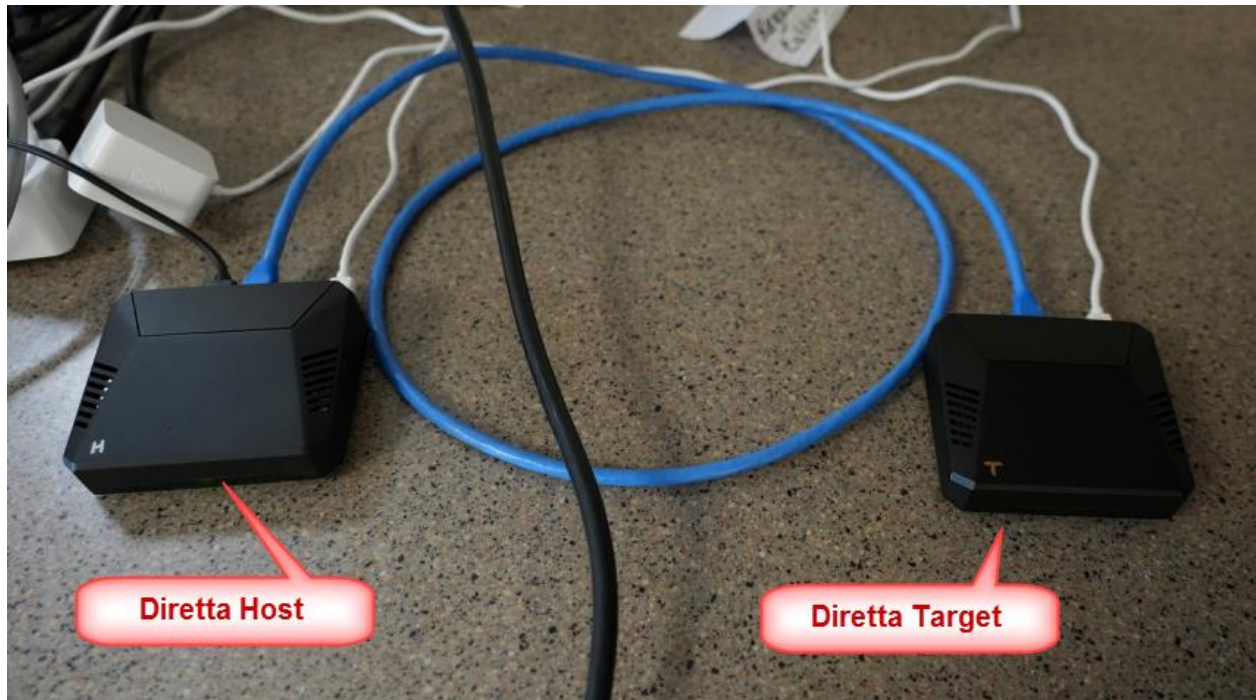
Here are some photos of the equipment that David brought to the event and had it configured to set up the Diretta Audio Transport Protocol. David's cell phone provided the Internet access.



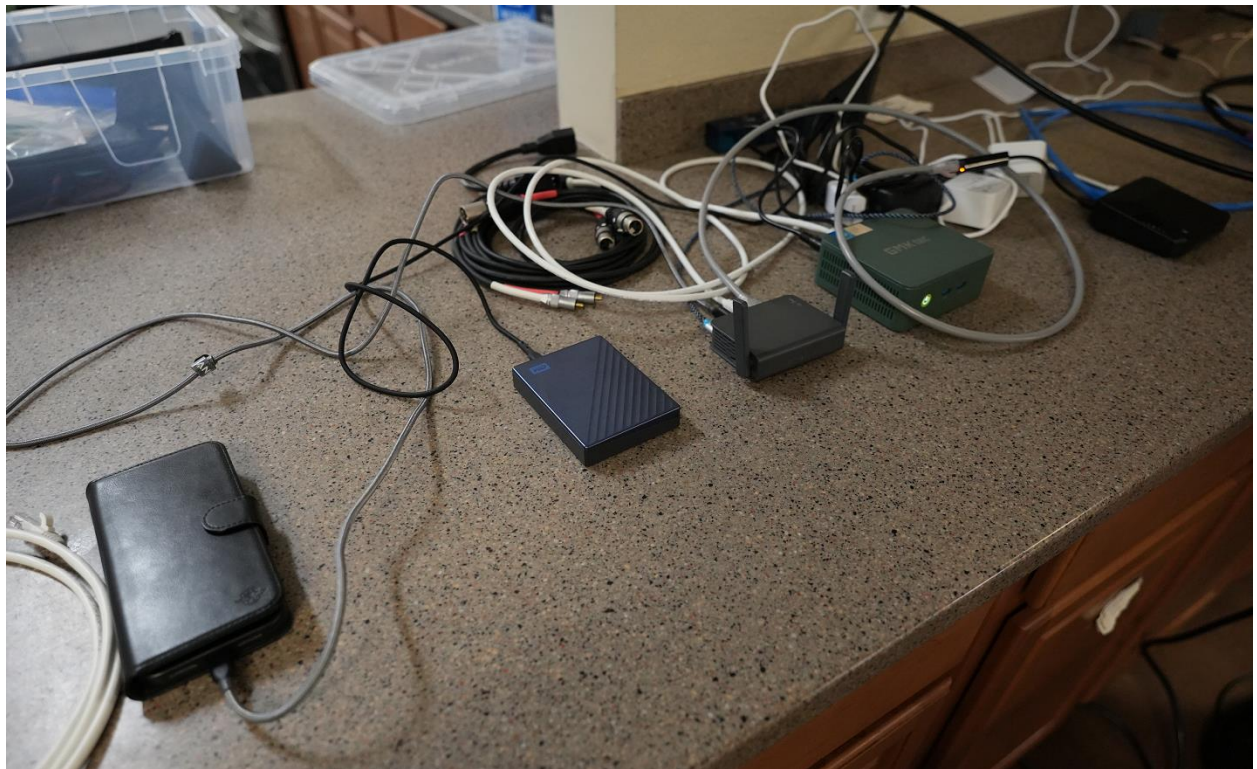
Here is a picture of the GL.iNet [GL-AR750S-Ext](#) Travel Router and GMKtec [G3 Pro](#) mini PC running the Roon Server.

