CANOR



30 Years in the Hi-Fi Industry

30 years of experience in Hi-Fi audio

At CANOR, we have been dedicated to designing top-of-the-line audio products. From the very beginning, we have specialized in vacuum tube technology, which was subsequently complemented by solid-state solutions.

Our first integrated tube amplifier, TP101, was showcased at an exhibition in Brno, Czech Republic, in April 1995. Our goal at CANOR is to produce audio devices that provide exceptional performance while also maintaining a high level of comfort and aesthetics.

It's hard to believe, but it's true—CANOR is celebrating 30th Anniversary since its establishment in 1995. After launching our first product, we've been on an incredible journey, including a major rebranding from EDGAR to CANOR that marked a new chapter in our story. Explore the defining milestones that have shaped our history.



1995

TP101

Launch of the pilot wooden-stainless steel chassis integrated tube amplifier.



2014

CANOR AI 1.10

The TP106 VR+ successor, a Class A KT88 integrated tube amplifier, set a new standard with its acclaimed sound quality and design.



2005

TP105

The TP105 integrated amplifier, inspired by the TP101, marked its debut as the first model with enclosed vacuum tubes.



2015

New Factory

We expanded to a new manufacturing facility spanning 8,000 m2.

2007

EDGAR — CANOR

EDGAR was rebranded to CANOR as a part of our evolution.



2008

TP106 VR+ & CD2 VR+

TP106 VR+ and CD2 VR+ introduced advanced circuits and a new design defining the next generation of CANOR products.



2011

New Headquarters

Opening of a new 1,300 m2 space for office and production purposes.



2012

Aladdin System

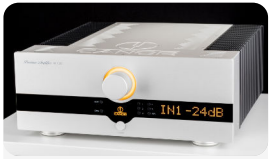
Introduction of a vacuum tube measurement system to precisely measure and match tubes, ensuring optimal product performance.



2014

CMT

Breakthrough CANOR Milling PCB Technology was introduced alongside the AI 1.10 integrated tube amplifier.



2018

CANOR AI 1.20

Our first-ever solid-state integrated amplifier has been launched on the market.

80 Employees

2020

80 Employees Milestone

The company reached the milestone of over 80 employees.



2022

Reference line launched

The launch of the HYPERION P1 preamplifier and VIRTUS M1 monoblock power amplifier marked the debut of CANOR's reference line.



2023

New Product Generation

The VIRTUS I2 amplifier and ASTERION V2 phono preamplifier brought the next gen. of products featuring significant enhancements.

Apple MFi Certificate

2024

Apple MFi Certificate

CANOR earned Apple's production MFi certification, highlighting our commitment to top-quality and compatibility standards.

Crius H5S

Solid-State Headphone Amplifier

The Crius H5S is a versatile headphone amplifier featuring a built-in DAC and preamplifier with a dedicated BYPASS option.



Main Features

- The Crius H5S is a versatile hi-fi headphone amplifier, DAC, and preamplifier featuring a fully discrete architecture with no op-amps or coupling capacitors in the signal path.
- By optimizing discrete local feedback instead of heavy global feedback, it achieves exceptional linearity and low distortion. Additionally, an adaptive bias circuit smoothly bridges Class A and AB operation to deliver maximum sound purity.
- The Crius H5S features a dual-mono ES9039Q2M DAC architecture paired with fully discrete, balanced analog output stages. It includes Optical, Coaxial, and USB inputs to connect any digital source, while supporting high-resolution audio formats for flagship-level decoding detail.
- Built from high-grade aluminum and steel, the rigid Crius H5S chassis comes in black, silver, and bronze finishes. Its volume knob features a two-bearing design and an embedded 1.8-inch circular display, providing a smooth interface to manage settings like precise balance control.
- Crius H5S offers balanced and unbalanced connectivity with a BYPASS mode for external DACs or analog chains. Its internal power supply eliminates bulky external adapters.

Highlights

01 The versatile 3-in-1 headphone amplifier, DAC & preamplifier features a fully discrete architecture.

02 The dual-mono ES9039Q2M DAC design features fully balanced, discrete analog output stages and Optical, Coaxial and USB inputs.

03 Flexible balanced/unbalanced connectivity is paired with a dedicated BYPASS mode and powered by an internal power supply.

