

# MOON by Simaudio 2020

garantie 5 ans, Prix en franc CH, Tva incluse

## 100-400 Series

### All-in-one Ace



black = standard colour  
twotone = special order

black colour = standard | twotone and silver colour = special order

### see also Streaming Pack offers below

#### All-in-one

Featuring our MiND 2 module which provides access to your digital music library and Tidal, Qobuz, Deezer and Highresaudio, the ACE is both intuitive and easy to use. The finest sounding and most complete all-in-one available, it can do virtually anything expected of a high-performance audio component of this nature. • Simple MiND 2 setup via on-board software menu • OLED screen provides detailed information • DAC with up to 32bit/384kHz and DSD256 • Access to Tidal, Deezer and Qobuz Music Services and Tune-In Internet radios • Multi-room synchronized playback • MQA and DSD decoding • ROON ready • MM phono stage • Bluetooth aptX • Discrete headphone amplifier circuit with 1/4" jack output (front panel) • 1/8" mini-jack for personal media players (front panel) • Home theatre bypass mode

1x async USB in (up to 32bit/384kHz and DSD256), 2x TOS in, 2x SPDIF in (up to 24bit/192kHz), 1x Bluetooth aptX, 1x MM in, 3x RCA line in, 1x 1/8" mini-jack in, 1x RCA pre out, 1x 1/4" jack headphone out, 2x 50 @ 8Ohm, 1x speaker out, 1x WiFi, 1x Ethernet, SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled, 429 x 89 x 366mm WHD, 11kg

3480

### Streaming Packs

- NEW: SP 280D MiND 2 | 250i
- NEW: SP 280D MiND 2 | 340iX
- NEW: SP 330A | 390
- NEW: SP 680D | 600i
- NEW: SP 680D | 700i

- 280D MiND 2 Streamer and DSD DAC + 250i Integrated 4980
- 280D MiND 2 Streamer and DSD DAC + 340iX Integrated 6980
- 390 Streamer, DSD DAC and Preamplifier + 330A Poweramplifier 9480
- 680D Streamer and DSD DAC + 600i V2 Integrated 16980
- 680D Streamer and DSD DAC + 700i V2 Integrated 21480

### Streamers and DACs 280D



black = standard colour  
others = special order

#### DSD DAC

The extraordinary digital engine within the Nēo 280D decodes native DSD up to DSD256, as well as PCM up to 32-bit/384kHz, including DXD. The fully balanced analogue stage features an exceptional DC servo circuit and proprietary 3rd order filter for lifelike transparency. The result is a level of fidelity that creates an emotional connection to your music. • DAC with up to 32bit/384kHz and DSD256 • Bluetooth aptX • Optional MiND 2 streaming module • Fully balanced differential analogue output stage

1x async USB in (up to 32bit/384kHz and DSD256), 1x AES, 2x TOS in, 2x SPDIF in (up to 24bit/192kHz), 1x Bluetooth aptX, 1x RCA out, 1x XLR out, SimLink™, 12V trigger, RS232 port, remote controlled, 429 x 89 x 333mm WHD, 7.5kg

2680

### 280D MiND 2

#### Streamer and DSD DAC

The Nēo 280D MiND 2 has the same features as the 280D, but adds our MiND 2 module providing access to your digital music library and Tidal, Qobuz, Deezer and Highresaudio. • As 280D • MiND 2 module • Access to Tidal, Deezer and Qobuz Music Services and Tune-In Internet radios • Multi-room synchronized playback • MQA and DSD decoding • ROON ready •

As Nēo 280D, in addition: 1x WiFi, 1x Ethernet (up to 24bit/192kHz and DSD64), remote and MiND 2 app controlled