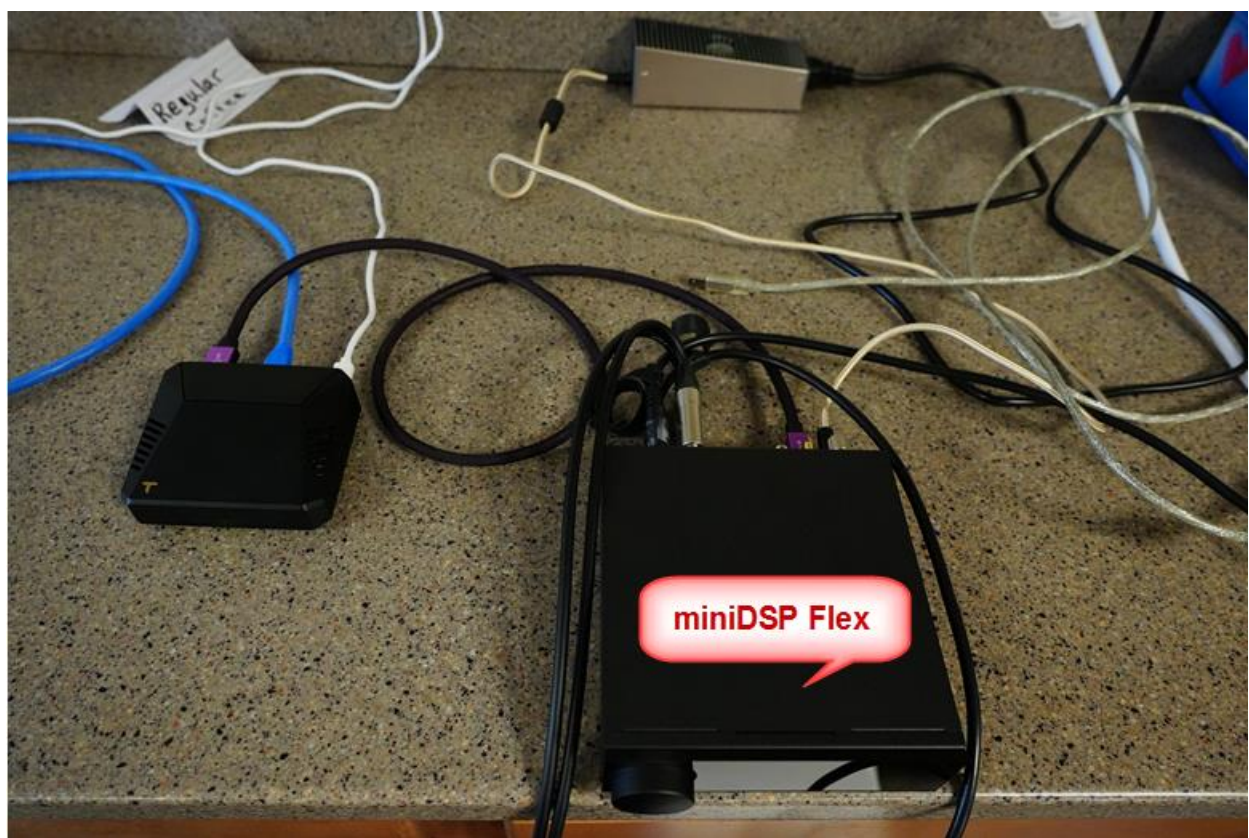
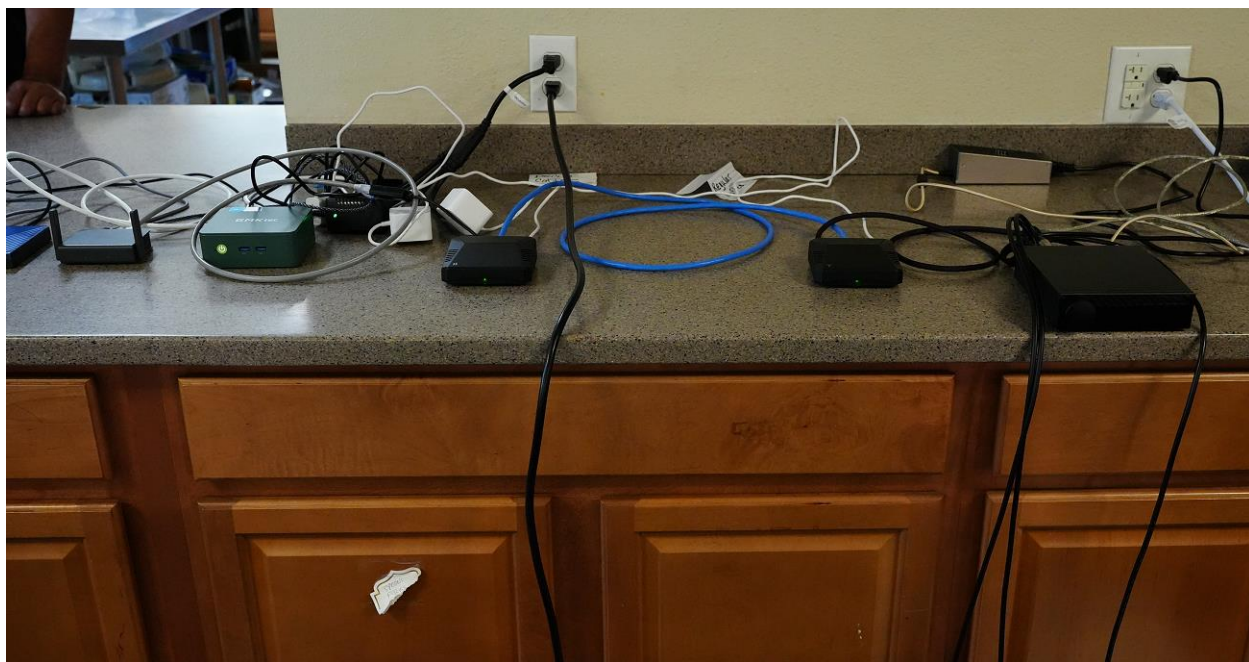


These were the Diretta Host and Target devices running on Raspberry Pi computers.



Here is how the components were spread out to minimize any interference.

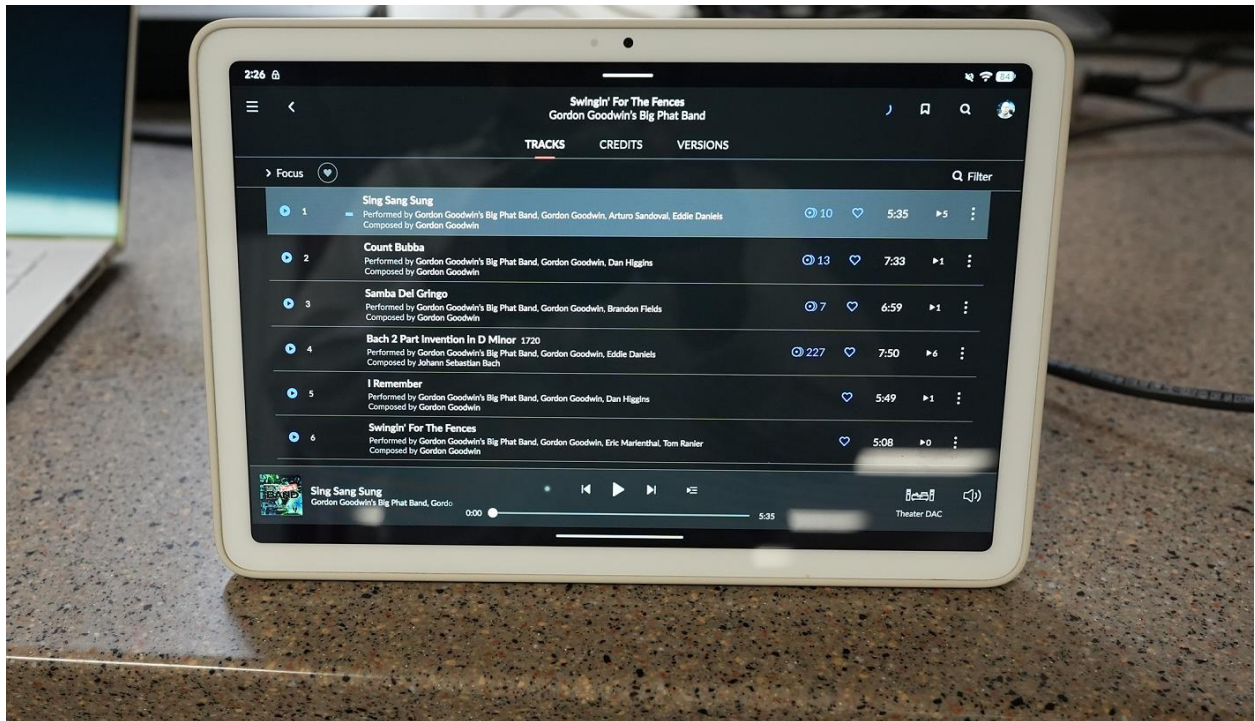




David brought his Dell XPS15 Windows 11 Laptop for configuring and testing the network.



David used his Google Pixel Tablet to run the Roon Remote App.



David has a comprehensive tutorial on how to assemble and configure Diretta.

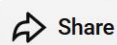
<https://www.youtube.com/watch?v=la5Pg-F8M4c>



Diretta Assembly and Bootstrapping



David Snyder
725 subscribers



This is the best video tutorial on the Internet that explains step-by-step the entire process of building your own dual Raspberry Pi Diretta Endpoint, bootstrapping the software, flashing the images and configuring Roon to play music.

Club Newsletter Editor **James Welby** went through this tutorial and was able to configure his own Diretta Audio Transport Protocol in his music system.

You can read my [55-page review](#) of the benefits of implementing the Diretta Audio Transport Protocol in your streaming network presented by David Snyder on August 28, 2025. It includes the cost breakdown of every option with clearly labeled connection diagrams.

David has also published detailed setup instructions that are easy to follow and broken down by chapters. This is truly a work of passion.

