



EXPERT

AUDIOPHILE EVOLUTIVE SYSTEM

Newest Inventions Munich High End Show 2015

INVENTED BY

DEVIALET

INGÉNIERIE ACOUSTIQUE DE FRANCE



EXPERT

DEVIALET



DESIGNED FOR THE MOST DEMANDING MUSIC LOVERS,  
DEVIALET EXPERT IS THE ULTIMATE AUDIOPHILE SYSTEM.

MORE THAN JUST AN AMPLIFIER, DEVIALET REINVENTS AND  
COMBINES FOR THE FIRST TIME ALL THE ESSENTIAL ELEMENTS  
(PREAMPLIFIER, AMPLIFIER, DAC, STREAMER) FOR AN EXPERT  
AUDIOPHILE LISTENING IN ONE UNIQUE SLAB. A PERFECT  
ELECTRONIC ARCHITECTURE FOR EXCEPTIONAL PERFORMANCES.

YOUR DEVIALET EXPERT IS UNIQUE: THOUSANDS OF CONFIGURATIONS  
ARE POSSIBLE FOR EXTRAORDINARY MUSIC EXPERIENCES.  
FROM ANY SOURCE, NO MATTER THE SPEAKERS.

**DEVIALET**

DEVIALET EXPERT RELEASES AT MUNICH  
HIGH END SHOW 2015



The 8.0 firmware release opens incredible new possibilities for the most exigent of audiophiles. New functionalities, more options: Devialet keeps its promise and your Devialet Expert system evolves.



This amazing innovation takes the SAM technology to a radical new level: SAM LAB

## FIRMWARE 8.0

### NEW FUNCTIONALITIES

DSD COMPATIBILITY

ICM INTELLIGENT CINEMA MODE

DPM DYNAMIC POWER MANAGEMENT

PHONO STAGE EXPANDED FUNCTIONALITIES

SAM V2 SPEAKER ACTIVE MATCHING

### **New Firmware Release: the latest Audiophile Update**

#### **RAM Record Active Matching, Your Vinyl Records at their best**

RAM® Devialet's exclusive technology adapts in real time the phono stage parameters, including: EQ curves, mix mode, cartridge sensitivity and loading parameters.

#### **MAT Minimal Arithmetic Transform, Supporting DSD64 format**

MAT®, Devialet's exclusive technology is a lossless processing, involving less than 10 bit perfect additions to perform a 128 taps linear phase FIR filter.

**SAM® V2** is now able to model the most complex speakers, even those with passive radiators.

**Intelligent Cinema Mode:** Devialet transfigures your soundtracks, making voices and sound details more audible.

**Dynamic Power Management:** The power supply adapts continuously to the music playing for greater energetic efficiency.

DEVIALET

DIRECT STREAM DIGITAL



### **MAT - Minimal Active Matching DSD compatibility on your favorite inputs**

With the addition of DSD support, Devialet takes a step forward towards computer audio and extreme audiophile formats.

Devialet Expert now supports DSD64 (1x) in DoP mode (DSD over PCM) on the USB input.

Driven by our concern for excellence, this audiophile format is also supported on S/PDIF (optical and coaxial) and AES/EBU inputs. Your Devialet Expert system gains in versatility.

Enjoy your .dff .dsf files and iso SACD images like never before.

### **Intelligent Cinema Mode**

The full performances of your power supply, for an unprecedented movie experience.

This new mode allows your Devialet Expert system to optimize the dynamics of the incoming audio content, giving you a way to enjoy your favorite movies without having to make any compromises on your experience.

The full power capability of your system is maintained. Your movies have never sounded so good.