Technical Specification

Headphone Unbalanced Output	2 W / 16 Ω, 130 mW / 300 Ω
Headphone Balanced Output	6 W / 16 Ω, 500 mW / 300 Ω
Headphone Outputs	4-pin XLR / 4.4 mm jack 6.35 mm jack / 3.5 mm jack
Dynamic Range Digital / XLR	128 / 115 dB (A-wt)
Frequency Range (Max. -3 dB)	2 Hz – 150 kHz Preamplifier
THD Balanced (Preamplifier)	< 0.0006 % / 2 V
SNR Digital / Analog	> 128 / > 114 dB (A-wt)
DAC Configuration	2 x ES9039Q2M (Dual-mono)
Digital Inputs	1 x USB-C, 1 x OPTO, 1 x COAX
Analog Inputs	1 XLR pair, 1 RCA pair
Analog Outputs	1 XLR pair, 1 RCA pair, 1 Bypass XLR pair
Power	230 V / 50 – 60 Hz / 40 VA
Dimensions (W x H x D)	210 x 76 x 323 mm
Weight (Net)	4 kg



Color variants



Virtus I4S

Integrated Solid-State Amplifier

The Virtus I4S is a foundation line integrated amplifier featuring a built-in phono stage and headphone output.



Main Features

- Refined central knob with an integrated 1.8-inch display combines a dual-bearing design, ultra-smooth rotation, and innovative CCD-based position sensing for precise, tactile control.
- Fully discrete dual-mono circuit technology.
- Discrete built-in headphone amplifier with top-notch parameters, sufficient to power the vast majority of high-quality headphones.
- Finest discrete phono amplifier supporting MM/MC with gain adjustment, a wide range of capacitance and impedance settings via front display.
- Exceptional 40 000 µF per-channel filtering capacity in the power supply allows the Virtus I4S to deliver deep, dynamic bass with precision and control.
- Low-distortion RCA output designed to support subwoofers or additional power amplifiers with a clean, precise signal.
- Low output impedance improves the overall amplifier's sonic performance thanks to the use of oversized output transistors and an unconventional circuit design.

Highlights

01 Centrally placed control knob provides intuitive operation and a direct, tactile user experience.

02 Compact solution that merges integrated amp., phono preamplifier, and headphone amplifier.

03 Full discrete Class AB solid-state amplifier built on a true dual-mono architecture.

Lifestyle device packed with high-end technology

A minimalist, modern design crafted from quality materials conceals high-end, fully discrete and dual-mono circuit technology. With solid power on tap, it delivers a clean, superior, engaging sound in a sleek lifestyle form.

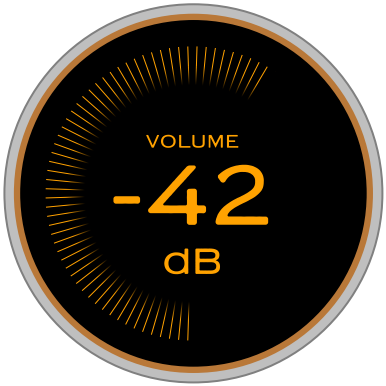
Discrete XLR inputs, exceptional in this category

At this level, fully discrete balanced XLR inputs are exceptional. The Virtus I4S incorporates this design to ensure maximum synergy with the complementary DAC Verto D4S, allowing balanced signals to be handled with precision and delivering phenomenal sound.

Finely tuned touchscreen user interface

1.8” LCD touchscreen allows full control of the device and all its functions with an intuitive and smooth user experience. Responsive touch navigation brings a new level of convenience, making interaction effortless and precise.

Virtus I4S
Home Screen




CANOR
XLR
VIRTUS 145
Yuval Noah Harari
Homo Deus
Yuval Noah Harari
Sapiens
Hans Rosling
Příběh studia
PIXAR
Lawrence Levy

Technical Specification

Stereo Output Power	2 x 120 W / 4 Ω 2 x 75 W / 8 Ω
Headphone Output Power	580 mW / 30 Ω 190 mW / 300 Ω
Gain	35.5 dB
Input Sensitivity	380 mV
Gain Phono	MM 40 dB, MM 46 dB MC 60 dB, MC 66 dB
Damping Factor at 1 kHz	160 / 4 Ω, 330 / 8 Ω
Frequency Range	20 – 20 000 Hz / < -0.2 dB
Input Impedance	RCA: 50 kΩ, XLR: 100 kΩ
Analog Inputs	1 pair RCA (Phono), 2 pairs RCA, 1 pair XLR
Variable Output	1 pair RCA
Headphone Output	6.3 mm jack
Total Harmonic Distortion	< 0.005 % / 1 kHz, 5 W
Signal-to-noise ratio	> 90 dB
Trigger Connectors (12 V)	1 x IN, 1 x OUT (3.5 mm jack)
Power	230 V / 50 – 60 Hz / 620 VA
Dimensions (W x H x D)	430 x 75 x 310 mm
Weight (Net)	12 kg



Color variants







FOUNDATION LINE

Verto D4S

Solid-State Digital to Analog Converter

The Verto D4S is a foundation line digital-to-analog converter offering a minimalist form factor and high-end performance.