3180

## Streamers and DACs continued

390



black = standard colour  
others = special order



### Preamplifier, DAC and Network Player

The MOON 390 is a multi-function crossover type product that has the function of a modern network player, DAC, preamplifier, headphone amplifier, and phono stage. Also the 390 benefits from MiND 2 streamer technology. Key features are: • Access to Tidal, Deezer, Qobuz and Highresaudio Music Services and Tune-In Internet radios • Multi-room synchronized playback • Streaming of local source to other zones • MQA and DSD decoding • ROON ready • High End ESS DAC PRO chipset • Up to 32-bits / 384 kHz sampling rate (USB) • HDMI 2.0 switcher (4k, HDCP 2.2) • Menu-configurable MM/MC phono stage • Dedicated headphone amplifier • OLED screen  
Digital audio inputs: 1x SPDIF, 1x TOS, 1x AES (up to 24bit/192kHz), 1x async USB (up to 32bit/384kHz and DSD256), 1x Bluetooth aptX  
Analog audio inputs: 1x Phono MM/MC, 1x Line RCA, 1x Line XLR  
Audio output: 1x RCA pre, 1x XLR pre, 1x RCA fixed, 1x 1/4" jack headphone  
AV in-/outputs: 4x HDMI in, 1x HDMI out with ARC  
Communication: 1x USB-A in to connect harddrives or memorysticks, 2x WiFi, Dual Ethernet, SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled  
Dimensions 429 x 89 x 366mm WHD, weight 11kg

5980

## MiND 2



black = only colour



### Network Streaming Music Player

The MiND 2 is the second generation of MOON intelligent Network Device. The control center of a MiND is our proprietary application running on an iPad, iPhone, or Android device. Not only does MiND 2 allow to access, browse and play the music from a NAS, mobile devices, streaming services and internet radio, it also gives you the control of your MOON Hi-Fi system for ultimate ease of use.

The MiND 2 outputs a digital audio signal to any DAC. The addition of Bluetooth® aptX™ audio support provides easy connectivity with wireless devices. The MiND 2's SimLink connection allows to control any SimLink equipped MOON system and adjust the analogue volume rather than doing digital attenuation like most others do. This maintains the true fidelity of the music at any volume setting. Its key design features are:

• Access to Tidal, Qobuz, Deezer and Highresaudio Music Services and Tune-In Internet radios • Multi-room synchronized playback • MQA and DSD decoding • ROON ready • UPnP Compatibility • Play queue mixing multiple sources capability (tracks from various services) • MQA decoding in DAC products (ACE, 280D, 380D, 780D and 390) • Up to DSD 256 sampling rate support on wired connection • DSD decoding in DAC products (ACE, 280D, 380D, 780D and 390)

1x AES out, 1x TOS out, 1x SPDIF out, 1x WiFi, 1x Ethernet, SimLink™, 12V trigger, RS232 port, MiND 2 app controlled, 178 x 76 x 280mm WHD, 3.1kg

1980

## Phono preamplifiers

110LP V2



black = only colour



### Phono preamplifier

The MOON 110LP V2 stands for a high quality yet affordable analogue playback with a fast, tight, extended bass response, a natural open midrange and airy extended high frequencies. Its most significant features are: • Inductive DC filtering for a significantly lower noise floor • Adjustable impedance and capacitance loading • Adjustable gain settings for MM and MC cartridges • Accurate matching of military-grade components with ultra-tight tolerances • Surface-mount technology for shortest possible signal paths • 2-layer PCB using pure copper tracings for lower impedance characteristics and shortest possible signal paths vastly improving signal-to-noise ratio  
1x RCA in, 1x RCA out, 127 x 74 x 165mm WHD, 1.1kg

580

310LP



black = only colour



### Phono preamplifier

The 310LP elevates the performance of its highly acclaimed predecessor to another level. The reduced noise floor of its power supply makes it quieter, which means you will experience a blacker background and even more lifelike musical reproduction. Its most significant features are: • Numerous adjustments for resistance loading, capacitance loading and gain level • Two different equalization curves (RIAA or IEC curve) selectable • Large isolated power supply on a separate circuit with 2 stages of voltage regulation and custom MOON electrolytic capacitors • Voltage regulation includes our i2DCf (Independent Inductive DC Filtering) • 4-Layer circuit boards with pure copper tracings for the shortest possible signal path • Balanced circuit design with accurate matching of the very finest high quality electronic components • Can be driven with a compatible external power supply  
1x RCA in, 1x RCA out, 1x XLR out, 178 x 76 x 280mm WHD, 3.1kg

1980

## CD transports

260D



black = standard colour  
others = special order



### CD Transport and DAC

The 260D provides superb flexibility as a result of being a CD Transport and a DAC. Thanks to its 32-bit processing engine, upsampling capabilities, oversized power supplies and elaborate analogue stages, its sonic performance is without equal in its price category.