DEVIALET  
DAMP / rev 5.4

GND

47  
2K4

47  
2K4

47  
2K4

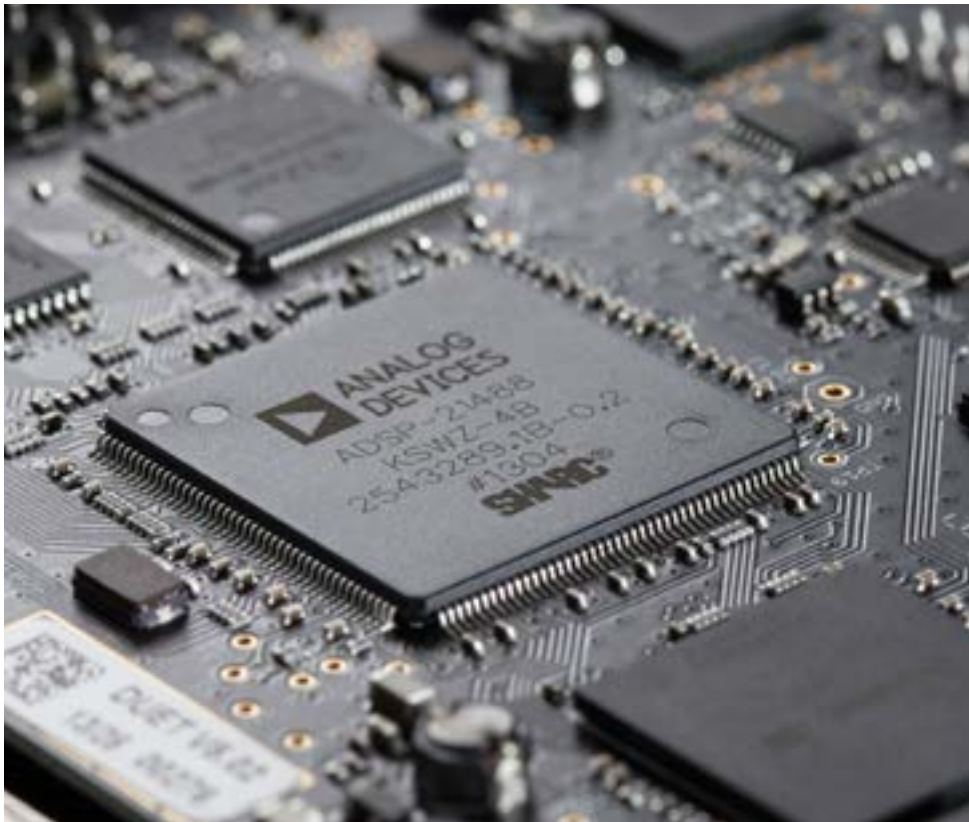
47  
2K4

47  
2K4

47  
2K4

DEVIALET

## DYNAMIC POWER MANAGEMENT



### **Dynamic Power Management** **The right amount of power, at the right time.**

Devialet's engineers introduce the Dynamic Power Management.

Taking advantage of the system's intelligence, the power supply of your Devialet Expert system now continuously tracks the energy required by the musical content playing at any given moment.

This incredible new feature allows an optimal synergy between the ADH cores and the power supply. For an increased and never seen before overall efficiency.



**RAM - Record Active Matching**  
**Not one phono stage, but your phono stage.**

The functional richness of the Devialet Expert phono stage is a world first. Available on the entire Devialet Expert range, this upgrade of the phono stage allows you to modify in real time all the following parameters, for a perpetually renewed audiophile vinyl experience:

- Equalization curves
- Mix mode
- Max level of the cartridge
- Loading parameters of the cartridge

The 8.0 upgrade allows you to access 11 new equalization curves, to restore the original quality of your favorite vinyl records:

- AES
- NAB
- RCA
- COLUMBIA
- EMI
- DECCA
- L'OISEAU LYRE
- TELEFUNKEN
- CAPITOL
- MGM
- ESOTERIC

Introduce your records to your system.

DEVIALET

## SAM<sup>®</sup> SPEAKER ACTIVE MATCHING



### SAM V2

**The most complex speakers in the world finally reveal their full potential.**

Presented in 2014 at the High End Munich show, the SAM<sup>®</sup> (Speaker Active Matching) technology, included in the Devialet systems precisely adapts the audio signal to the characteristics of your speaker model. This is made possible thanks to the powerful DSP located at the heart of every Devialet system.