Main Features

- The Verto D4S employs a true dual-mono architecture, with a dedicated ESS Sabre 9038 DAC chip for each channel.
- The analog output stage is fully discrete and symmetrical, free of operational amplifiers, delivering high dynamic range with ultra-low noise performance.
- Coaxial, AES/EBU, USB and optical inputs are galvanically isolated, ensuring clean signal transmission and minimizing interference from the source device.
- The 7-inch touch display combines a simple, clear, and intuitive user interface, ensuring comfortable operation of the device. The screen is easy to read even from a distance, contributing to a smooth user experience. It shows all key information, including input, sampling frequency, selected digital filter, and other settings, giving the user an immediate overview of the device's status.
- The display offers two color theme options, allowing the user to select their preferred interface appearance.
- Verto D4S supports a wired firmware update.

Highlights

01 Dual-mono discrete and symmetrical DAC architecture with galvanically isolated digital inputs ensures precisely separated signal paths.

02 Large high-resolution touchscreen is the visual and control device centerpiece, delivering intuitive operation.

03 The device supports all commonly used digital inputs, ensuring broad compatibility with today's audio sources.

Technical Specification

DAC Configuration	2 x ESS9038Q2M (Dual-mono)
Filter Settings	8 x Digital Filter
Digital Inputs	1 x USB-C, 1 x AES/EBU, 1 x Coax, 2 x Opto, 1 x TV Input
Analog Outputs	1 pair RCA, 1 pair XLR
Output Impedance	RCA: 100 Ω, XLR: 200 Ω
Frequency Range	20 – 20 000 Hz / < -0.1 dB
Total Harmonic Distortion	< 0.0005 %
Output Voltage	RCA: 2 VRMS, XLR: 4 VRMS
Signal-to-noise ratio	> 112 dB (A-wt)
Crosstalk	< -127 dB
Trigger Connectors (12 V)	1 x IN, 1 x OUT (3.5 mm jack)
Power	230 V / 50 – 60 Hz / 30 VA
Dimensions (W x H x D)	430 x 75 x 300 mm
Weight (Net)	8 kg



Color variants



PERFORMANCE LINE

Virtus A3

All-In-One Hybrid Amplifier

Virtus A3 is an All-In-One Dual Mono Hybrid Class A/AB Amplifier with a full suite of digital and analog inputs, integrating a power amplifier, phono preamplifier, headphone amplifier, and DAC.



Main Features

- Four products in the single housing – a Hybrid Power Amplifier of class A/AB, A Phono Preamplifier, A Headphone Amplifier, and a DAC.
- The analog and digital signal paths are designed in a dual mono configuration with fully independent multi-stage regulated power supplies for each channel.
- A fully discrete Phono Preamplifier supports both MM and MC cartridges.
- A discrete, fully symmetrical, balanced headphone amplifier stage for both single-ended and balanced headphone outputs is included.
- The Virtus A3 also offers Class A single-ended and balanced preamplifier line outputs to facilitate additional external Power Amplifiers supporting active speaker or subwoofer systems.
- A custom-designed, highly efficient cooling system using heat pipe heatsinks.
- The control knob is securely housed in a precision double-row bearing with a touch display located in the middle.

Highlights

01 **All-In-One – Phono Preamplifier, Headphone Amplifier, Integrated Hybrid Amplifier, and DAC.**

02 **Unique amplifier topology – Brings the benefits of superior Class A audio performance and its linearity with the benefits of lower Class AB power dissipation.**

03 **Touch screen control – A revolutionary method for interacting with a CANOR device.**

About Virtus A3

The 100+ W power amplifier features a tube-based balanced differential input stage and differential feedback paths, followed by a Class A current-dumping output stage where a low-power Class A amplifier is always in control of the speaker load with a high-power Class AB stage providing the heavier load current.

This unique current-dumping topology ensures that the low-power ultra linear Class A stage is always in control of the speaker load with the "brute force" power provided by the Class AB stage – this Class AB stage effectively isolates the "delicate" Class A stage from complex speaker load currents.

The topology ensures that there is no transition between Class A and Class AB operating modes, resulting in the benefits of superior Class A audio performance and signal linearity with the benefits of lower Class AB power dissipation.



The whole new level of interaction with a CANOR device

For the first time ever in our product, we implemented a touch display in Virtus A3. The intention was to bring a whole new way of interaction experience with a CANOR device. The display offers all the features and settings accessible with just a finger tap. The UI works exactly how you would expect with a rotary knob all around the display making it as simple as possible to control Virtus A3.



