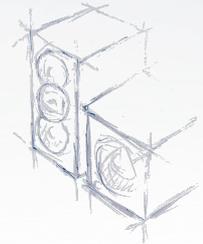


timeless analog loudspeakers

studio//home



designed by Marian #młodnicki © 2018

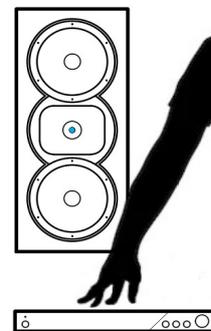
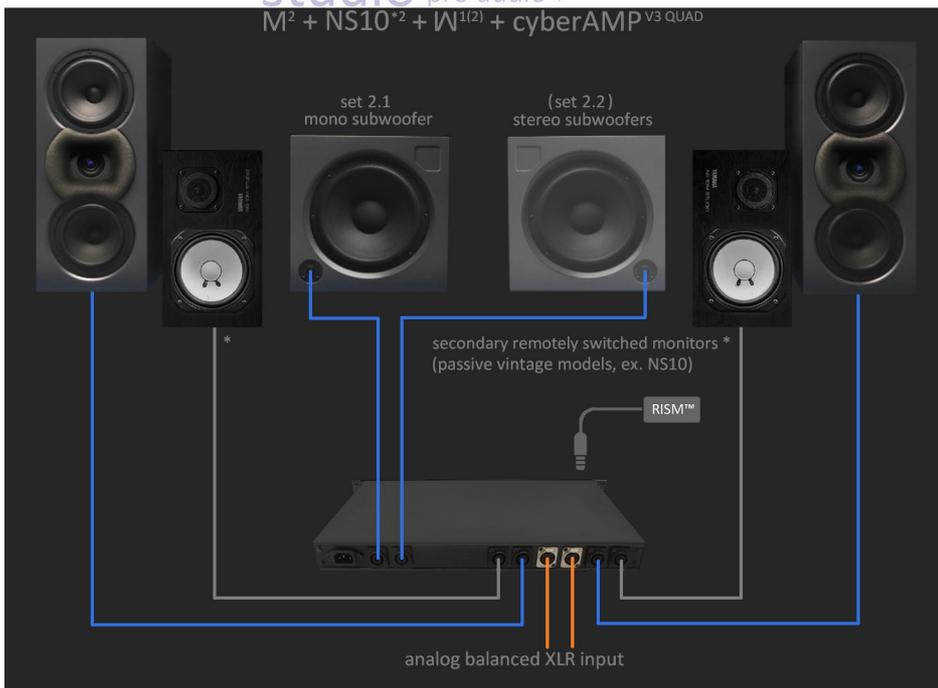
linearpro™



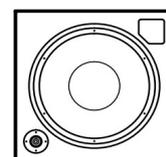
the world's first active speakers WITH interchangeable modes **without any DSP**
flat professional audio & innovative RISM™ technology
this hybrid system is **NOT** just High Fidelity
but the **HIGHEST** Professional Fidelity



studio pro audio +
M² + NS10⁺² + IW¹⁽²⁾ + cyberAMP^{V3} QUAD



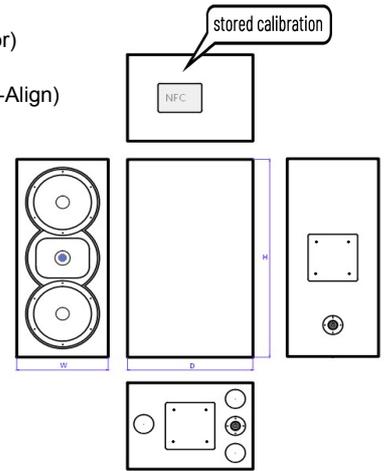
M+W
Best!
choice



! DSP No AD/DA < infinity audio resolution, no distortion, no lag/no jitter/real time, natural timeless analog

2.5-way active modular loudspeaker [model M ver3.5 rev17]

frequency response	±1.0dB ±3.0dB	57Hz–21kHz 51Hz–30kHz
cabinet		sealed enclosure, MDF 30mm (front 50mm)
drivers	tweeter woofer configuration	one 5x7-inch custom enhanced LDRRad (Linear Dual Ring Radiator) two 7-inch custom enhanced carbon fibres diaphragm D'Appolito WTW (Woofer-Tweeter-Woofer) with physical TA (Time-Align)
bass response	Q_{TC}	0.707
crossover	octave frequency type sounds control	12dB (applies to primary sound mode) 1.5kHz (applies to primary sound mode) EHCros (Enhanced Hybrid Crossover) [2 of 2 PASSIVE] three interchangeable modes remote by RISM (Remotely Interchangeable Sound Modes)
power	$W_{IEC} @ 4\Omega$	290 {is a parameter that tells you nothing – compare SPL}
SPL	2.83V @ 1m maximum	91dB // max. linear {90.84dB} range of woofer coil 12mm (P-P) 109dB // max. woofer excursion without damage 28mm (P-P)
system	connector mount stand	two 4-pole i-speakON with interface RISM (bottom + rear) VESA-100 option (bottom + rear) three spikes in option (bottom)
color		white/grey/graphite or any RAL color chart
dimensions HxWxD	cm inch	55 x 24 x 33 21½ x 9½ x 13
weight	kg lbs	19.2 42.3