<https://diretta.diy/setup/>

AnCaolas Link Setup Instructions

Diretta Setup Instructions — Raspberry Pi 5

Welcome to the AnCaolas Link

What You'll Need

How to Use This Guide

Setup Instructions

Your Web UI: The Control Center

Choose Your Music Server

Roon Bridge Option

Roon Configuration and Trial Information

UPnP Option

Activating Your Full Diretta Target License

Diretta Setup Instructions — Raspberry Pi 5

Welcome to the AnCaolas Link

You're about to build a two-box network audio bridge that will very likely be the best-sounding way you've ever fed your DAC. You'll buy the parts and put them together yourself — and the part that would normally take weeks, getting Linux tuned and the Diretta protocol configured correctly, is already finished and waiting on the two images you downloaded.

The name "AnCaolas" (pronounced un-KOEU-less) is derived from Scottish Gaelic, meaning "The Narrows" or "The Strait." It reflects the design's core architecture: creating a narrow, isolated, and protected channel for the audio signal.

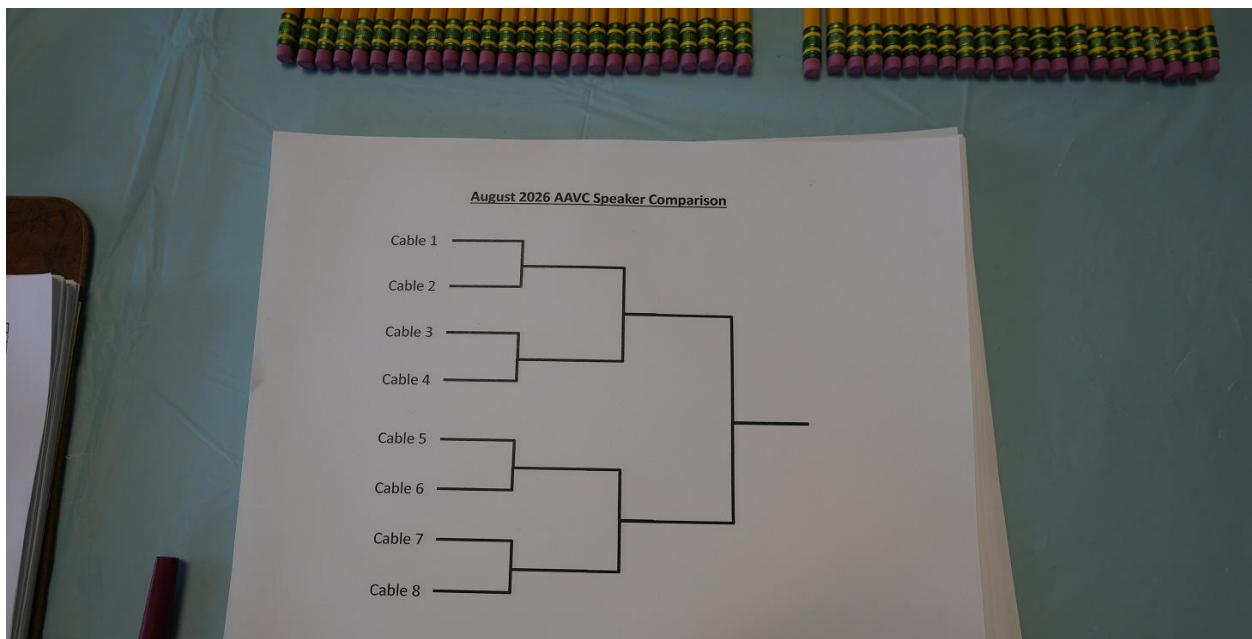


Speaker Cable Comparison Results

Everything was configured, tested and ready to go by 2pm. We had a full house.



Club President **John Harvell** handed out pencils and evaluation sheets to every member.



We had a large collection of speaker cables at various price points to compare.



Due to time constraints we decided to limit our comparisons to these 8 set of speaker cables:

- Mogami W3082 Coaxial Speaker Cable (14ga)
- Mogami W3104 Star Quad Speaker Cable (8ga)
- GR Research 24 conductor Kimber-like-cable with cotton core (8ga)
- GR Research 24 conductor Kimber-like-cable with PTFE air core (8ga)
- Audioquest Rocket 88 (15ga)
- Morrow Audio SB7 – 1152 SSI Wires
- WireWorld Solstice 52 (12ga)
- MG Audio Design Planus Speaker Cables

Round-1

We compared this pair:

- [Mogami W3082](#) Coaxial Speaker Cable (14ga)
- [Mogami W3104](#) Star Quad Speaker Cable (8ga)

Here is a picture of the Mogami W3082 Coaxial Speaker Cable.



Here is a picture of the Mogami W3104 Star Quad Speaker Cable built by Paul Johnson.



We compared excerpts from this audiophile track:

Her Mercy – Glen Hansard



Paul Johnson had a set of audiophile tracks cued up to best test the sonic variance between speaker cables. This was the first track.

I was shocked to hear the difference between the Mogami Coaxial and Mogami Star Quad Cables. The Coaxial cables sounded muffled and lifeless. The Star Quad was the clear winner. The decision was unanimous.

Ravi Velnati shared his thoughts on the Mogami 3082 Coaxial Cables. These cables are specifically made for Electrostatic Panels.

ESLs are capacitive loads, fundamentally different in how they interact with amplifiers through speaker cables compared to cone or ribbon speakers, which present resistive loads.

Here is a [Technical White Paper](#) from Roger Sanders explaining how Electrostatic Panels appear as a Capacitor to an amplifier or speaker cable as opposed to magnetic speakers that appear as a combination of a Resistor and Inductor. It is not surprising why speaker cables for ESLs have different requirements than those for magnetic speakers.

The Mogami 3104 Star Quad Speaker Cables are designed for magnetic speakers while the Mogami 3082 Coaxial Cables work best with ESLs.

Round-2

We compared this pair:

- [GR Research 24 conductor](#) Kimber-like-cable with cotton core (8ga)
- GR Research 24 conductor Kimber-like-cable with PTFE air core (8ga)

Here is a picture of the GR Research 24 Conductor Kimber-like-cable with a cotton core built by Joe Roberts.