CANOR screen saver



Input selection



Right and left channel VU meters



Load capacity MM and input capacitance selection



Digital filter selection

Technical Specification

Stereo Output Power	2 x 150 W / 4 Ω (Dynamic Power) 2 x 100 W / 8 Ω (Dynamic Power)
Headphone Unbalanced Output	500 mW / 30 Ω 70 mW / 300 Ω
Headphone Balanced Output	500 mW / 30 Ω 270 mW / 300 Ω
Gain	34.5 dB
Input Sensitivity	550 mV
Gain Phono	MM 40 / 46 dB, MC 60 / 66 dB
Damping Factor	180 / 4 Ω 380 / 8 Ω
Frequency Range	10 – 35 000 Hz (± 0.5 dB / 5 W)
Input Impedance	50 kΩ
Analog Inputs	1 pair RCA (Phono), 2 pairs RCA, 2 pairs XLR
Analog Outputs (Variable Out)	1 pair RCA, 1 pair XLR
Digital Inputs	2 x COAX, 2 x OPTO, 1 x USB, 1 x AES/EBU
DAC Configuration	2 x ESS 9038 (Dual Mono)
Headphone Outputs	6,3 mm jack, 4-pin XLR

Total Harmonic Distortion	< 0,005 % / 1 kHz, 5W < 0,008 % / 1 kHz, 1 W
Signal-to-noise ratio	> 90 dB (20 Hz – 20 kHz)
Tube Complement	2 x E88CC
Trigger Connectors (12 V)	1 x IN, 2 x OUT
Power	115 / 230 V, 50 – 60 Hz, 820 VA
Dimensions (W x H x D)	435 x 130 x 460 mm
Weight (Net)	18 kg

Color variants



PERFORMANCE LINE

Verto D3

Tube D/A Converter

The Verto D3 is a high-end tube-based output, discrete digital-to-analog converter with a full dual-mono architecture.



Main Features

- Verto D3 features a dual-mono ESS Sabre ES9039Q2M DAC architecture with a fully discrete signal path for maximum dynamic range, ultra-low noise and natural sound reproduction.
- Four E88CC tubes operating in pure Class A bring richness and depth to the sound, while premium film capacitors further refine its character.
- With fixed and variable outputs, Verto D3 easily adapts to different system configurations, including direct connection to a power amplifier.
- The touchscreen integrated into the control knob provides easy, intuitive access to all device functions and settings.
- Galvanically isolated digital inputs help reduce noise and interference, ensuring a clean signal path and precise D/A conversion
- The masive machined control knob uses a pair of precision bearings for smooth operation.
- Combining aluminum and steel, the chassis delivers both durability and a refined appearance.

Highlights

01 Fully balanced Class A output stage with four E88CC tubes delivers exceptional sound.

02 Dual-mono discrete balanced DAC architecture with galvanically isolated inputs.

03 Elegant touch control ensures intuitive operation and seamless comfort.

Technical Specification

DAC Configuration	2 x ESS9039Q2M (Dual-mono)
Filter Settings	9 x Digital Filter
Digital Inputs	1 x USB-B, 1 x AES/EBU, 1 x Coax, 2 x Opto, 1 x TV Input
Analog Outputs	1 pair RCA, 1 pair XLR
Output Impedance	RCA: 100 Ω, XLR: 200 Ω
Frequency Range	< +- 0.1 dB at 20 – 20 000 Hz
Total Harmonic Distortion	< 0.009 %
Output Voltage	RCA: 2 VRMS, XLR: 4 VRMS
Signal-to-noise ratio	> 110 dB (A-wt)
Crosstalk	> 124 dB
Tube Complement	4 x E88CC
Trigger Connectors (12 V)	1 x IN, 1 x OUT (3.5 mm jack)
Power	230 V / 50 – 60 Hz / 40 VA
Dimensions (W x H x D)	435 x 122 x 415 mm

Weight (Net)	12 kg

Color variants



PERFORMANCE LINE

Asterion V3

Tube Phono Preamplifier

The Asterion V3 is a tube-based phono preamplifier with XLR and RCA inputs and support of both MC and MM cartridges.



Main Features

- The Asterion V3 features zero global feedback analog stages for natural dynamics and tonal purity. Eliminating phase distortion ensures an authentic, vivid soundstage with precise imaging.
- Four ECC83S / ECC81 tube stages deliver low-noise, high-gain amplification. An integrated subsonic filter removes low-frequency interference without affecting the audible band.
- The device supports a versatile all-function remote control, including MM/MC cartridge selection and precise impedance and capacitance adjustments.
- Combining touch and matrix displays offers the best of both worlds, seamless device interaction and perfect key info readability from any distance.
- The RIIA correction curve is made up exclusively of passive corrections containing high-quality polystyrene and polypropylene capacitors.
- A five-stage anode voltage filtration system ensures maximum power stability, eliminating ripple and mains interference.
- The Asterion V3 combines high-quality materials, aluminum, and steel.