- Moon's proprietary CD drive system
- M-Quattro gel-based 4-point floating suspension for vibration damping
- Rigid chassis construction to minimize the effects of external vibrations
- Oversized power supply with 13 stages of voltage regulation
- Selection of very high quality electronic components in a fully balanced circuitry

1x async USB in, 1x TOS in, 2x SPDIF in (up to 24bit/192kHz), 1x SPDIF out, 1x AES out, 1x RCA out, 1x XLR out, SimLink™, 12V trigger, RS232 port, remote controlled, 429 x 89 x 333mm WHD, 16kg

3280

260DT

### CD transport

The Nêo 260DT has the same features as the 260DT, but has no DAC built in, it only serves as a high performance CD transport:

- As 260D, but without DAC section and analogue outputs

2180

## Integrated amplifiers

240i



black = standard colour  
twotone = special order



### Integrated with digital inputs

With connectivity accented on digital audio, as well as a multiple analog line-level inputs, and a phono input, the 240i can easily become the one-box centerpiece of your music and entertainment system.

- OLED screen provides detailed information
- DAC with up to 32bit/384kHz and DSD256
- MM phono stage
- Discrete headphone amplifier circuit with 1/4" jack output (front panel)
- 1/8" mini-jack for personal media players (front panel)
- Home theatre bypass mode

1x async USB in (up to 32bit/384kHz and DSD256), 2x TOS in, 2x SPDIF in (up to 24bit/192kHz), 1x MM in, 3x RCA line in, 1x 1/8" mini-jack in, 1x RCA pre out, 1x 1/4" jack headphone out, 2x 50 @ 8Ohm, 1x speaker out, SimLink™, 12V trigger, RS232 port, remote controlled, 429 x 89 x 366mm WHD, 11kg

2680

250i



black = standard colour  
others = special order



### Integrated amplifier

Well respected and known for exceptional quality-to-price ratio, the Nêo 250i marries a classy appearance and irreproachable sound quality.

- Precision matched proprietary MOON Bipolar output transistors for improved bass response and accurate sonic reproduction
- Class A output up to 5w for greater efficiency
- Discrete headphone amplifier circuit with 1/4" jack output (front panel)
- 1/8" mini-jack for personal media players (front panel)

5x RCA line in, 1x 1/8" mini-jack in, 1x RCA pre out, 1x 1/4" jack headphone out, 2x 50 @ 8Ohm, 1x speaker out, SimLink™, 12V trigger, RS232 port, remote controlled, 429 x 89 x 366mm WHD, 10kg

2380

340iX



black = standard colour  
others = special order



### Integrated amplifier

The 340iX is the ultimate example of a Nêo-class Integrated Amplifier. Combining high power, sonic finesse and superb flexibility, the 340iX will seduce with its musical authority and rich, engaging lifelike sound quality. A DSD DAC and an MM/MC phono stage are available as an option. 340iX's key design features are:

- Precision matched proprietary MOON Bipolar output transistors
- Oversized power supply using a custom proprietary toroidal transformer design
- Class A output up to 5w for greater efficiency
- Discrete headphone amplifier circuit with 1/4" jack output (front panel)
- 1/8" mini-jack for personal media players (front panel)
- Home theatre bypass mode

4x RCA line in, 1x XLR line in, 1x 1/8" mini-jack in, 1x RCA pre out, 1x RCA fixed out, 1x 1/4" jack headphone out, 2x 100 @ 8Ohm, 1x speaker out, SimLink™, 12V trigger, RS232 port, remote controlled, 429 x 89 x 376mm WHD, 13kg