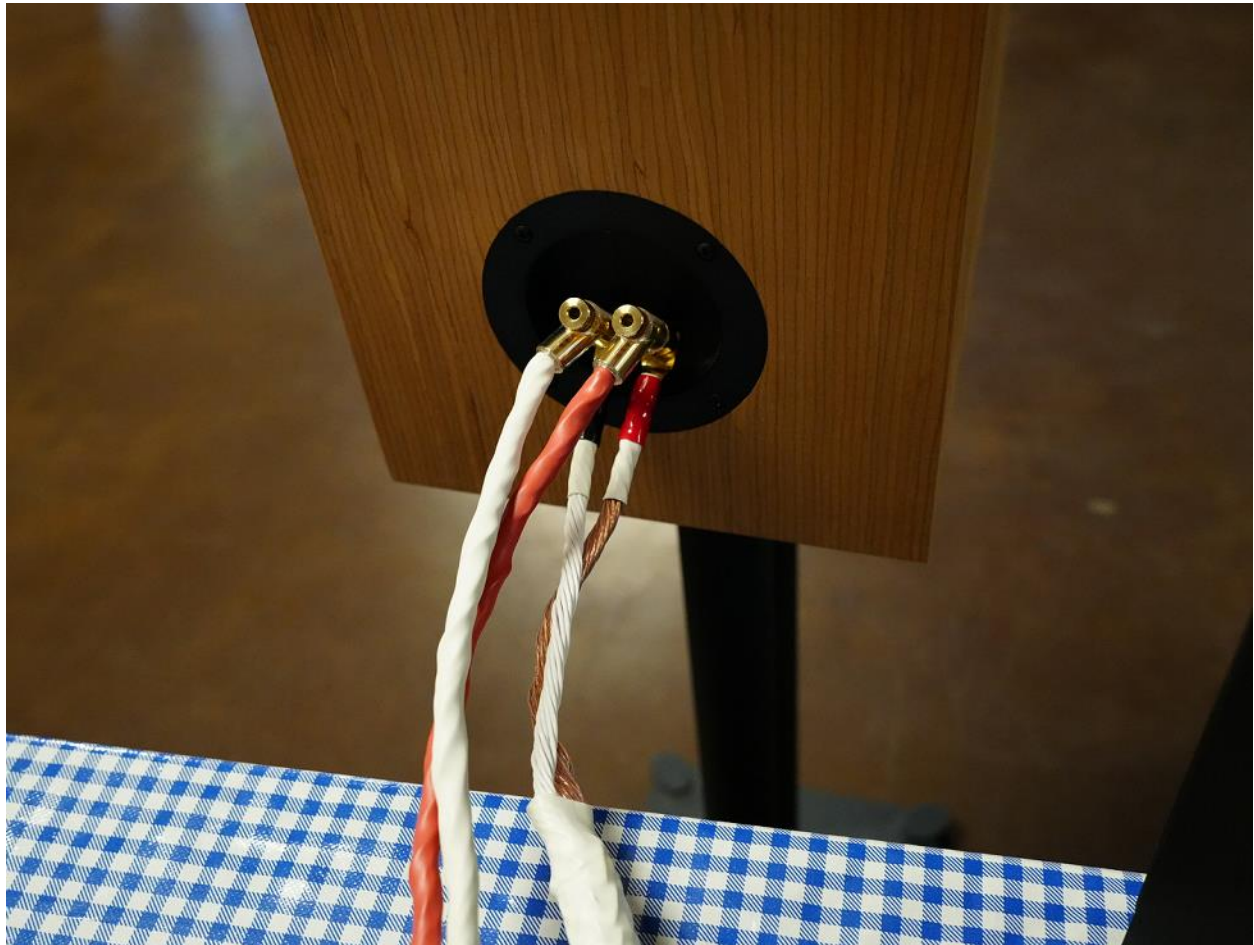


Here is a picture of the GR Research 24 conductor Kimber-like-cable with a PTFE air core built by Paul Johnson.

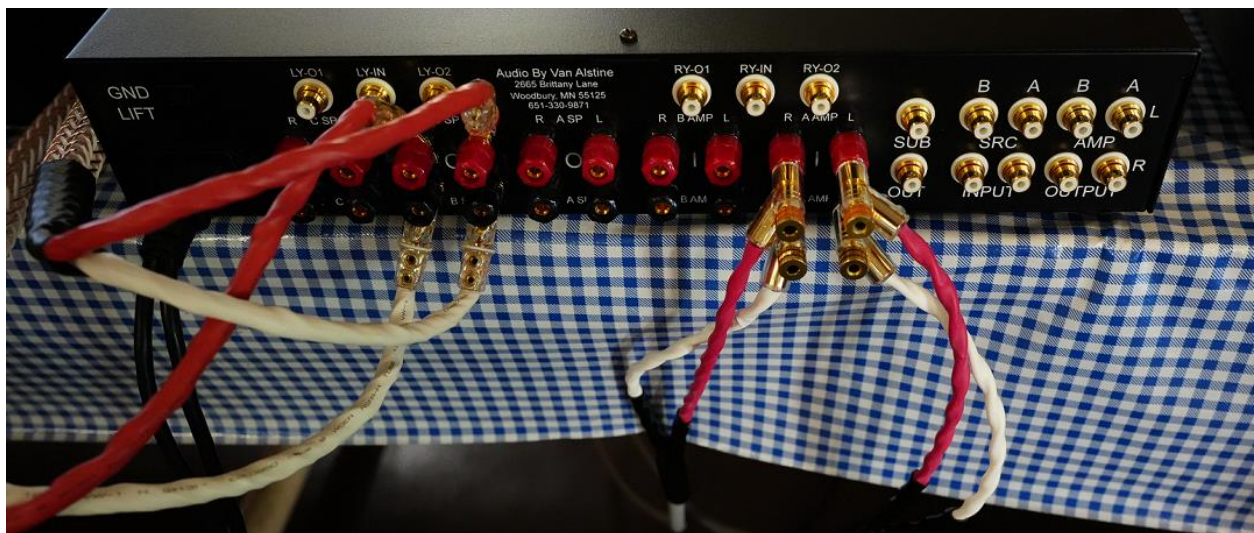


Since the core is made of a hollow plastic tube, it is not as flexible as the cotton core version.

Here is an example of how the two sets of speaker cables were connected to each speaker.



Here is how the two sets of speaker cables were connected to the ABX Comparator Box.



We compared excerpts from this audiophile track:

Sing Sang Sung – Gordon Goodwin's Big Phat Band



This is a densely orchestrated Big Band track with lots of dynamics and quick transients. It was the perfect test track to bring out the subtle differences between these almost identical pair of speaker cables.

I preferred the sound of the GR Research 24 conductor speaker cable with the cotton core built by **Joe Roberts**. It had just a tad more sparkle and clarity.

The GR Research 24 conductor speaker cable with a PTFE core built by Paul Johnson had more warmth and bass.

The GR Research 24 conductor speaker cable with the cotton core won the 2nd round by a slim margin. I guess it all comes down to personal preference whether you like a bit more sparkle or a bit more warmth.

John Harvell has tried both cables on his high resolution audio system. He found the GR Research 24 conductor speaker cable with the PTFE core to be better sounding.

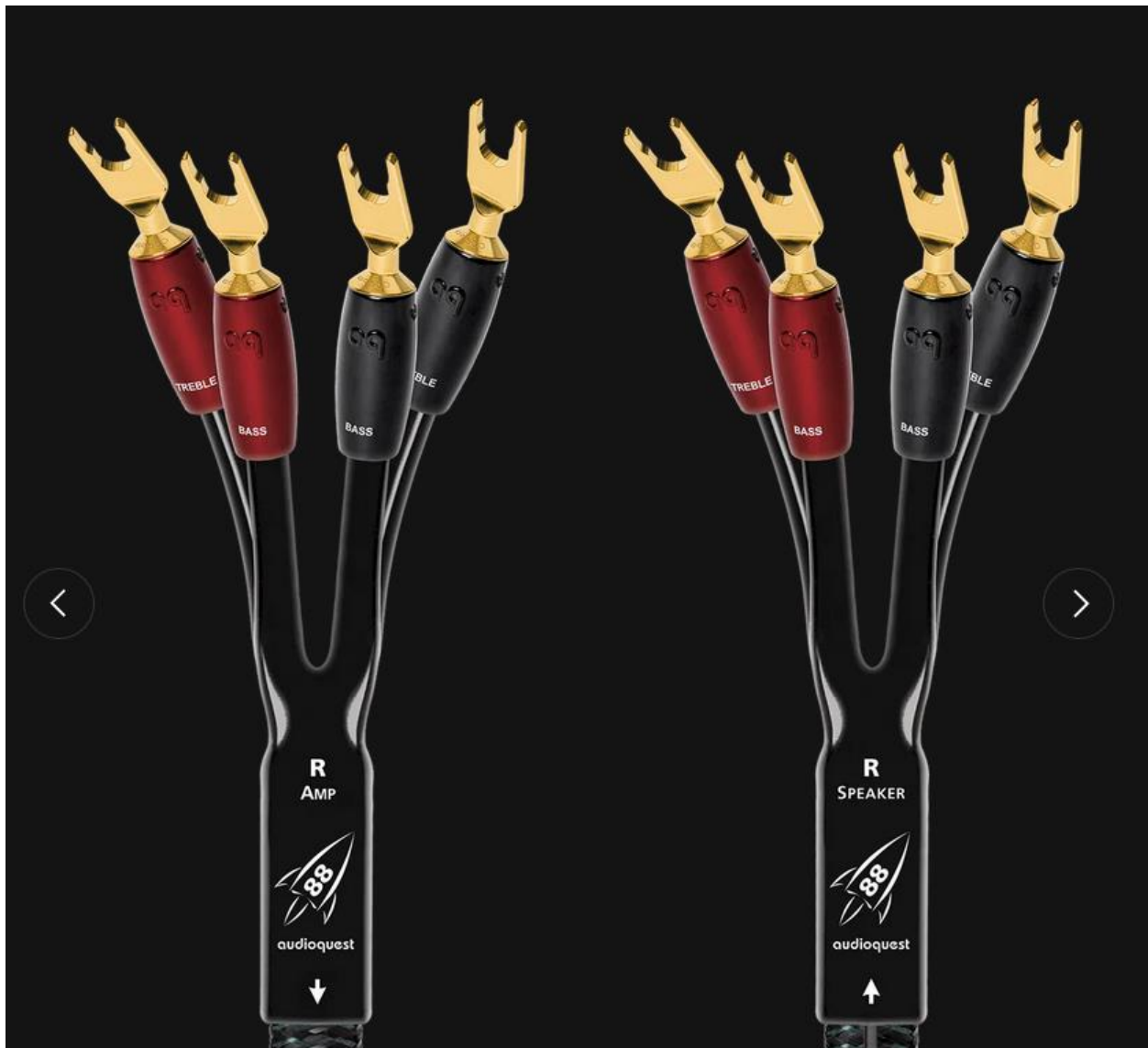
However, the PTFE core also makes the cables rather stiff. John mentioned that the cotton core may be a better option if flexibility is a factor.