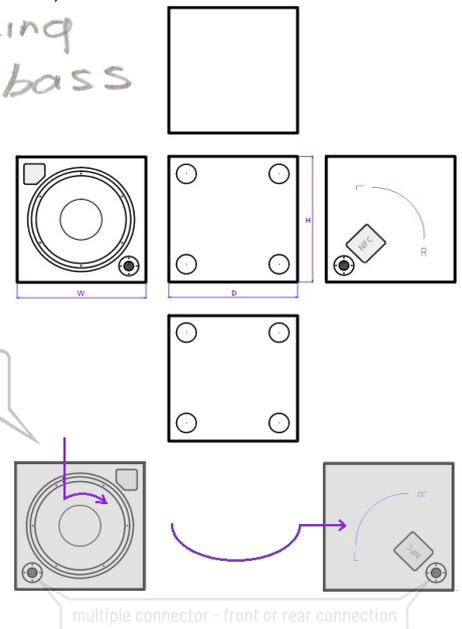


... awesome interchangeable modes

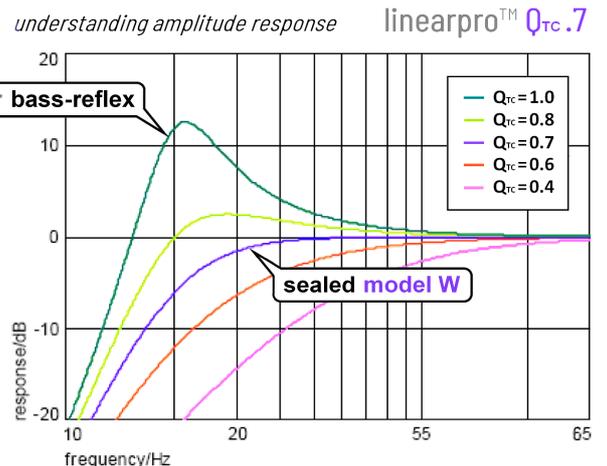
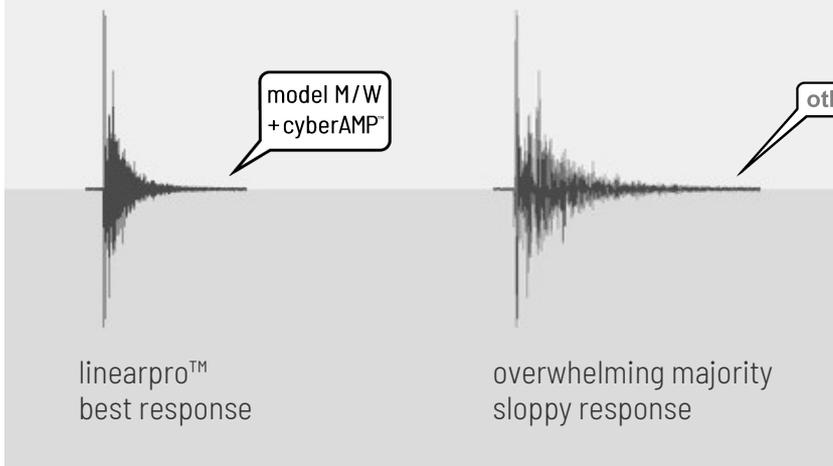
1-way active modular subwoofer [model W ver2.0 rev07]

frequency response	up crossover down	cut-off filter > 30-150Hz (frequency low pass – variable in cyberAMP) from ~20Hz < room dependant
cabinet		sealed enclosure, MDF 30mm (front 50mm)
driver	subwoofer configuration	one 10-inch custom enhanced carbon fibres diaphragm SECube (Sealed Enclosure Cube)
bass response	Q_{TC}	0.709
power	$W_{IEC} @ 4\Omega$	300 {you better read about SPL}
SPL	2.83V @ 1m maximum	89dB // max. linear range of the coil 24mm (P-P) 105dB // excursion without damage 46mm (P-P)
system	connector stand	two 4-pole i-speakON with "KEY" (front + rear) four spikes in option (bottom // one side) {universal R-L}
color		white/grey/graphite or any RAL color chart
dimensions HxWxD	cm inch	33 x 33 x 33 13 x 13 x 13
weight	kg lbs	19.0 42.1

