

## MOON by Simaudio, Mai 2021

Garantie 5 ans, Prix in CHF, Tva incluse, product and price changes reserved, replaces all previous price lists

### 100-400 Series

#### All-in-one

Ace



black = standard colour  
twotone = special order



All-in-one

Featuring our MiND 2 module providing access to your digital music library and streaming services, the ACE is used. It does virtually anything expected of a high-performance audio component of this nature.

- DAC with up to 32bit/384kHz and DSD256 • MQA and DSD decoding • Multi-room synchronized playback • ROON ready • Bluetooth aptX • AirPlay 2 • Qobuz, Tidal, Spotify, Deezer, Highresaudio and Tune-In internet radio • MM phono stage • Discrete headphone amplifier • Home theatre bypass mode • OLED screen
- 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, 1x WiFi, 1x Ethernet (up to 32bit/384kHz and DSD256), SimLink™, SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled, 429 x 89 x 366mm WHD, 11kg

3580

#### Streaming Packs

SP 280D MiND 2 | 250i

SP 280D MiND 2 | 340iX

SP 390 | 330A

SP 680D | 600i V2

SP 680D | 700i V2

280D MiND 2 Streamer and DSD DAC + 250i Integrated

280D MiND 2 Streamer and DSD DAC + 340iX Integrated

390 Streamer, DSD DAC and Preamplifier + 330A Poweramplifier

680D Streamer and DSD DAC + 600i V2 Integrated

680D Streamer and DSD DAC + 700i V2 Integrated

5080

7180

9880

17480

21980

#### Streamers and DACs

280D



black = standard colour  
others = special order



Streamer and DSD DAC

Along with our MiND 2 streaming platform and a fully balanced analogue stage the extraordinary digital engine in the 280D results in a level of fidelity that instantly creates an emotional connection to your music.

- DAC with up to 32bit/384kHz and DSD256 • MQA and DSD decoding • Multi-room synchronized playback • ROON ready • Bluetooth aptX • AirPlay 2 • Qobuz, Tidal, Spotify, Deezer, Highresaudio and Tune-In internet radio • 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 RCA out, 1x XLR out, 1x WiFi, 1x Ethernet (up to 32bit/384kHz and DSD256), SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled  
Dimensions 429 x 89 x 333mm WHD, 7.5kg

3280

390



black = standard colour  
others = special order



Preamplifier, DSD 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.

- DAC with up to 32bit/384kHz and DSD256 • MQA and DSD decoding • Multi-room synchronized playback • Streaming of local source to other zones • ROON ready • Bluetooth aptX • AirPlay 2 • Qobuz, Tidal, Spotify, Deezer, Highresaudio and Tune-In internet radio • 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)

Analog audio inputs: 1x Phono MM/MC, 1x Line RCA, 1x Line XLR

Audio outputs: 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, 1x Dual Ethernet (up to 32bit/384kHz and DSD256), SimLink™, SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled


429 x 89 x 366mm WHD, 11kg

6280

**Streamers and DACs continued**

MiND 2



black = only colour 

**Network Streaming Music Player**

2080

The MiND 2 outputs a digital audio signal to any DAC. It is the second generation of MOON intelligent Network Device. The control center of a MiND 2 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 allows to control any SimLink equipped MOON system and adjust the volume on the connected amplifier maintaining the true fidelity of the music.




- MQA and DSD decoding • ROON ready • UPnP Compatibility • Bluetooth aptX • AirPlay 2
- Qobuz, Tidal, Spotify, Deezer, Highresaudio and Tune-In internet radio • Multiroom synchronized playback • Play queue mixing multiple sources capability (tracks from various services)

1x AES out, 1x TOS out, 1x SPDIF out, 1x WiFi, 1x Ethernet (up to 32bit/384kHz and DSD256), SimLink™, SimLink™, 12V trigger, RS232 port, MiND 2 app controlled, 178 x 76 x 280mm WHD, 3.1kg

**CD transports**

260D



black = standard colour     
others = special order

**CD Transport and DAC**

3380

Being a CD Transport and a DAC the 260D provides superb flexibility. At its price point it offers class leading performance.