Round-3

We compared this pair:

- [Audioquest Rocket 88](#) (15ga)
- [Morrow Audio SB7 – 1152 SSI Wires](#)

Here is a picture of the Audioquest Rocket 88 speaker cables with spade connectors.



Here is a picture of the Morrow Audio SP7 Speaker Cables made with 1152 SSI wires.



We compared excerpts from this audiophile track:

Désert blanc - Nicolas Parent trio



Both the Audioquest Rocket 88 and the Morrow Audio SB7 sounded almost identical to me as Paul Johnson switched back and forth between the two.

The Audioquest Rocket 88 speaker cable costs \$50/ft. It is expensive. Typically an 8' pair with terminators will cost around \$900.

The Morrow Audio SB7 speaker cables costs around \$1,500 for an 8' pair. It is even more expensive!

It would be wise to buy the cheaper one.

The Club Members voted the Audioquest Rocket 88 to be the winner in Round 3.

Round-4

We compared this pair:

- [WireWorld Solstice 52](#) (12ga)
- [MG Audio Design Planus](#) Speaker Cable

Here is a picture of the WireWorld Solstice 52 Speaker Cable.



Here is a picture of the MG Audio Design Planus Speaker Cable.



We compared excerpts from this audiophile track:

Missed (Remastered) – Ben Allison



The WireWorld Solstice 52 speaker cables can be purchased in bulk for \$50/meter.

The MG Audio Design Planus speaker cables retail for around \$1,500 for a 6' pair.

The Club Members voted the MG Audio Design Planus Cables to be the winner in Round 4.

Round-5

We compared this pair:

- [Audioquest Rocket 88](#) (15ga)
- [MG Audio Design Planus](#) Speaker Cable

We compared excerpts from this audiophile track:

Celestial Echo – Malia & Boris Blank



This was the perfect test track to evaluate the clarity and dynamics.

The MG Audio Design Planus speaker cables were voted to be the winner in Round 5.

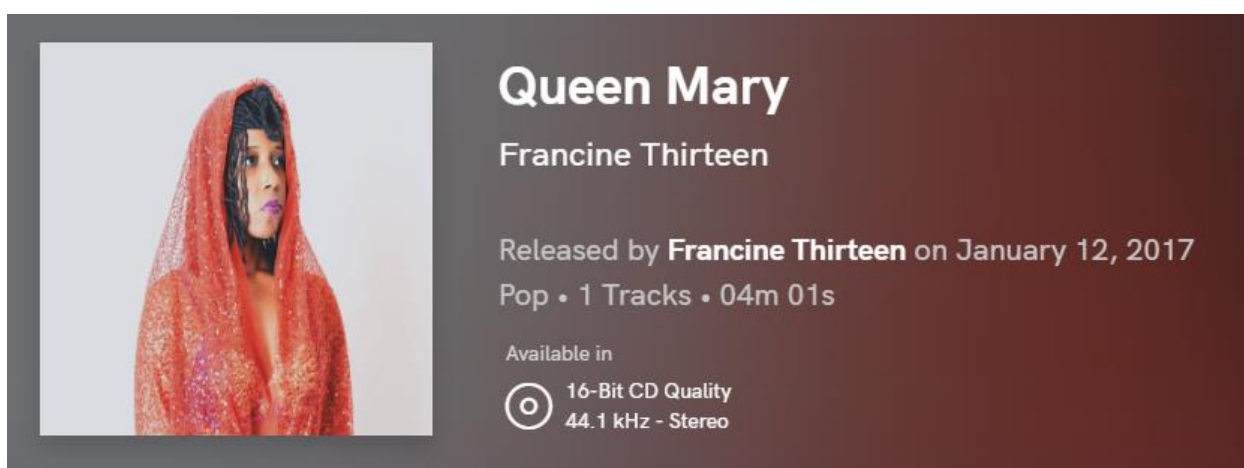
Round-6

We compared this pair:

- [Mogami W3104](#) Star Quad Speaker Cable (8ga)
- [GR Research 24 conductor](#) Kimber-like-cable with cotton core (8ga)

We compared excerpts from this audiophile track:

Queen Mary – Francine Thirteen



This was yet another excellent test track chosen by Paul Johnson to bring out the subtle differences between two highly regarded speaker cables.

The GR Research 24 conductor speaker cable with the cotton core was the clear winner. It had more sparkle, definition and dynamics. It felt more transparent.

It would certainly make sense to upgrade from the Mogami W3104 Star Quad speaker cables (\$6.81/ft) to the GR Research 24 conductor cotton core speaker cables (\$13.75/ft) to extract the last bit of performance gain.

Round-7

We compared this pair:

- [MG Audio Design Planus](#) Speaker Cable
- [GR Research 24 conductor](#) Kimber-like-cable with cotton core (8ga)

We compared excerpts from this audiophile track:

Thanks to You – Boz Scaggs



I was very curious to hear the results of round 7. I was sitting at the exact same sweet spot throughout the evaluation rounds. I wanted to know if the \$13.75/ft GR Research Cable could match the expensive MG Audio Design Planus Speaker Cables.

I thought they sounded the same. This was an instance where you really needed to compare these cables on an ultra-high end system like the one John Harvell has. The system we were listening to lacked the refinement for judging the ever so minute differences between the top two contenders.

When the votes were tallied, the MG Audio Design Planus Speaker Cables were declared to be the winner by a slim margin.

The Winner

The winner was MG Sound Design Planus Speaker Cable.



Playlists

David Snyder was kind enough to provide a playlist of all the songs we listened to at the event both before and during the speaker comparison.

Album Artist	Album	Track#	Title
Carla Bley/Steve Swallow/Andy Sheppard	Life Goes On	2	Life Goes On: On
Espen Eriksen Trio With Andy Sheppard	Perfectly Unhappy	7	Revisited
Donald Fagen	Kamakiriad	7	On the Dunes
Abdullah Ibrahim & Ekaya	Sotho Blue	1	Calypso Minor
O-Zone Percussion Group	O-Zone Percussion Group: Bamba (La)	10	Jazz Variants
Daryl Hall & John Oates	Rock 'n Soul, Part 1: Greatest Hits	2	Sara Smile
Miles Davis	Kind of Blue	2	Freddie Freeloader
Mannheim Steamroller	Fresh Aire III	1	Toccata
Frederick Fennell	Holst, Handel, Bach, Sousa & More	2	Suite No. 1, for military band in E flat major, Op. 28/1, H. 105: Intermezzo
Jacintha	Jacintha Is Her Name (Dedicated to Julie London)	5	Light My Fire
Yello	Touch Yello (Deluxe)	9	Kiss In Blue
Kenny Burrell	Midnight Blue (2012 Remaster)	1	Chitlins Con Carne (2012 Remaster)
Cody High	Kissing Street	9	Another Night
Till Brönner & Dieter Ilg	Nightfall	1	A Thousand Kisses Deep
Leonard Bernstein, Stephen Sondheim; Gustavo Dudamel	West Side Story (Original Motion Picture Soundtrack)	1	Prologue (From "West Side Story"/Score)
Cable Comparisons Begin			
Glen Hansard	Didn't He Ramble	4	Her Mercy
Gordon Goodwin's Big Phat Band	Swingin' For The Fences	1	Sing Sang Sung
Nicolas Parent trio	Mirage	3	Désert blanc
Ben Allison	Action Refraction (Remastered)	2	Missed (Remastered)
Malia & Boris Blank	Convergence	1	Celestial Echo
Francine Thirteen	Queen Mary	1	Queen Mary
Boz Scaggs	Dig	10	Thanks To You

David found all the tracks on Qobuz and came close on TIDAL and Amazon Music.