Amazing bass

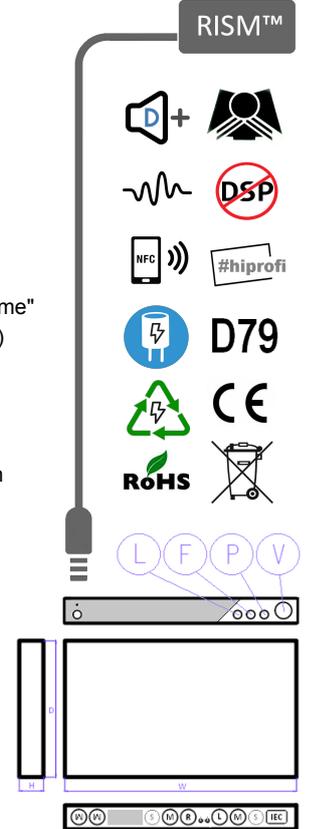
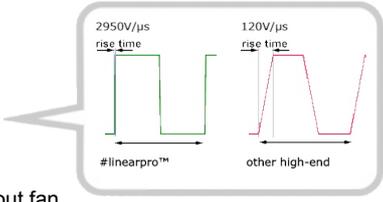


fast precise response
clean reference sound
 $Q_{TC} = .7$ / $DF > 500$ / SEALED enclosure

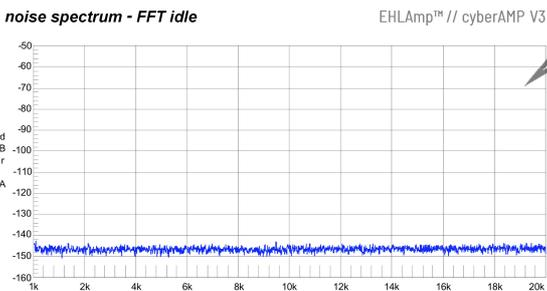


hybrid amplifier, external electronics for active monitors & sub(s) [model cyberAMP/QUAD ver3.1 rev15]

analog signal input	two balanced 3-pin XLR female with switch ground/lift
input impedance	10kΩ
amplifier gain	26dB
control	monitors RISM (Remotely Interchangeable Sound Modes) for switch interchangeable three sound modes subwoofer(s) L "level", F "frequency low pass", P "phase", set mono/stereo
output power	W_{RMS} [W_{peak}] two 300 [900] for monitors M or S + one (or two) 300 [900] for subwoofer(s) W // @ 4Ω
frequency response	linear @ -1dB 16Hz–21kHz
distortion THD+N	1kHz @ 1W ≤ 0.001%
signal to noise-ratio	A-weighted ≤ 124dB
damping factor	1kHz and below > 500
slew rate	DAInp™ 2950V/μs
internal bandwidth	EHLAmp™ 800kHz
total efficiency	≥ 90%
cooling system	passive without fan
power	input 90–260VAC @ 45-65Hz universal worldwide voltage (autodetected) max. [inrush] 780Watt [2100Watt @ 0.2s]
system connector	monitors two 4-pole i-speakON (interface-speakON with RISM control) dual monitors *optional two 2-pole connector switcher for secondary speakers with V "volume" subwoofer(s) two 4-pole i-speakON (interface-speakON with "KEY" subwoofer autodetection) remote one 7-pin connector (open-pinout for creating remote switches by RISM™) power one 3-pin IEC (male C14)
protection	short circuit protection, DC protection, under voltage protection, temperature protection, overload protection, *audio limiter
technologies	amplifier EHLAmp (Enhanced Hybrid Linear Amplifier) // class-D+ with ultra low distortion power AERecT (Advanced Energy Recovery Technologies) PSCapT (Power SuperCap Technologies) pre-amp DAInpT (Discrete Analog Input Technologies) EHCros (Enhanced Hybrid Crossover) [1 of 2 ACTIVE] limiter *optional DLLimT (Discrete Linear Limiter Technologies) control Prizrac/OS™ and RISM™
cabinet	metal
color	black / aluminium (front)
system mount	1U Rack 19-inch option
dimensions HxWxD	cm 4.5 x 43 x 25.5 inch 1 7/8 x 17 x 10
weight	kg 4.3 lbs 9.5



... uncompromised sound



ultra low noise/distortion

delivers highest professional requirements can challenge the best **class-A** reference **class-D+** amplifier

wiring

length	speakON 3/5 meters (118/197 inch) @ two pcs for stereo set 2.0, three for set 2.1 or four for set 2.2
	power one 1.8 meter (71 inch)

operating

temperature	°F +50 to +104
	°C +10 to +40
humidity	max. 75% (non-condensing)

warranty

2 years We do not undertake to design devices including the artificial aging of products. We use only branded components. We design without a compromise, on the highest level, with emphasis on ecology and MTBF > 100k hours.