4680

340i D3P X

### Integrated amplifier with DSD DAC and MM/MC phono stage

The 340i D3PX has the same features as the 340iX, but adds a high-performance and very versatile DSD DAC and a fully configurable MM/MC phono stage:

- As Nêo 340iX
- DAC with up to 32bit/384kHz and DSD256
- MM/MC phono stage

As Nêo 340iX, in addition: 1x async USB in (up to 32bit/384kHz and DSD256), 1x TOS in, 2x SPDIF in (up to 24bit/192kHz), 1x MM/MC in

5680

**Preamplifiers**

390



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**Preamplifier, DAC and Network Player**

The MOON 390 is a multi-function crossover type product that has the function of a modern network player, DAC, preamplifier, headphone amplifier, and phono stage. Also the 390 benefits from MiND 2.2 streamer technology. Key features are: • Access to Tidal, Deezer, Qobuz and Highresaudio Music Services and Tune-In Internet radios • Multi-room synchronized playback • Streaming of local source to other zones • MQA and DSD decoding • ROON ready • High End ESS DAC PRO chipset • Up to 32-bits / 384 kHz sampling rate (USB) • HDMI 2.0 switcher (4k, HDCP 2.2) • Menu-configurable MM/MC phono stage • Dedicated headphone amplifier • OLED screen  
Digital audio inputs: 1x SPDIF, 1x TOS, 1x AES (up to 24bit/192kHz), 1x async USB (up to 32bit/384kHz and DSD256), 1x Bluetooth aptX  
Analog audio inputs: 1x Phono MM/MC, 1x Line RCA, 1x Line XLR  
Audio output: 1x RCA pre, 1x XLR pre, 1x RCA fixed, 1x 1/4" jack headphone  
AV in-/outputs: 4x HDMI in, 1x HDMI out with ARC  
Communication: 1x USB-A in to connect harddrives or memorysticks, 2x WiFi, Dual Ethernet, SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled  
Dimensions 429 x 89 x 366mm WHD, weight 11kg

5980

**Power amplifiers**

330A



black = standard colour  
others = special order

**Stereo power amplifier**

Bred directly from the Series, the 330A represents not only an amazing value, but also amazing sound. Vocals and cymbals float in a musical space filled with the air and natural ambience of a musical performance. • Fully balanced differential circuitry • Precision matched proprietary MOON Bipolar output transistors for improved bass response and accurate sonic reproduction • Oversized power supply using a custom proprietary toroidal transformer design • High damping factor yielding superior musical dynamics, improved signal speed and refined timbre accuracy • Class A output up to 5w for greater efficiency • Optimized selection of very high quality electronic components  
2x 125w @ 8Ohm, 1x RCA in, 1x XLR in, 1x speaker out, SimLink™, 12V trigger, RS232 port, 429 x 89 x 356mm WHD, 15kg

4280

400M



black = standard colour  
others = special order

**Mono power amplifier (price per pair)**

Extremely powerful, yet with a delicacy and articulation of the best amplifiers out there, the 400M can take on virtually any loudspeaker you connect it to. • Fully balanced differential circuitry • Precision matched proprietary MOON Bipolar output transistors for improved bass response and accurate sonic reproduction • Oversized power supply using a custom proprietary toroidal transformer design • High damping factor yielding superior musical dynamics, improved signal speed and refined timbre accuracy • Class A output up to 10w for greater efficiency • Optimized selection of very high quality electronic components  
1x 400w @ 8Ohm, 1x RCA in, 1x XLR in, 1x speaker out, SimLink™, 12V trigger, RS232 port, 429 x 89 x 356mm WHD, 15kg

8680

## Headphone amplifiers

230HAD



black = only colour



Headphone amplifier with DSD DAC

Based heavily on the reference 430HA headphone amp, the Nêo 230HAD features a high performance DAC that can be used with any digital source and a line-stage preamplifier all housed in one very stylish package. • Transconductance circuit topology • DAC with up to 32bit/384kHz and DSD256 • Outputs include one 1/4" jack and two pairs of RCA's, one variable, one fixed