Here are the links:

Qobuz:

<https://open.qobuz.com/playlist/69076452>

TIDAL:

<https://tidal.com/playlist/71771c49-6f77-429d-aacd-a53e99954931>

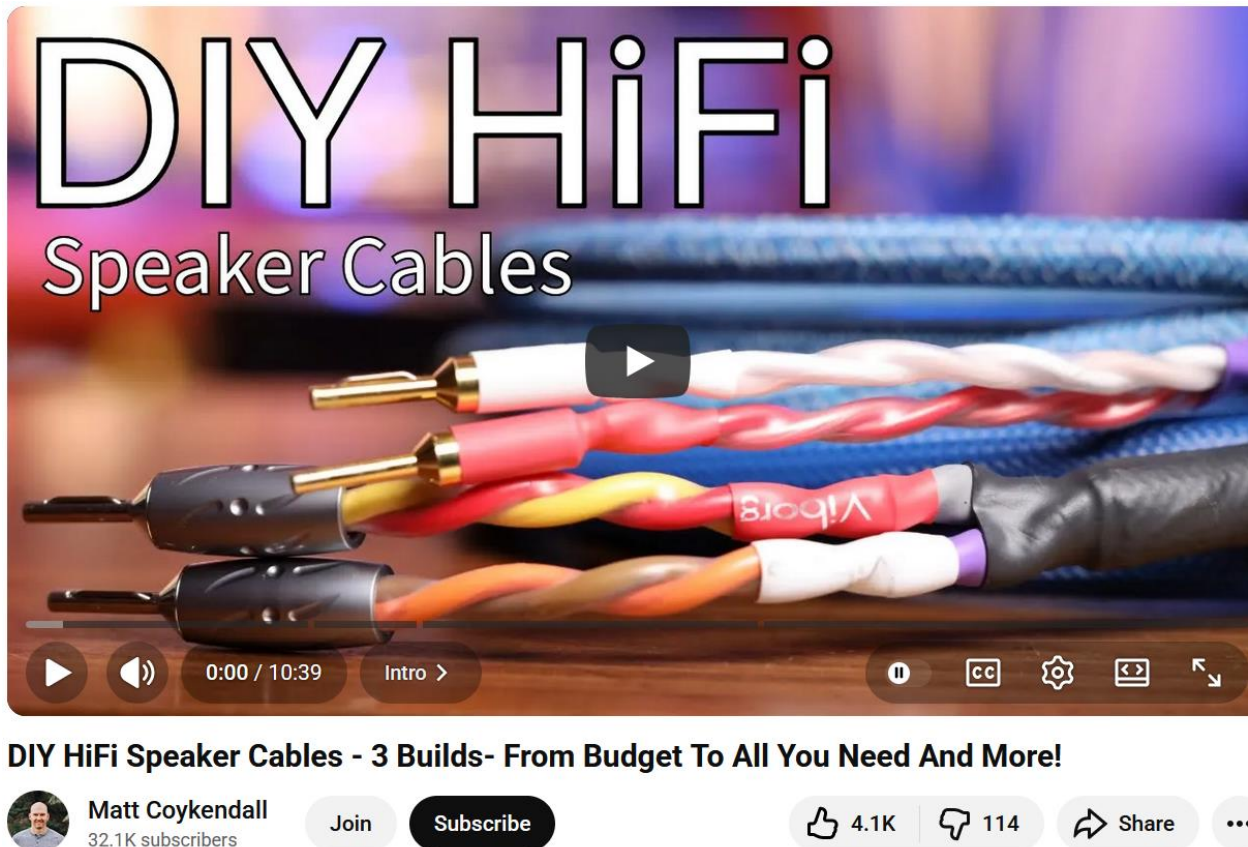
Amazon Music:

<https://music.amazon.com/user-playlists/f47a1b5934844bf296056abe1d83c26csune>

Building your own Speaker Cables

It is a relatively cheap and simple task to build your own Mogami W3104 Star Quad Speaker Cables. The works best with Magnetic Speakers. If you have ESLs you should use Mogami W3082 Coaxial Cables instead.

This YouTube video by Matt Coykendall has all the information you would need.



I ordered the Mogami W3104 Quad High Definition Speaker Cable from [Performance Audio](#). The price is reasonable. It is \$6.81 per foot.



Here is a tip. If you need 8ft per side, do not order a single run of 16ft. Instead order 2 runs of 8ft each. This will save you the trouble from having to splice this thick cable.

Performance Audio is located in Salt Lake City, UT. They delivered via USPS Ground Advantage in 2 days with free shipping.



I watched how well the Locking Banana Plugs worked in the custom speaker cables built by **Paul Johnson**.

I ordered these [Viborg Rhodium Plated Locking Banana Plugs](#) from Amazon.

Here is another tip. You need to purchase a set of **two packs**. Each pack comes with a pair of color coded locking banana plugs with a barrel large enough to accommodate the thick wires.



Here are the **6 essential tools** you would need:

[Heat Gun](#)

[Utility Knife](#)

[Measuring Tape](#)

[Wire Stripper](#)

[Wire Cutter](#)

[Scissors](#)



Step 1:

Use the **Utility Knife** to carefully peel off a 7" segment of the black outer jacket.

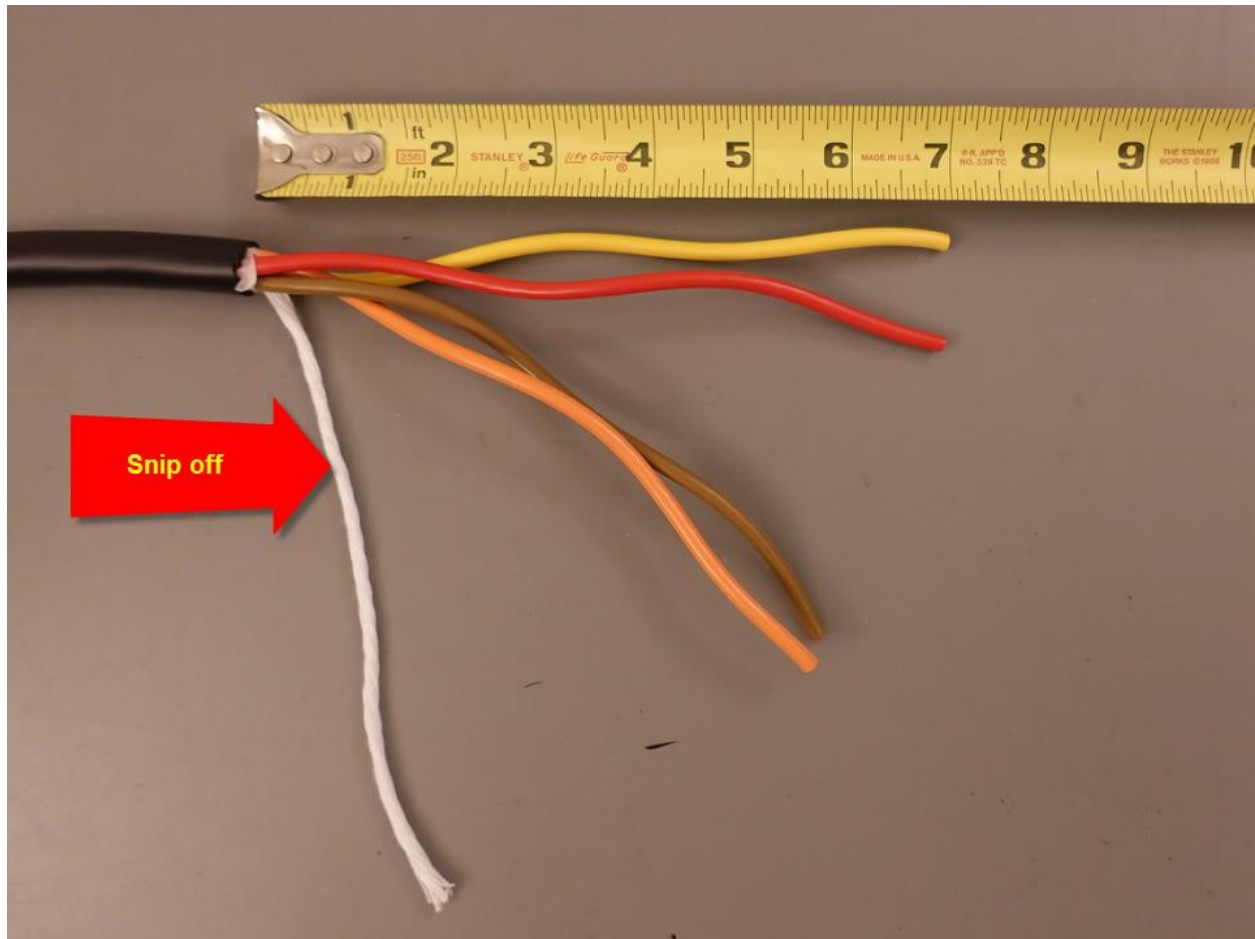


This would expose the red, yellow, orange and brown wires in a twisted quad configuration.