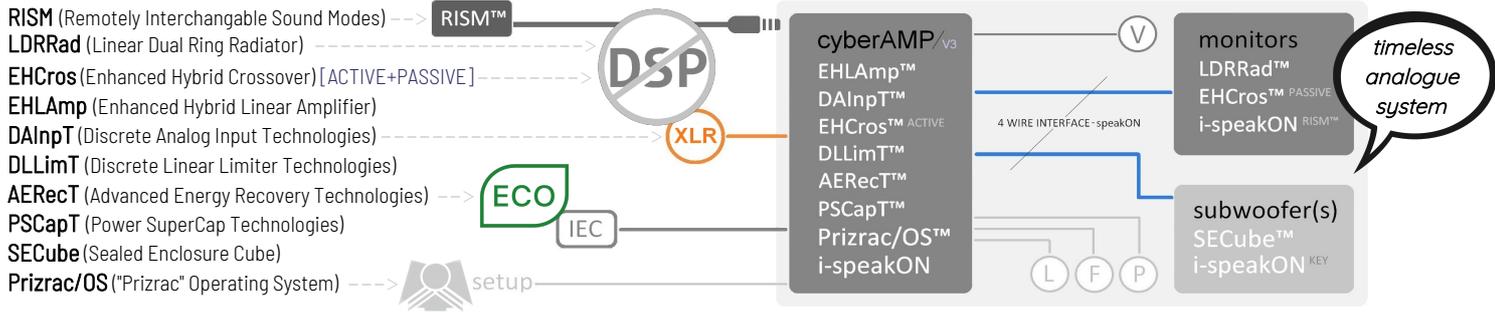


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featured technologies

#linearaudio #hiprofi #rism #cyberamp #ldrrad #ehcros #ehlamp #dalnpT #dllimT #aerect #pscapt #secube #prizrac #linearpro



linear dual ring radiator

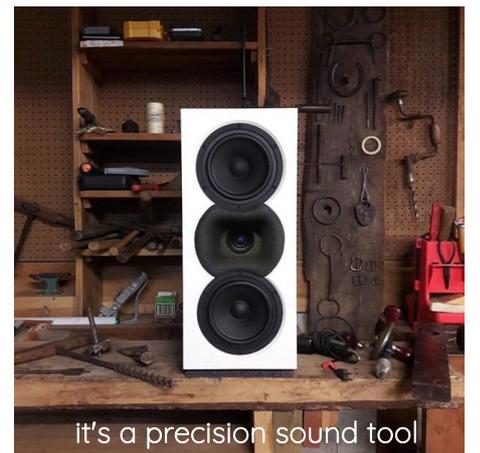
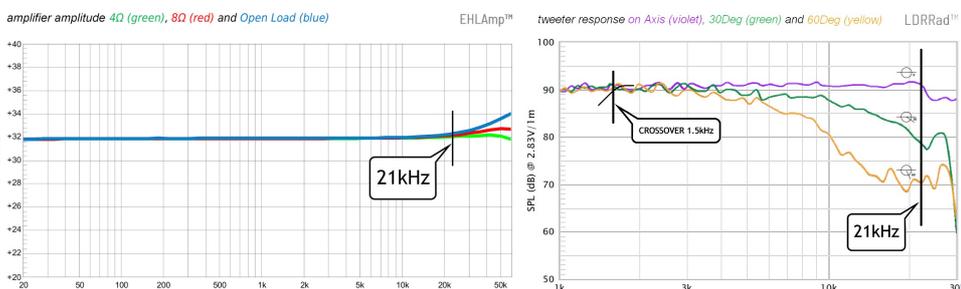


The LDRRad™ tweeter eliminates diffraction ripples (edge diffraction diffuser). The foam/felt around the driver helps smooth out the reflection effect and balances the bandwidth. It's not a horn guide or tube. Similar analog equalizer solutions have been used by Duntech Audio & Dunlavy Audio Labs (John Dunlavy), Lipinski Sound (Andrew Lipinski), Bauta Speakers (Jacek Gawlowski) or audiophile Wilson Audio (David A. Wilson & Sheryl Lee Wilson), Avalon Acoustics