1x async USB in (up to 32bit/384kHz and DSD256), 1x TOS in, 2x SPDIF in (up to 24bit/192kHz), 1x RCA line in, 1x 1/8" mini-jack in, 1x 1/4" jack headphone out, 1x RCA pre out, 1x RCA fixed out, remote controlled, 178 x 76 x 280mm WHD, 2.8kg

1680

430HA



black = standard colour  
others = special order



Headphone amplifier

For headphone enthusiasts who desire perfection, the fully balanced, purely analogue Nêo 430HA is the ultimate solution. Borrowing several technologies developed for our costlier series (M-LoVo, M-eVOL2) while incorporating the most advanced analogue audio circuitry, it will achieve the very best possible sonic performance from your headphones. A DSD DAC is available as an option. 430HA's key design features are: • Oversized power supply • Fully balanced differential circuitry • Discrete transconductance circuit topology • Four stages of M-LoVo (MOON Low Voltage) DC regulation circuit to significantly lower the noise floor • M-eVOL2 volume control with 530 steps and channel matching of 0.1dB • Selectable gain setting (14 or 20dB) • Outputs include a pair of 3-pin XLR, one 4-pin XLR and one 1/4" jack

2x RCA line in, 1x XLR line in, 1x 1/8" mini-jack in, 2x 3-pin XLR headphone out, 1x 4-pin XLR headphone out, 1x 1/4" jack headphone out, 1x RCA pre out, 1x XLR pre out, 1x RCA fixed out, SimLink™, 12V trigger, RS232 port, remote controlled, 429 x 89 x 351mm WHD, 9kg

3880

430HAD

Headphone amplifier with DSD DAC

The Nêo 430HAD has the same features as the 430HA, but adds a high-performance and very versatile DSD DAC: • As Nêo 430HA • DAC with up to 32bit/384kHz and DSD256  
As Nêo 430HA, in addition: 1x async USB in (up to 32bit/384kHz and DSD256), 1x TOS in, 2x SPDIF in (up to 24bit/192kHz)

4880

<b>Accessories Evolution series</b>		
Bridges (Black)	Black joints (set of 4) for stacking one unit onto another	500
Bridges (Silver)	Silver joints (set of 4) for stacking one unit onto another	500
Flat Cones (Kit)	For use instead of spikes (set of 4)	175
<b>General accessories</b>		
XLR Bridge	XLR Bridge Bridging adaptor cable allows the following 2-channel amplifiers to be used as monoblocks: 330A, 860A and 870A. Length 300mm, connects to existing balanced cable.	300
RCA-DC-Filter	RCA DC filter In-line filter, which reduces DC from the signal path, resulting in more efficient use of amplifier power and reliability. Recommended only when amplifier shuts down due to DC detection from preamp or source. Requires user to have one extra set of cables	125
XLR-DC-Filter	XLR DC filter In-line filter, which reduces DC from the signal path, resulting in more efficient use of amplifier power and reliability. Recommended only when amplifier shuts down due to DC detection from preamp or source. Requires user to have one extra set of cables	250
CRM-3	System remote control Will operate all MOON IR-capable 2-channel components including many older models. Use also as substitute for CRM, CRM2, SRM, SRM2, Celeste and RM-50	100
FRM-3	Backlit system remote control Milled from solid aluminium. Will operate all MOON IR-capable 2-channel models including most older ones. Use also as an upgrade for CRM, SRM, SRM-2, Celeste and RM-50	425
<b>Upgrades N5o Series</b>		
P Phono > 340i / i3.3 / 350P	Adds MM/MC phono stage to 340i and 350P	480
MiND 2 > ACE / 280D / 380D / 780D / MiND	Adds MiND 2 module to ACE, 280D, 380D, 780D and MiND	980
D3 DAC > 340i / i3.3 / 350P / 430HA	Adds D3 DAC (up to 32bit/384kHz and DSD 256) to 340i, 350P and 430HA	980
V > 380D	Adds variable output to 380D	775
X Balanced > 340i / i3.3 / 350P	Adds balanced output to 340i and 350P	400
DAC + ANALOG > 260DT	Adds DAC (up to 24bit/192kHz and DSD 256) and analogue output to 260DT	1250