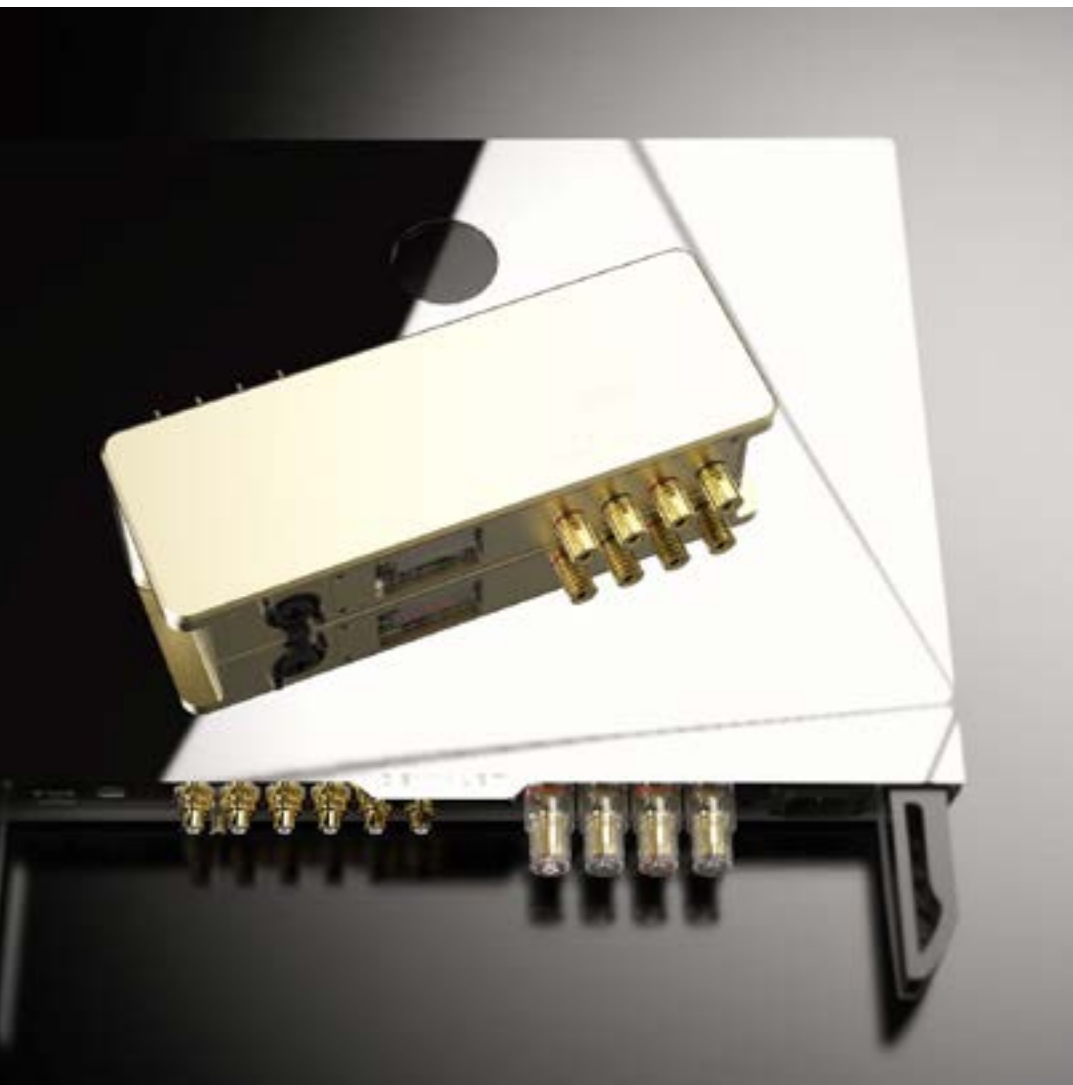
Driven in this way, your speakers are protected and can express their full potential.

In 2015, in order to make as many speakers SAM Ready as possible, Devialet continues to innovate with SAM V2 and expands this technology to the most complex speaker models.

Devialet's engineers bring SAM to the world:  
From May 2014 to May 2015, 220 speaker models have been made SAM Ready.

Don't forget to vote for SAM on [devialet.com/voteforsam](http://devialet.com/voteforsam)





**SAM**lab

HIGH PRECISION MEASUREMENT CAPABILITIES

PORTABLE SIZE

EASY TO OPERATE

**In 2015, Devialet's acoustic engineers miniaturize the whole SAM Laboratory into a portable equipment. SAM Lab is born.**





**The engineers ultimate equipment to SAM every speaker.**

A true technological marvel, SAM Lab will now allow Devialet engineers to progress more rapidly in their mission of making every speaker in the world SAM® ready.



Devialet will have every major speaker model SAM Ready by the end of 2015



# TECH SPECS

STEREO	
Le 120	Le 200
2x120 Watts Stereo THD + N : 0,001%	2x200 Watts Stereo THD + N : 0,001%
 	 
<p>2x120 Watts 6Ω THD 0,001%</p> <p>Universal Devialet AIR streamer (Wi-Fi and Ethernet)                      Bi-directional asynchronous USB (for LP digitizing)                      Optical inputs (TOS and TOS mini) Configurable coaxial connectors :</p> <ul style="list-style-type: none"> <li>&gt; Line or phono stage</li> <li>&gt; Digital inputs</li> <li>&gt; Pre-amplified output mono/ stereo (optional)</li> </ul>	<p>2x200 Watts 6Ω THD 0,001%</p> <p>Universal Devialet AIR streamer (Wi-Fi and Ethernet)                      Bi-directional asynchronous USB (for LP digitizing)                      Optical inputs (TOS and TOS mini) Configurable coaxial connectors :</p> <ul style="list-style-type: none"> <li>&gt; Line or advance phono stage (MM/MC) &gt; Digital inputs</li> <li>&gt; Pre-amplified analog mono output (for active subwoofer)</li> <li>&gt; Pre-amplified analog stereo output (for headphones)</li> <li>&gt; Digital output (LP digitizing) AES/EBU input</li> </ul> <p>Chainability capacity, up to 8 units</p>
€4.990	€6.990