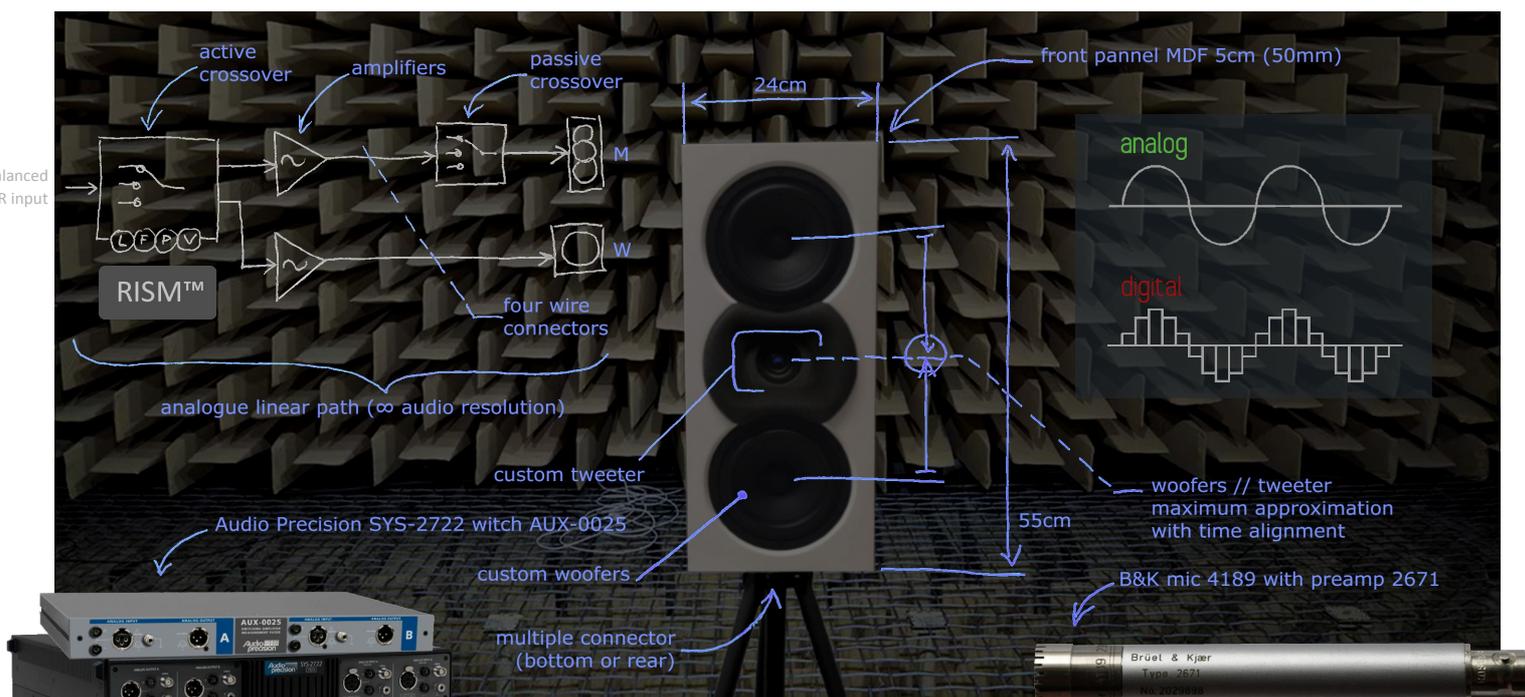
(Charles Hansen & Neil Patel) and others. The LDRRad was completely designed by Marian Mlodnicki. Based on Scan-Speak OEM parts. Phase cone (wave guide for optimized frequency response and dispersion) and damping chamber on the back side of the diaphragm is custom made. Additionally, it should be mentioned that conventional convex or concave dome tweeters are far less detailed/precise than dual ring tweeters.

completely analogue audio path

The linearpro™ system does not use AD>DSP>DA converters, it is completely designed analog. Which in combination with linear discrete elements in the best cyberAMP™ V3 gives unlimited analog audio resolution and absolutely transparent and crystalline sound. Tone is one type of sound shaping. None of this discrete elements and EHLamp interfere with the true tone! EHLamp™ is a much better design than all amplifiers based on Hypex design and its relatives.



what these speakers sound like?



Our RISM™ (Remotely Interchangeable Sound Modes) technology harnesses only **analog** crossover's responses of the best studio nearfield/midfield monitors. You can use the three position wired remote to quickly switch through different sounds, allowing you to preview your mix on different types of speakers, from the same spot position and without the clutter of multiple speaker systems. The three settings are "flatter/superlinear", "flat/light" and "audiophile/HiFi". Each speaker is a hand crafted masterpiece, calibrated with high precision measuring devices to an accuracy of 0.25dB (speaker-to-speaker consistency ±1/4dB).

The inspiration for our audio system created by Mlodnicki (founder of linearpro™) was of course Lipinski Sound. In 2004, Bob Katz (one of the most famous chief mastering engineers) said of the Lipinski L'707 speakers: "the best speakers I have ever heard". In 2020, one audio engineer, not as famous as Bob Katz, but with years of experience in professional mastering said of our speakers: "L-707 is a Porsche, your model M is a Tesla". Another well-known person said "Definitely one of the best monitors - in a class of its own as Lipinski L-707. And I really like the lack of DSP - a true analog". If want to learn more read www.linearaudio.pro/lipinski, if you don't want to ...