Highlights

01 Designed for MM and MC cartridges with highly flexible impedance and capacitance

02 Supports balanced and unbalanced MC cartridge connections.

03 Carefully selected and matched tubes with exceptional parameters.

Technical Specification

Gain	MM 46 dB, MC 70 dB
Input impedance MC	10, 20, 40, 80, 150, 300, 600, 1200 Ω
Input capacitance MM	50, 150, 270, 370, 520, 620, 740, 840 pF
Output impedance	< 500 Ω
Inputs	2 RCA pairs, 1 XLR pair
Output	1 RCA pair
THD (MM, MC)	< 0.2 % / 1 V RMS
Subsonic filter	18 dB / Octave
RIAA accuracy (MM, MC)	+- 0.3 dB / 20 – 20 000 Hz
Signal-to-noise ratio MM	> 71 dBV (86 dBV - IEC - A)
Signal-to-noise ratio MC	> 68 dBV (82 dBV - IEC - A)
Tube complement	2 x ECC83S, 2 x 12AT7WC
Power	230 V / 50 Hz / 40 VA
Dimensions (W x H x D)	435 x 122 x 415 mm
Weight (net)	12 kg

Color variants



AI 2.10

Integrated Hybrid Amplifier

CANOR AI 2.10 is a hybrid integrated amplifier with an output power of 2 x 150 W / 4 Ω.



Main Features

- A hybrid integrated amplifier with an output power of 2 x 150 W / 4 Ω.
- A tube preamplifier on the input is fitted with a precise relay attenuator.
- A power amplifier in class D is powered by a filtered and tuned linear power supply.
- PCBs utilize our premium CMT ™ technology.
- XLR inputs with a strictly symmetrical signal up to the power amplifier.
- The preamplifier part of AI 2.10 consists of a pair of selected tubes 6922.

Highlights

01 A hybrid integrated amp powered by a filtered and tuned linear power supply

02 The input transformer (toroid) is oversized, which leads to low noise

03 XLR inputs with a strictly symmetrical signal up to the power amplifier part (the whole path is symmetrical)

Technical Specification

Output power	2 x 150 W / 4 Ω
Input sensitivity	400 mV / 150 W / 1 kHz
Frequency range	(20 – 20 000) Hz ± 0,3 dB / 5 W
Input impedance	30 kΩ
Inputs	4 x RCA, 2 x XLR
Total Harmonic Distortion	< 0,02 % / 1 kHz, 5 W
Signal-to-noise ratio	95 dB
Tube complement	2 x 6922
Power	230 V / 50 Hz / 460 VA
Dimensions (W x H x D)	435 x 120 x 405 mm
Weight (net)	17 kg

Color variants



CD 2.10

Tube CD Player / DA Converter

CANOR CD 2.10 is a tube DA converter / CD player utilizing AK4490 32-bit DA converter.



Main Features

- A tube DA converter/CD player utilizing an AK4490 32-bit DA converter.
- A silent slot-in CD drive mechanism.
- PCBs utilize our premium CMT ™ technology.
- An analog signal is being processed by strictly symmetrical tube circuits.
- Coaxial input separated by a high-frequency transformer.
- Super symmetrical passive filters optimized for the highest steepness.

Highlights

01 It operates also as a high-quality DAC

02 Analog and digital parts are strictly separated and independently powered

03 Super symmetrical passive filters optimized for the highest steepness

Technical Specification

Frequency range	20 – 20 000 Hz ± 0,8 dB
Output impedance	< 150 Ω
Total Harmonic Distortion	< 0,005 % / 1 kHz
Signal-To-Noise Ratio	> 102 dB (20 Hz – 20 kHz)
Outputs	RCA / XLR
Analogue output voltage RCA / XLR	2V RMS / 4V RMS
Digital inputs	USB, Optical and Coax
Digital outputs	Optical and Coaxial
Tube complement	4 x 6922
Power	230 V / 50 Hz / 100 VA
Dimensions (W x H x D)	435 x 120 x 405 mm
Weight (net)	12 kg

Color variants



PREMIUM LINE

TP101 A30

Integrated Tube Amplifier

The TP101 A30 pays tribute to CANOR's very first tube amplifier, built 3 decades ago with a passion for natural sound and uncomprimising craftsmanship. It blends classic tube warmth with refined engineering, offering a modern listening experience rooted in tradition.



Main Features

- An integrated tube amplifier based on EL34 tubes operating in class AB, providing an output power of 2 x 35 W.
- High input filtration capacity.
- The product uses premium, high-quality Mundorf coupling capacitors.
- Precise selection and tube pairing meet above-average parameters.
- Premium silver-plated internal signal wiring to preserve even the finest musical details.
- Special output permalloy transformers.
- High-end two-way Alps potentiometer.
- PCBs utilize our premium CMT ™ technology.