- 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

260DT

**CD transport**


2280

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

**Phono preamplifiers**

110LP V2



black = only colour 

**Phono preamplifier**

680


The MOON 110LP V2 stands for a high quality yet affordable analogue playback.

- 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

310LP



black = only colour 

**Phono preamplifier**

2080

The 310LP elevates the performance of its highly acclaimed predecessor to another level.

- 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) • Balanced circuit design with accurate matching of the very finest high quality electronic components

1x RCA in, 1x RCA out, 1x XLR out, 178 x 76 x 280mm WHD, 3.1kg

## 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.

- DAC with up to 32bit/384kHz and DSD256 • MM phono stage • Discrete headphone amplifier circuit • Home theatre bypass mode • OLED screen

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 @ 80hm, 1x speaker out, SimLink™, 12V trigger, RS232 port, remote controlled, 429 x 89 x 366mm WHD, 11kg

2780

250i



black = standard colour  
others = special order



Integrated amplifier

Well respected and known for exceptional quality-to-price ratio, the 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 @ 80hm, 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 an Integrated Amplifier. Combining high power, sonic finesse and superb flexibility, the 340iX will seduce with its musical authority and rich, engaging lifelike sound quality.

- 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 @ 80hm, 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

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

As 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

5780

## Preamplifier

390



black = standard colour  
others = special order



Preamplifier, DSD 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.

- DAC with up to 32bit/384kHz and DSD256 • MQA and DSD decoding • Multi-room synchronized playback • Streaming of local source to other zones • ROON ready • Bluetooth aptX • AirPlay 2 • Qobuz, Tidal, Spotify, Deezer, Highresaudio and Tune-In internet radio • 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)

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, 1x Dual Ethernet (up to 32bit/384kHz and DSD256), SimLink™, SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled

429 x 89 x 366mm WHD, 11kg

6280

**Power amplifiers**  
330A



black = standard colour  
others = special order

**Stereo power amplifier (bridgeable)**

4380

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

400M



black = standard colour  
others = special order

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

8980

Extremely powerful, yet with a delicacy and articulation, 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

**Headphone amplifiers**

230HAD



black = only colour

**Headphone amplifier with DSD DAC**

1680

Based heavily on the reference 430HA headphone amp, the 230HAD features a high performance DAC that can be used with any digital source and a line-stage preamplifier.

- Transconductance circuit topology
- DAC with up to 32bit/384kHz and DSD256
- 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

430HA



black = standard colour  
others = special order

**Headphone amplifier**

3880

For headphone enthusiasts who desire perfection, the fully balanced, purely analogue 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.

- 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

430HAD

**Headphone amplifier with DSD DAC**

4980

- As 430HA
- DAC with up to 32bit/384kHz and DSD256

As 430HA, in addition: 1x async USB in (up to 32bit/384kHz and DSD256), 1x TOS in, 2x SPDIF in (up to 24bit/192kHz)

## 600-800 series

### CD Transport and DAC

650D



black = standard colour  
others = special order



#### CD Transport and DAC

At still an accessible price point the 650D yields a very high level performance.

- MOON's proprietary CD drive system • M-Quattro gel-based 4-point floating suspension for vibration damping • Separate digital and analogue power supplies • Power supply voltage regulation includes i2DCf (Independent Inductive DC Filtering) • Fully balanced circuitry featuring our M-AJiC32 circuitry (an asynchronous jitter elimination system) built around the ESS SABRE32 Ultra DAC operating in 32-bit Hyperstream™ • Fully compatible with 820S external power supply

1x async USB in, 1x TOS in, 1x SPDIF in, 1x AES in (up to 24bit/192kHz), 1x SPDIF out, 1x AES out, 1x RCA out, 1x XLR out, SimLink™, 12V trigger, RS232 port, remote controlled, 476 x 102 x 427mm WHD, 16kg

8980

### Streamer and DSD DAC

680D



black = standard colour  
others = special order



#### Streamer and DSD DAC

The 680D is an exceptional model that enhances the user's experience through its design inspired by the 780D V2. It decodes all digital formats and it will stream your entire digital music catalogue with a sound quality at the purest level.