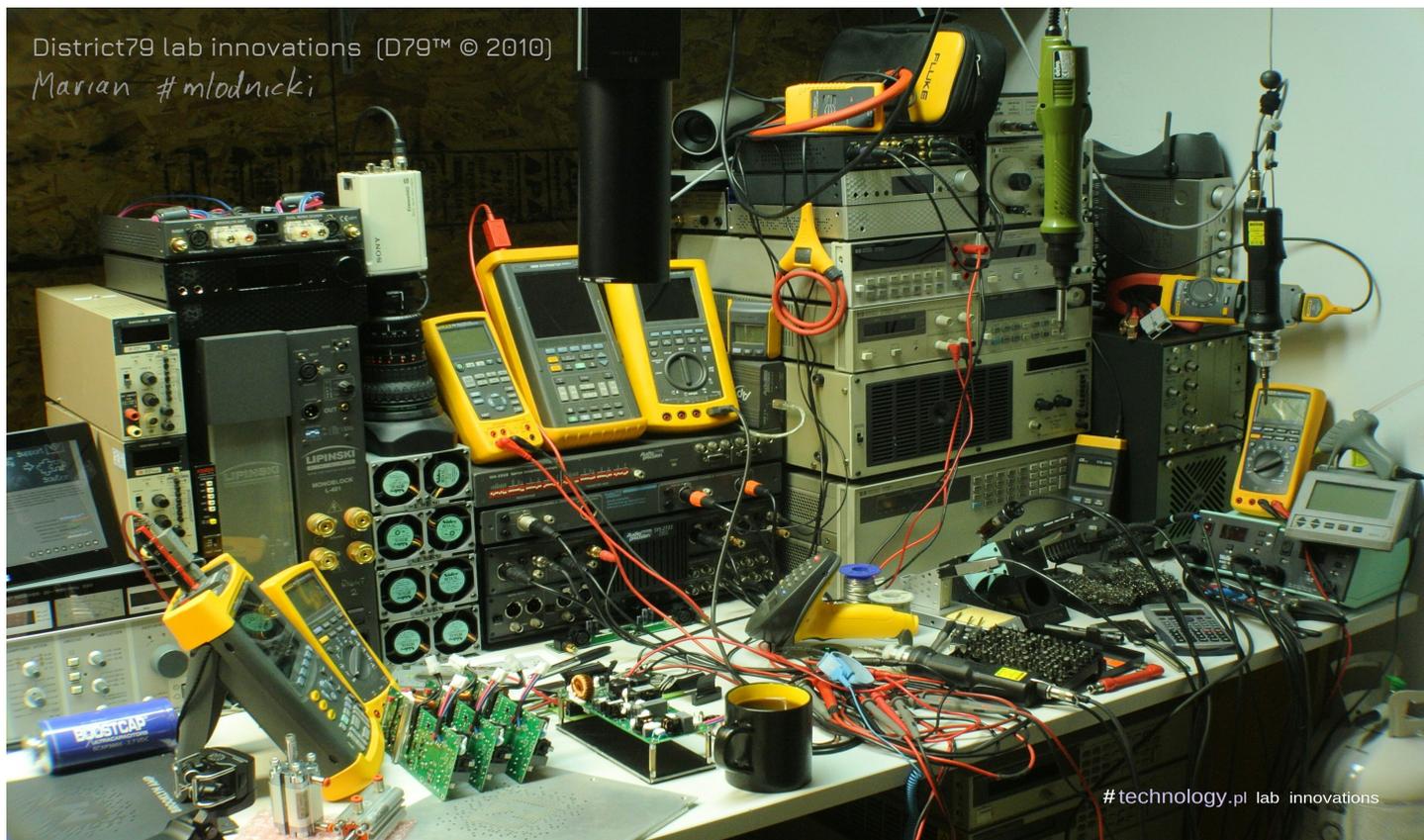


scroll to next page



Marian Mlodnicki

... It's a linearpro™ - a brand that breaks all mainstream standards



MŁODNICKI | NYS Technology company founded in 1996 by Marian Młodnicki #młodnicki. In 2010 transformed into D79 #technology.pl™ when Greg (Grzegorz) joined the company. Greg Jankowicz #jankowicz e.g. electronics designed for MYTEK Audio and LIPINSKI Sound.



Warszawa, dn. 02.06.2014r.

LIPINSKI SOUND Sp. z o.o.
ul. Krzywe Kolo 8/10 lok. 14
00-270 Warszawa

References

Mr Andrzej Lipinski, representing Lipinski Sound and Lipinski Sound Corporation, states that cooperation with Mr Grzegorz Jankowicz was established in the year 2005.

At the beginning, he was working on projects directly for the USA department and was mostly engaged in designing impulse amplifiers.

From 2011, Mr Grzegorz Jankowicz was a full-time employee of the Lipinski Sound Company. He was responsible for: designing prototypes, implementing and coordinating projects during the production process, servicing and providing technical support for customers from all over the world. He performed his duties accurately and conscientiously.

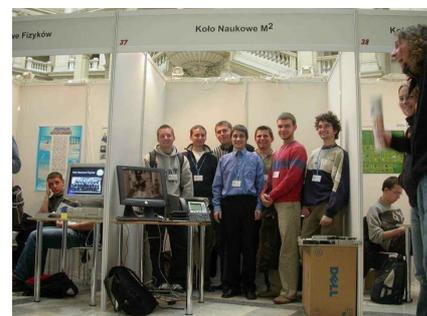
The employment contract was terminated in 2014 due to a change within corporation structure. Nevertheless, our cooperation is continued.