Step-2:

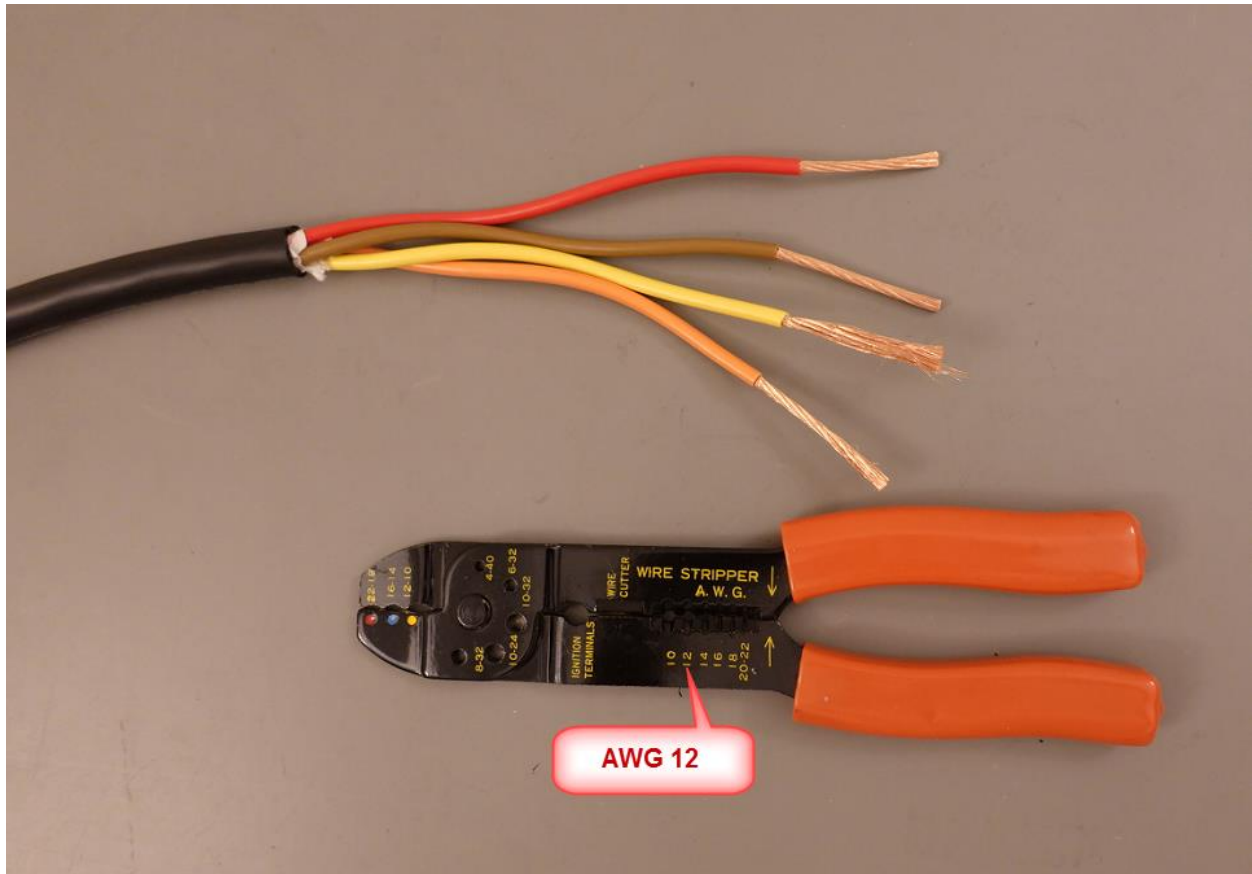
Snip off the white strands with your **Scissors**.



Step-3:

Use the AWG 12 setting on your **Wire Stripper** to make an incision about 1" from the end on each of the 4 wires.

Do not attempt to pull out the plastic sleeves just yet! There is a better way.



Step-4:

Use your **Heat Gun** to warm up the plastic sleeves. Once heated, you would be able to slide them out easily exposing the bare copper.



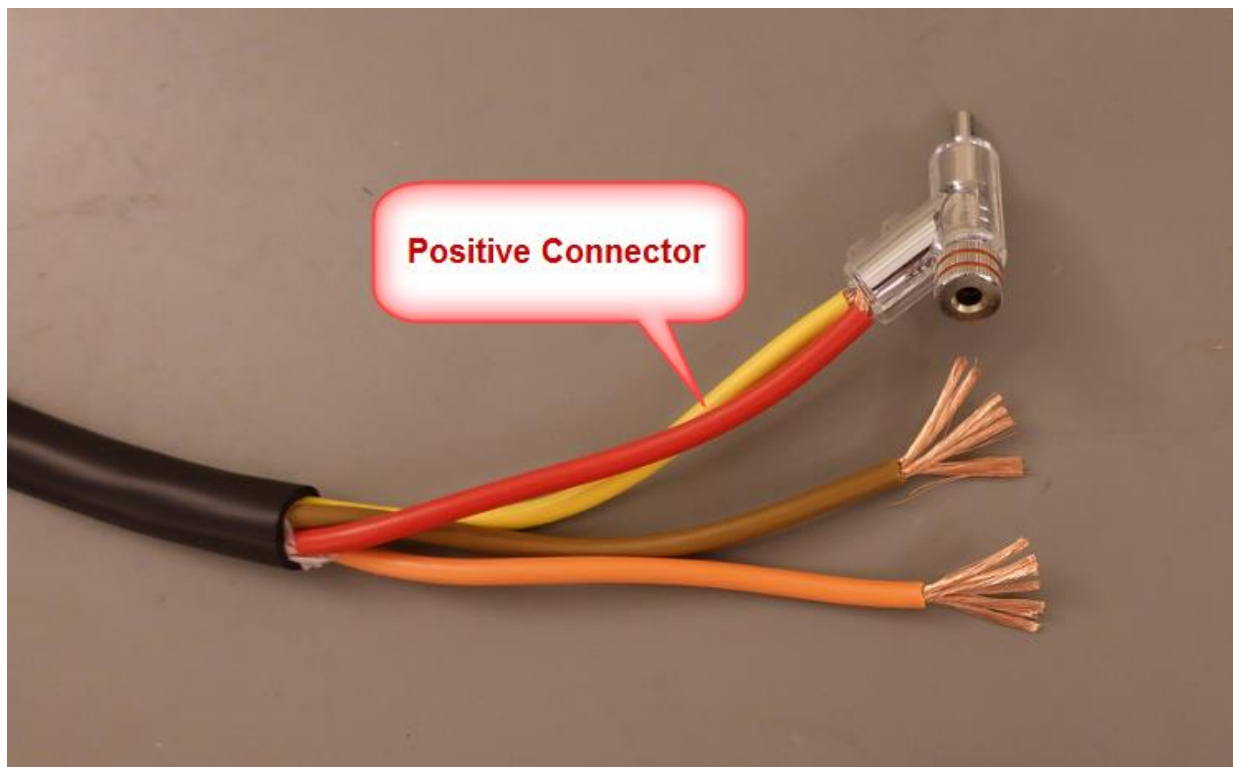
Step-5:

Twist the **Red** and **Yellow** wires together.