Highlights

01 Ultralinear EL34 Class AB amplifier with a signature tube sound

02 Premium wooden-stainless steel design

03 Powerful built-in headphone output

Technical Specification

Stereo Output Power	2 x 35 W / 4, 8 Ω (1 %)
Headphone Output Power	2 W / 30 Ω (< 1 %) 4 W / 300 Ω (< 1 %)
Gain	30 dB (at 4 Ω), 33 dB (at 8 Ω)
Input Sensitivity	380 mV
Frequency Range	18 – 55 000 Hz -0.3 dB
Damping Factor	6.5 / 4 Ω, 7 / 8 Ω
Input Impedance	30 kΩ
Analog Inputs	5 x RCA pair
Analog Outputs	1 x RCA pair (Fix Out)
Headphone Output	1 x 6.3 mm jack
Total Harmonics Distortion	< 0.025 % / 8 Ω (1 kHz, 1 W) < 0.1 % / 8 Ω (1 kHz, 5 W)
Signal-to-noise ratio	> 96 dB
Tube Complement	4 x ECC81, 4 x EL34

Power	230 V / 50 – 60 Hz / 290 VA
Dimensions (W x H x D)	450 x 185 x 390 mm
Weight (Net)	23 kg
Glass Cover Weight	5 kg

Color variants



PREMIUM LINE

Virtus I2

Integrated Tube Amplifier

Virtus I2 is a new-generation tube amplifier that utilizes KT88 high-power tubes and features an entirely new topology.
The goal of its development was to enhance the superior sound quality of the previous model version. This amplifier runs in a pure class A with an auto-bias function, as well as cathode feedback.



Main Features

- An integrated tube amplifier operating in class A, providing an output power of 2 x 40 W.
- KT88 high-power tubes with autobias a cathode feedback.
- An option to switch between triode and ultra-linear mode instantly.
- PCBs utilize our premium CMT™ technology.
- Perfect channel separation using a relay attenuator that features individual blocks for each channel. The gain control is in increments of 1 dB and attenuates up to 63 dB.
- The independently powered control part.
- Capacitors with high capacitance in the filter provide energy for precise and well-defined bass.
- The signal path exclusively contains high-quality polypropylene capacitors.
- Precise selection and pairing of the tubes meeting above-average parameters.
- The synchronous control option allows the use of two amplifiers in a monoblock mode without the need for an extra preamplifier. This Master/Slave mode has an output power of 80 W per channel.

Highlights

01 Operates in a pure class A with an autobias

02 Instant switching between a triode and ultra-linear modes

03 Possibility to create a monoblock setup of two units

Technical Specification

Output power	2 x 40 W /4, 8 Ω – ultralinear 2 x 20 W /4, 8 Ω – triode
Input sensitivity	500 mV
Frequency range	(10 – 50 000) Hz ± 0,5 dB / 5 W
Input impedance	30 kΩ
Inputs	4 x RCA, 2 x XLR (XLR are active in monoblock connection only)
Outputs	1 x RCA Line-out (Line fix)
Total Harmonic Distortion	< 0,05 % / 1 kHz, 5 W
Signal-to-noise ratio	> 95 dB
Tube complement	4 x KT88 / 1 x 12AX7 / 2 x 12AT7
Power	230 V / 50 Hz / 375 VA
Dimensions (W x H x D)	435 x 170 x 485 mm
Weight (net)	28 kg

Color variants



PREMIUM LINE

AI 1.20

Integrated Solid-state Amplifier

CANOR AI 1.20 is an integrated solid-state amplifier in pure class A up to 50 W per channel with a relay attenuator with two standalone blocks for each channel.



Main Features

- An integrated solid-state amplifier in pure class A up to 50 W per channel.
- A relay attenuator with two standalone blocks for each channel.
- PCBs utilize our premium CMT™ technology (CANOR® PCB Milling Technology), the way we mill printed circuit boards.
- CMT™ technology originated in a long-standing endeavour to improve the sonic performance of our products.
- Power supply units filter out interfering signals from the mains supply.
- Interference-rejection and as small as possible leakage field ensure custom-wound toroidal transformers.
- 264 000 uF of filtering capacitance simulates nearly stabilized supply voltage.
- An option of synchronous control enables the use of two amplifiers in a monoblock mode without the need of using an extra preamplifier, and that is a Master/Slave mode with an output power of 100W per channel.

Highlights

01 Operates in a pure Class A

02 264 000 uF of filtering capacitance

03 Possibility to create a monoblock connection of 2 units

Technical Specification

Output power	2 x 50 W / 4 Ω 2 x 30 W / 8 Ω
Input sensitivity	290 mV
Frequency range	(20 – 25 000) Hz ± 0,5 dB / 5 W
Input impedance	30 kΩ
Inputs	5
Total Harmonic Distortion	< 0,0009 % / 1 kHz, 5 W
Signal-to-noise ratio	90 dB
Power	230 V / 50 Hz / 420 VA
Dimensions (W x H x D)	435 x 170 x 485 mm
Weight (net)	28 kg

Color variants



PREMIUM LINE

Asterion V2

Tube Phono Preamplifier

Asterion V2 stands out as a top-of-the-line preamplifier for turntables, employing all-tube technology to deliver unparalleled performance. It's designed to work seamlessly with both MM and MC phono cartridges, making it a versatile choice for audiophiles who demand the best.