Andrzej Lipinski

LIPINSKI SOUND Sp. z o.o.
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00-270 Warszawa
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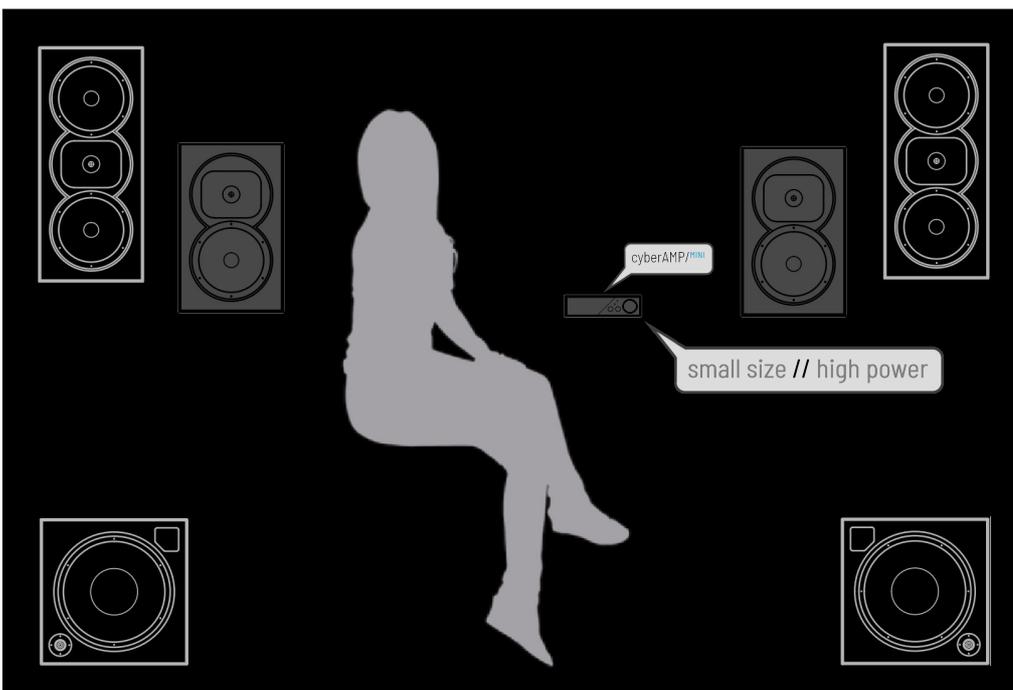
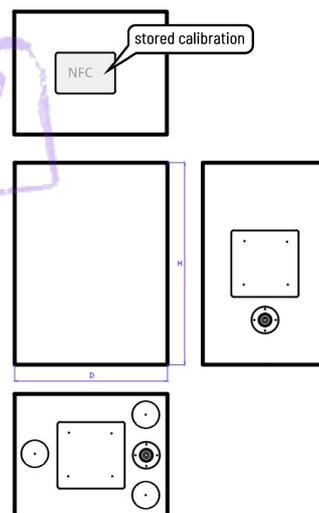
L-707 legendary Lipinski monitors

Marian & Greg met in the M² (founded by M.Młodnicki) scientific circle at the Warsaw University of Technology at the beginning of the 21st century.



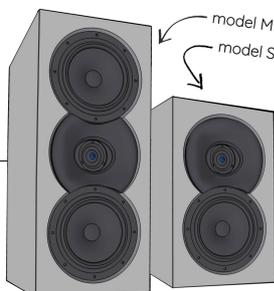
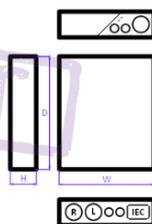
2-way active hybrid loudspeaker [model S ver3.0 rev12]

frequency response	±1.0dB ±3.0dB	{not yet measured. Model S is very successful, but compared to model M, it does not yet meet our exorbitant standards}
cabinet		sealed enclosure, MDF 30mm (front 50mm)
drivers	tweeter woofer configuration	one 5x7-inch custom enhanced LDRRad (Linear Dual Ring Radiator) one 7-inch custom enhanced carbon fibres diaphragm TW (Tweeter-Woofer) with physical TA (Time-Align)
bass response	Q _{TC}	0.703
crossover	octave frequency type sounds control	12dB (applies to primary sound mode) 1.5kHz (applies to primary sound mode) EHCros (Enhanced Hybrid Crossover) [2 of 2 PASSIVE] *optional three interchangeable modes *remote by RISM™
power	W _{IEC} @ 4Ω	160 {is a parameter that tells you nothing - check SPL}
SPL	2.83V @ 1m maximum	90dB // max. linear range of the woofer coil 12mm (P-P) 107dB // max. excursion without damage 28mm (P-P)
system	connector mount stand	*optional two 4-pole i-speakON with interface RISM™ (bottom + rear) *VESA-100 option (bottom + rear) *three spikes in option (bottom)
color		white/grey/graphite or any RAL color chart
dimensions HxWxD	cm inch	39.5 x 24 x 29.5 15½ x 9½ x 11¼
weight	kg lbs	{not yet weighed, but heavy} ...



hybrid amplifier, external electronics for active loudspeakers [model cyberAMP/mini "STEREO" ver3.1 rev16] **

output power	W _{RMS} [W _{peak}]	Two 200 [600] for monitors M or S // @ 4Ω
distortion THD+N	1kHz @ 1W	≤ 0.003%
signal to noise-ratio	A-weighted	≤ 120dB
damping factor		> 400
power	max. [inrush]	390Watt [1400Watt @ 0.2s]
dimensions HxWxD	cm inch	{prototype can change dimensions}
weight	kg lbs	...