This is your **positive** connector.

Insert this into the barrel of the **red** locking banana plug.

Use the included hex wrench to tighten the two screws to establish a secure fit.



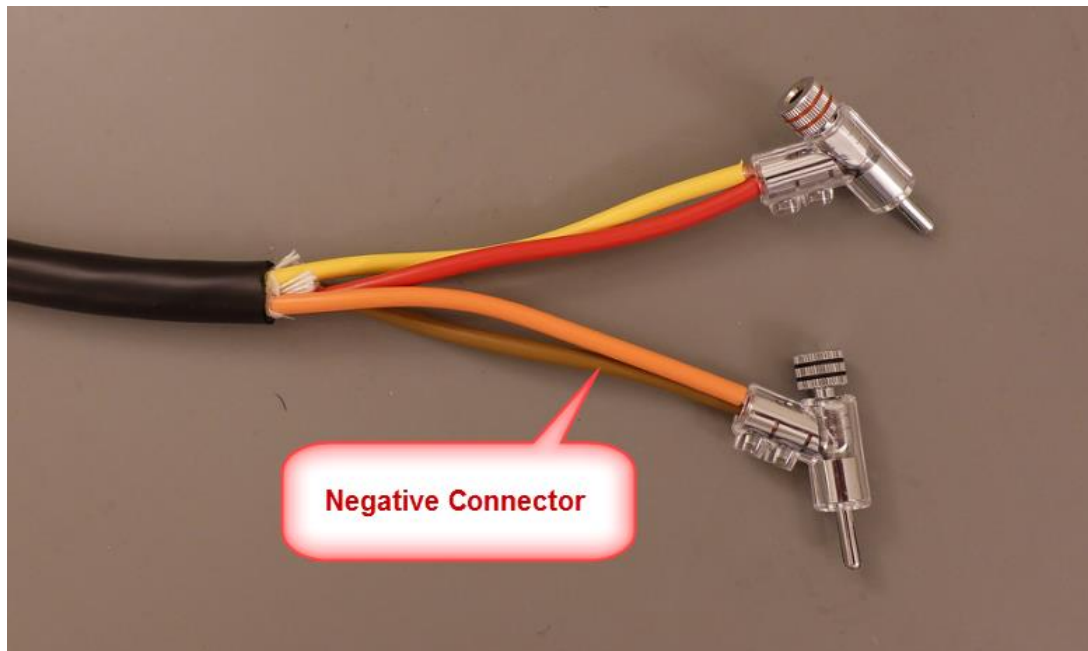
Step-6:

Twist the **Brown** and **Orange** wires together.

This is your **negative** connector.

Insert this into the barrel of the **black** locking banana plug.

Use the included hex wrench to tighten the two screws to clamp down on the bare wires.



Note: It is very important to honor this color scheme when building the Mogami W3104 Quad Speaker Cables.

This was my finished speaker cable.



Bill of materials

[Mogami W3104](#) Quad High Definition Speaker Cable 16ft @ \$6.81 per foot \$108.96

[Viborg](#) Rhodium Plated Locking Banana Plugs 2 packs @\$23.90 per pack \$47.80

Grand Total **\$156.76**

I immediately noticed a sonic improvement with these Mogami W3104 Quad Speaker Cables over my 12AWG Pure Copper Strand Speaker Cables.

The bass notes carried a little more weight. They had more definition. I heard better instrument separation across the frequency spectrum. I am happy with this upgrade.

The cost of this build was very reasonable. It was cheaper than the GR-Research speaker cable kit and certainly a lot more affordable compared to the 12TC Kimber Kable.

If you are on a tight budget, these Mogami W3104 cables are a great option. If you do not have the proper tools or feel hesitant building your own cables, you can always contact **Paul Johnson** to build you a set. He uses superior parts and his craftsmanship is extraordinary. They rival professional audiophile cables that costs thousands of dollars.

Refreshments

Paul Johnson was kind enough to bring us all the refreshments.



Closing Thoughts

This was an educational event for me. The star of the show was the [Audio by Van Alstine ABX Comparator Switch](#). Without the instant AB switching between two pair of speaker cables we would not have been able to make a meaningful comparison. A million thanks to Paul Johnson for lending us this rare device.

The sonic differences between the cheap Mogami Coaxial Cables (\$1.60/ft) and the moderately priced Mogami Star Quad Cables (\$6.81) were clearly audible. The Mogami Star Quad was declared the winner by unanimous decision in the very first round.

After round one, the differences between cables became harder to hear. They all pretty much sounded the same. The GR Research 24 conductor cotton core edged out the Mogami Star Quad in round 6 by a narrow vote.

Finally, in round 7, the MG Audio Design Planus speaker cable was declared the winner against the GR Research cable by a razor thin margin.

For most audiophiles building a set of Mogami Star Quad cables is the sensible choice. Unless you have a system matching the resolving power of John Harvell's Sonus Faber/D'Agostino setup, switching to the expensive GR Research Cables (\$13.75/ft) will be a waste of money.

Finding how similar the GR Research Cable sounded in direct AB comparisons to the vastly more expensive Audioquest, Morrow Audio, Wireworld and MG Audio Design Cables, it would be wise to stay clear of these audiophile brands. The money saved would be better spent on room treatment.

I find these Club Events to be invaluable to an audiophile. You get to hear so many different systems, compare components and get a better understanding on how to maximize the synergy of your own audio setup.

After evaluating so many different 2-channel audio systems I have come up with my own recommended list of gear that offers exceptional performance at down to earth prices.

Speakers:

[Legacy Audio Focus XD](#) Active Tower Speakers (\$17,500/pair).

Club Secretary **David Snyder** owns them. Speakers are the most important component after your room. Audiophiles spend thousands of dollars exchanging and upgrading their speakers. I would place these speakers in the buy once, enjoy for life category. If you ever pay a visit to David's home theater, you would come back wondering if there is any need to spend any more.

Loudspeaker Cone/Spike Decoupling Glider:

David Snyder was thoroughly impressed with these Hebbie's Audio Lab [Cone/Spike Decoupling Gliders](#). He ordered the Giant sized ones. The changes were so significant that he had to re-build his Acourate FIR Filters. It felt like buying new speakers. I have them too and I agree with his observations. This is one of the cheapest upgrades you can make to your system with guaranteed results.

Power Amplifier:

[Parasound Halo JC5](#) 400w/ch stereo power amp (\$7,000).

Former Club President **Paul Righello** owns this. This is listed under Stereophile's Class A recommended power amps. You can audition this at Paul's home in Tucson.

ROON Server:

[GMKtec Mini PC](#), G3 PRO (\$320).

Network Streamer:

Diretta Network Audio Transport (\$500)

This outperforms Network Streamers costing thousands of dollars. **David Snyder** offers an in-home risk free turn-key solution. You can watch David's Diretta Assembly [Tutorial Video](#) or follow his detailed [Setup Instructions](#).

DAC:

[Schitt Yggdrasil Singular DAC](#) (\$3,499).

Paul Johnson owns the Singular variant of this DAC. It has a "Ring DAC" architecture with greater sampling speed and bit precision than Esoteric, DCS and Linn DACs. It comes with a Class A balanced discrete output stage and proprietary Schitt Digital Filter.

Here is a glowing [review](#) from Audiophile Style. Here is a [technical explanation](#) of how Discrete DACs like Esoteric operate.

This DAC offers exceptional performance at an affordable price point. It fared very well against DACs costing many times more at the [DAC Shootout Event](#) held in November 8, 2025.

Speaker Cables:

[Mogami 3104](#) Star Quad Speaker Cables (\$6.81/ft).

All the parts including the connectors can be ordered online, cut to custom lengths and assembled in a matter of hours. You may also request Paul Johnson to build you a custom set.

If you have an Electrostatic Panel, you should order the [Mogani 3082](#) variant instead.

Nothing in this list is prohibitively expensive. They are within reach of most audiophiles on a budget. Once purchased, they can bring a lifetime of enjoyment.

Best regards,

David Das