- DAC with up to 32bit/384kHz and DSD256 • MQA and DSD decoding • Multi-room synchronized playback • ROON ready • Bluetooth aptX • AirPlay 2 • Qobuz, Tidal, Spotify, Deezer, Highresaudio and Tune-In internet radio • Improved jitter-free digital signal for ultra-low distortion due femto second clock • Fully balanced differential analogue output circuitry • Power supply using new MOON Hybrid Power (MHP) technology • Fully compatible with 820S external power supply

1x async USB in (up to 32bit/384kHz and DSD256), 1x AES, 1x TOS in, 2x SPDIF in (up to 24bit/192kHz), 1x RCA out, 1x XLR out, 2x WiFi, 1x Ethernet (up to 32bit/384kHz and DSD256), SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled, 476 x 102 x 460mm WHD, 16kg

9980

780D V2



black = standard colour  
others = special order



#### Streamer and DSD DAC

The 780D V2 establishes a new standard for reference level digital playback. Incredibly flexible and future proof it will unleash dynamics and detail that you never thought existed in your digital audio files. Offering almost every kind of digital input, the 780D V2 also includes our MiND 2 (MOON intelligent Network Device) streaming technology.

- DAC with up to 32bit/384kHz and DSD256 • MQA and DSD decoding • Multi-room synchronized playback • ROON ready • Bluetooth aptX • AirPlay 2 • Qobuz, Tidal, Spotify, Deezer, Highresaudio and Tune-In internet radio • Full digital monitor loop on S/PDIF to accommodate external devices such as a room correction component • Improved jitter-free digital signal for ultra-low distortion due femto second clock • Fully balanced differential analogue output circuitry • Power supply using new MOON Hybrid Power (MHP) technology for exceptionally stable, ultra low noise DC output • Fully compatible with 820S external power supply

1x async USB in (up to 32bit/384kHz and DSD256), 1x AES, 1x TOS in, 2x SPDIF in (up to 24bit/192kHz), 1x RCA out, 1x XLR out, 2x WiFi, 1x Ethernet (up to 32bit/384kHz and DSD256), SimLink™, 12V trigger, RS232 port, remote and MiND 2 app controlled, 476 x 102 x 460mm WHD, 16kg

15480

### Phono preamplifiers

610LP



black = standard colour  
others = special order



#### Phono preamplifier

The 610LP is a purist design heavily based on the reference grade 810LP.

- Fully balanced circuit design • 64 resistance loading settings, 16 capacitance loading settings and 16 gain level settings • Two different equalization curves (RIAA or IEC curve) selectable • Power supply voltage regulation includes i2DCf (Independent Inductive DC Filtering) • Special pi-type filter after the initial voltage rectification stage to reduce AC transmission noise • Fully compatible with 820S external power supply

1x RCA in, 1x XLR in, 1x RCA out, 1x XLR out, 476 x 102 x 427mm WHD, 18kg

7480

810LP



black = standard colour  
others = special order



#### Phono preamplifier

The 810LP is our statement in terms of phono preamplification. It results of a unique combination of customized parts in an ultra-refined audio circuit, mounted on a gel based floating suspension and fed by a unique power supply.

- Fully balanced circuit design • Numerous adjustments for resistance loading, capacitance loading and gain level • Two different equalization curves (RIAA or IEC curve) selectable • Special pi-type filter after the initial voltage rectification stage to reduce AC transmission noise • Four stages of M-LoVo (MOON Low Voltage) DC regulation circuit to significantly lower the noise floor • Power supply voltage regulation includes i2DCf (Independent Inductive DC Filtering) • Customized parts include metallized polypropylene film capacitors +/-1 • Audio circuit board mounted on 5-point gel based floating suspension • Fully compatible with 820S external power supply

1x RCA in, 1x XLR in, 1x RCA out, 1x XLR out, 476 x 102 x 427mm WHD, 18kg

12980



## Integrated amplifiers

600i V2



black = standard colour  
others = special order



### Integrated amplifier

The 600i MkII is a fully differential dual-mono design, offering an astounding level of authority, finesse and control.