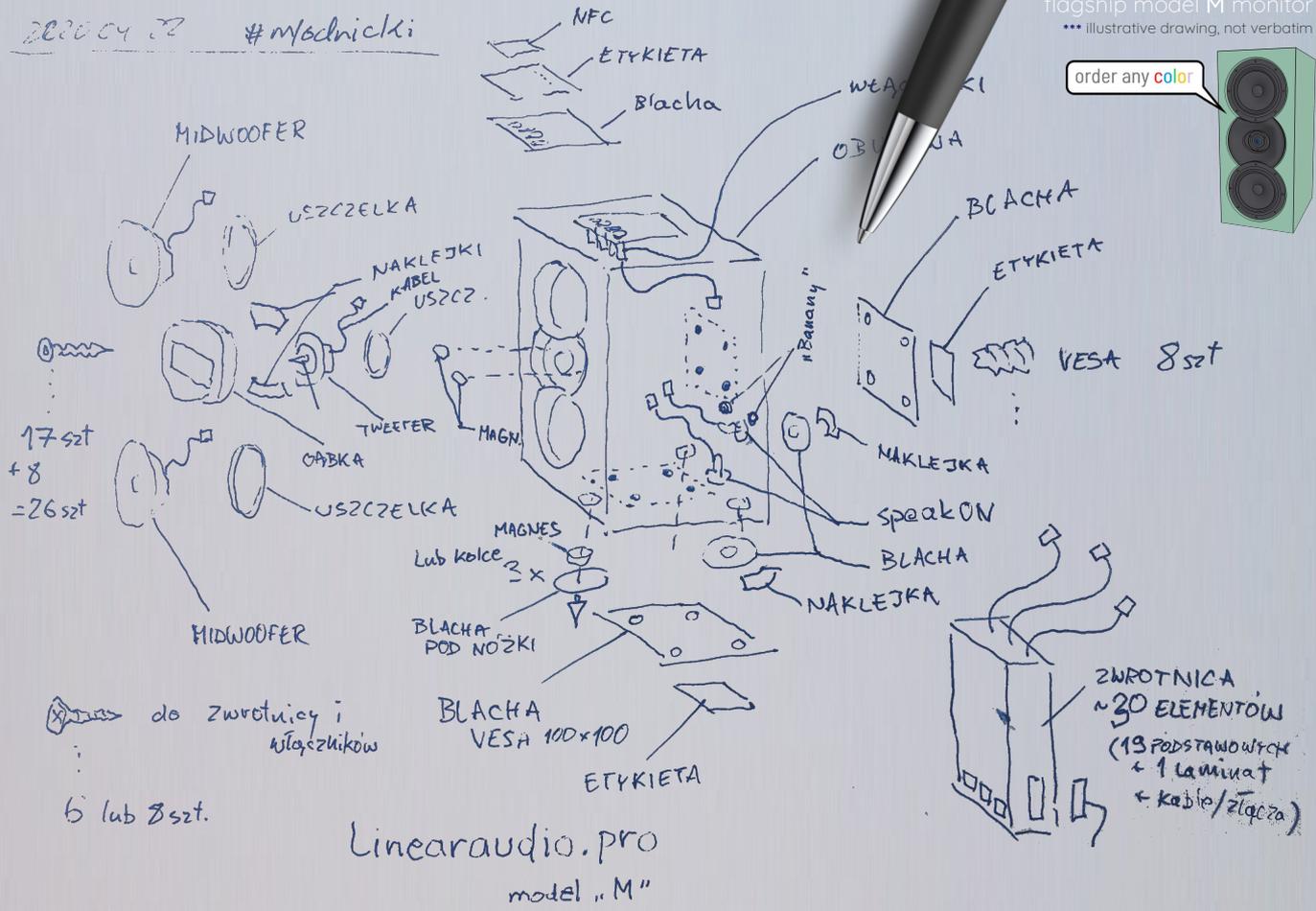
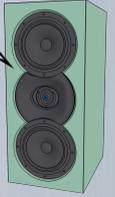
** other parameters same as QUAD, the cyberAMP / STEREO it will only not be possible to connect a subwoofer.

* options that are subject to change or subject to an individual order

2020 04 22 #młodnicki

flagship model M monitor
*** illustrative drawing, not verbatim

order any color



linearaudio.pro™ born in Warsaw 2018 © main creator Marian #młodnicki