Main Features

- An all-tube turntable preamplifier for both MM and MC phono cartridges.
- Nine tubes, one vacuum tube out of them used to rectify the anode voltage.
- Wiring circuitry without any global feedback.
- PCBs utilize our premium CMT ™ technology.
- Precise selection and matching of the tubes that have above-average parameters.
- Vacuum-impregnated transformer core.
- The transformer is potted in a special anti-vibration compound and placed in the massive welded cover.
- The exceptionally high-quality polypropylene capacitors in the signal path were used.
- If a turntable is fitted with two tonearms, one having an MM phono cartridge installed and the other an MC, both can be connected simultaneously without mutually affecting each other.
- High variability of gain settings, resistances, and capacitances settings for all types of phono cartridges.
- A high-quality step-up Lundahl transformer for MC phono cartridges.

Highlights

01 A legitimate balanced XLR input and output, with true differential circuitry

02 All-tube turntable preamplifier that works with both MM and MC phono cartridges

03 Precise selection and matching of tubes with exceptional parameters

Technical Specification

MM	50, 150, 270, 370, 520, 620, 740, 840 pF / Gain: 46 dB
MC1	10, 20, 40, 80, 150, 300, 600, 1.200 Ω / Gain: 70 dB
MC2	2, 5, 10, 20, 40, 80, 150, 300 Ω / Gain: 76 dB
Output impedance	< 250 Ω
Inputs	XLR -> MC; RCA -> MM / MC
Outputs	RCA / XLR
Total Harmonic Distortion	MM / MC < 0,1 % / 1 VRMS
Subsonic filter	18 dB / Octave / 18 Hz
RIAA accuracy	0,3 dB / 20 Hz – 20 kHz
Signal-to-noise ratio MM	> 72 dBV (87 dBV - IEC - A)
Signal-to-noise ratio MC	> 68 dBV (82 dBV - IEC - A)
Tube complement	8x 6922EH, 1x 6CA4EH
Power	230 V / 50 Hz / 70 VA
Dimensions (W x H x D)	435 x 170 x 485 mm
Weight (net)	18 kg

Color variants



PREMIUM LINE

GAIA C2

Tube DAC & CD Player

GAIA C2 is a high-end tube DAC and CD Player that brings warmth, depth, and precision to digital playback.



Main Features

- A tube DA converter / CD Player.
- A standalone 24-bit / 192kHz DA Converter for each channel.
- A high-quality CD drive with compact disc ejection bearing driving mechanism.
- PCBs utilize our premium CMT ™ technology.
- Super symmetrical passive filters optimized for the highest steepness.
- PCM 44.1 kHz – 192 kHz playback and DSD64, 128, 256.

Highlights

01 Combining high-quality tube DAC and CD Player.

02 It contains two DACs, one for each channel, galvanically separated from the digital part

03 All aluminum premium design body.

Technical Specification

Frequency range	20 – 20 000 Hz ± 0,8 dB
Output impedance	< 100 Ω
Total Harmonic Distortion	< 0,005 % / 1 kHz
Signal-To-Noise Ratio	> 102 dB (20 Hz – 20 kHz)
Outputs	RCA / XLR
Analogue output voltage RCA / XLR	2,5 V RMS / 5 V RMS
Digital inputs	USB, Optical and Coax, AES/EBU
Digital outputs	Optical and Coaxial
Tube complement	2 x 12AX7 / 2 x 6922 / 1 x 6CA4
Power	230 V / 50 Hz / 100 VA
Dimensions (W x H x D)	435 x 170 x 420 mm
Weight (net)	17 kg



Color variants



Hyperion P1

Vacuum Tube Preamplifier

Hyperion P1 is a brand new vacuum tube preamplifier of pure A-class with zero feedback, designed and produced by CANOR. It is considered a reference preamplifier of the CANOR brand.



Main Features

- The attenuator is located in a special aluminium box (10 mm thick walls) which provides perfect shielding and thanks to the special design it also absorbs the vibrations.
- The Hyperion P1 is a Class-A preamplifier and was designed to avoid ANY global feedback.
- The attenuator as well as the electronic part are installed on anti-vibration pads (columns) which contributes to the overall elimination of vibrations.
- The analogue part is separated from the power part by a solid aluminium wall (10 mm thick), which contributes to the elimination of interference.
- The attenuator control is galvanically separated via optical drivers.