- Fully differential dual-mono design
- Oversized dual-mono power supply
- Lynx Technology eliminating feedback
- Precision matched proprietary MOON Bipolar output transistors
- M-eVOL2 volume control with 530 steps, allowing for an extremely precise level adjustment
- Class A output up to 5w for greater efficiency
- Gain offset adjustment of  $\pm 10\text{dB}$  for each line input
- Each line input fully configurable as home theatre bypass
- PSU capacity 2x 400VA, PSU capacitance 80000uF, 2x 125 @ 80hm, 4x MOON Bipolars per channel, 4x RCA line in, 1x XLR line in, 1x RCA pre out, 1x speaker out, SimLink™, 12V trigger, RS232 port, remote controlled, 476 x 102 x 460mm WHD, 21kg

9480

700i V2



black = standard colour  
others = special order



### Integrated amplifier

Intended to meet the needs of the most demanding music connoisseurs the 700i is the ultimate Integrated Amplifier. Using the latest MOON technologies, it offers superb authority, finesse and control.

- Fully differential dual-mono design
- Oversized dual-mono power supply
- Lynx Technology eliminating feedback
- Precision matched proprietary MOON Bipolar output transistors
- M-eVOL2 volume control with 530 steps, allowing for an extremely precise level adjustment
- Class A output up to 5w for greater efficiency
- Gain offset adjustment of  $\pm 10\text{dB}$  for each line input
- Each line input fully configurable as home theatre bypass
- PSU capacity 2x 500VA, 1x 25VA, PSU capacitance 68000uF, 2x 175 @ 80hm, 6x MOON Bipolars per channel, 4x RCA line in, 1x XLR line in, 1x RCA pre out, 1x XLR monitor RCA in/out, 1x speaker out, SimLink™, 12V trigger, RS232 port, remote controlled, 476 x 140 x 460mm WHD, 27kg

14480

## Preamplifiers

740P



black = standard colour  
others = special order



### Preamplifier

The 740P is a dual-mono fully balanced differential design, following in the footsteps of the reference 850P preamplifier. It uses various in-house developed technologies that help create an astounding level of performance.

- Power supply voltage regulation includes i2DCf (Independent Inductive DC Filtering, 1 inductor for each and every IC in the audio circuit's signal path – 24 stages in all)
- 4 stages of our M-LoVo (MOON Low Voltage DC regulation), a highly sophisticated circuit virtually free of noise, yielding exceptionally fast, precise, and very stable DC voltage
- M-eVOL2 volume control with 530 steps allowing for an extremely precise level adjustment
- Gain offset adjustment of  $\pm 10\text{dB}$  for each line input
- Each line input fully configurable as home theatre bypass
- Fully compatible with 820S external power supply
- 3x RCA line in, 2x XLR line in, 1x RCA pre out, 1x XLR pre out, 1x RCA fixed out, SimLink™, 12V trigger, RS232 port, 476 x 102 x 419mm WHD, 16kg

8980

850P



black = standard colour  
others = special order



### Preamplifier

Extensive research and development, coupled with recent advancements in electronic parts have provided the foundation to design the 850P, the most advanced MOON preamplifier to date. Targeted to the discerning listener who desires uncompromising musical reproduction.

- Two chassis design with one chassis housing power supply, digital controller circuitry, software processing and LED display, whereas the second chassis only contains audio circuitry
- Power supply voltage regulation includes i2DCf (40 stages in all)
- M-Octave gel based damping system eliminating microphonics
- M-Ray volume control
- M-Lock maximum volume setting for each line input
- Gain offset adjustment of  $\pm 10\text{dB}$  for each line input
- Each line input fully configurable as home theatre bypass
- 4x RCA line in, 3x XLR line in, 1x RCA pre out, 2x XLR pre out, 1x RCA fixed out, 1x tape monitor RCA in/out, 1x tape monitor XLR in/out, SimLink™, 12V trigger, RS232 port, remote controlled, 476 x 102 x 419mm WHD (each, pre and psu), 67kg (total)

32980