Highlights

01 Solid aluminium chassis - overall robustness and elimination of vibrations

02 Zero global feedback - results in the sound that is more musical and realistic in numerous aspects

03 Perfect filtration solution - specially designed power transformer

Technical Specification

Gain (XLR OUT)	11 dB
Output Impedance	< 150 Ω
Frequency response	10 - 80 000 Hz ± 0,1 dB
Input impedance	30 kΩ
Inputs	4x XLR, 5x RCA (1x preout)
Total Harmonic Distortion	< 0,005% (1 kHz, 2 V RMS) XLR < 0,3 % (1 kHz, 49 V RMS) XLR
Channel separation	> 110 dB
Signal-to-noise ratio	> 115 dB (20 Hz - 80 kHz)
Tube complement	4x 6922, 2x 6H30PI
Power	230 V / 50-60 Hz
Dimensions (w x h x d)	450 x 190 x 465 mm
Weight (net)	29 kg

Color variants



Virtus M1

Vacuum Tube Power Amplifier

Virtus M1 is a vacuum tube power amplifier of pure A-class, designed and produced by CANOR. It is considered a reference power amplifier of the CANOR brand.



Main Features

- Harmonic distortion - 0,0028 % at 1 W; 0,011 % at 5 W, and 0,13 % at 50 W is achieved by harmonizing all circuits and components.
- The transformer core is vacuum impregnated, and the entire transformer is encapsulated in a special anti-vibration compound. In addition, the massive, welded cover in which the transformer is located creates effective electromagnetic shielding and contributes significantly to the excellent signal-to-hum distance. The additional capacitor at the input improves the dynamics of the anode voltage filtration.
- The filtration capacity is 3.900 µF / 550 V. A choke, which is placed under a welded cover, has been used to eliminate anode voltage ripple, which increases the filtering efficiency of the 100 Hz component of the anode voltage.
- The output permalloy transformers are specially designed for the power amplifier.
- Only high-quality polypropylene capacitors are used in the signal path.
- The conductors on the signal paths consist of slow-drawn oxygen-free copper, which is coated with pure silver.
- Instant switching between feedback and zero feedback.

Highlights

01 Solid aluminium chassis - overall robustness and elimination of vibrations

02 Supersymmetric design - eliminates interfering signals

03 Extremely low harmonic distortion - one of the best ever seen in tube amps

Technical Specification

Output power	1 x 110 W / 8 Ω – ultra linear (THD < 3%) 1 x 55 W / 4,8 Ω – triode (THD < 3%)
Gain	24 dB / 4 Ω
Frequency range	10 – 50.000 Hz ± 0,5 dB / 5 W
Input impedance	200 kΩ
Inputs	1 x XLR
Total Harmonic Distortion	< 0,05% (1 kHz, 5 W / 8 Ω - ultra linear) < 0,005% (1 kHz, 1 W / 8 Ω - ultra linear)
Signal-to-noise ratio	> 103 dB (20 Hz - 80 kHz)
Tube complement	4x KT150, 2x ECC82, 1x 12AX7
Power	230 V / 50-60 Hz
Dimensions (w x h x d)	450 x 190 x 465 mm
Weight (net)	40 kg



Color variants



Virtus S1S

Solid-State Dual-Mono Power Amplifier

Virtus S1S is a brand-new solid-state reference power amplifier in class AB with the first few watts in pure class A, designed and produced by CANOR.



Main Features

- A fully symmetrical amplification stage is implemented using high-quality complementary J-FET transistors in the input section.
- The copper plates of the 350 mm2 cross-section installed in the Virtus S1S are designed for heat dissipation without using heat-conducting washers, making the heat dissipation design from the power transistors highly effective.
- The copper plates designed for heat dissipation also supply voltage from the high-capacity capacitors to the active components. That helps transform the dynamic peaks from the capacitors directly to the speakears reducing the output impedance.
- Ultra-low True Harmonic Distortion (THD) of 0.00025 % at 1 KHz, 5 W.
- Error correction is used to linearize each amplification stage individually. This helps to prevent transient distortion from occurring in the first place, rather than relying on overall feedback to suppress it.
- VIRTUS S1S features 5 pairs of output power transistors per channel, with matched parameters to ensure uniform load on individual component.

Highlights

01 The unique heat dissipation method by copper plates also reduces the output impedance

02 Error correction - specialized local feedback circuits line-arize amplifier output stage

03 Extremely low THD - delivers top-notch ultra-low distortion in its category.

Technical Specification

Output power	2 x 400 W / 4 Ω 2 x 250 W / 8 Ω
Gain	26 dB (XLR), 20 dB (RCA)
Frequency range	20 – 20 000 Hz -0,1 dB / 5 W 5 – 250 000 Hz -3 dB / 5 W
Input impedance	200 kΩ (XLR), 33 kΩ (RCA)
Inputs	1 XLR pair, 1 RCA pair
Total Harmonic Distortion	< 0,00025 % / 1 kHz, 5 W
Signal-to-noise ratio	> 120 dB
Filtration capacity	107 600 µF / 100 V (per channel)
Power	230 V / 50-60 Hz / 1600 VA
Dimensions (w x h x d)	450 x 210 x 522 mm
Weight (net)	39 kg

Color variants




KYC
25v
3900 µF
SL22



Notes

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