DUAL MONO	
Le 400	Le 800
2x400 Watts Mono THD + N : 0,00025%	2x800 Watts Mono THD + N : 0,00025%
	
<p>2x400 Watts 6Ω THD 0,00025%</p> <p>Universal Devialet AIR streamer (Wi-Fi and Ethernet)                      Bi-directional asynchronous USB (for LP digitizing)                      Optical inputs (TOS and TOS mini) Configurable coaxial connectors :</p> <ul style="list-style-type: none"> <li>&gt; Line or advance phono stage (MM/MC)</li> <li>&gt; Digital inputs</li> <li>&gt; Pre-amplified analog mono output (for active subwoofer)</li> <li>&gt; Pre-amplified analog stereo output (for headphones)</li> <li>&gt; Digital output (LP digitizing) AES/EBU input</li> </ul> <p>Chainability capacity, up to 8 units</p>	<p>2x800 Watts 6Ω THD 0,00025%</p> <p>Universal Devialet AIR streamer (Wi-Fi and Ethernet)                      Bi-directional asynchronous USB (for LP digitizing)                      Optical inputs (TOS and TOS mini) Configurable coaxial connectors :</p> <ul style="list-style-type: none"> <li>&gt; Line or advance phono stage (MM/MC)</li> <li>&gt; Digital inputs</li> <li>&gt; Pre-amplified analog mono output (for active subwoofer)</li> <li>&gt; Pre-amplified analog stereo output (for headphones)</li> <li>&gt; Digital output (LP digitizing) AES/EBU</li> </ul> <p>Chainability capacity, up to 8 units</p> <p>Unique hand-polished aluminium chassis</p>
€12.900	€22.900

# DEVIALET

## TECH SPECS - LE 120 + LE 200

BOX CONTENT	
Le 120	Le 200
1 Devialet 120 Audio System	1 Devialet 200 Audio System
1 Devialet remote control including batteries 1 power supply cable, country-specific 1 SD Card to apply custom configurations to the Devialet	
User Manual for Devialet 120	User Manual for Devialet 200
1 Warranty booklet 1 microfiber cleaning cloth 1 pair of gloves	

AMPLIFICATION TECHNOLOGY	
Le 120	Le 200
Analog/Digital Converter component TI PCM4202, 24 bit/192 kHz - upsampling of all content	Analog/Digital Converter component TI PCM4220, 24 bit/192 kHz - upsampling of all content
DSP 400 MHz 4 channels 40 bit/384 kHz floating point Single Ultra High Precision clock, low jitter Patented ADH Core (Analog Digital Hybrid) Patented Ultra Linear Class A Patented «Magic Wire» Digital/Analog Converter-component TI PCM1792, 24 bit/192 kHz Patented Switched Mode Power Supply 600W, peak 3000W	

AMPLIFIER PERFORMANCE	
Le 120	Le 200
THD+N (harmonic distortion) at full power: 0.001% IMD (intermodulation) SMTPE: 0.001% SNR (Signal-to-Noise ratio): 130 dB-A No measurable thermal distortion Output impedance: <0.001 Ω Bandwidth, digital inputs @ 8 to 2Ω load: DC-87kHz (-3dB), DC-60kHz (-1dB), DC- 30kHz (-0.1dB); analog inputs: same except 0.1Hz (-3dB)	

POWER	
Le 120	Le 200
2x120 Watts under 6Ω	2x200 Watts under 6Ω
Adjustable from 30 to 120W through le Configurateur	Adjustable from 30 to 200W through le Configurateur
Low Power D-Amp with 1 transformer and 4 inductors per channel	High Power D-Amp with 3 transformers and 12 inductors per channel
Compatible with any 1 to 16Ω speaker	

WIRELESS	
Le 120	Le 200
Asynchronous Wi-Fi streamer Devialet AIR - Bit perfect streaming to the Devialet of any data stored or played by a computer, a smartphone or a tablet PC. Stream any format up to 24 bit/192 kHz.	

DAISY CHAINING	
Le 120	Le 200
	Configurable through le Configurateur as Mono block for Dual-Mono. Max power as Mono block: 400W

POWER SUPPLY	
Le 120	Le 200
Universal power supply with auto calibration 80V-265V - 50/60Hz Country-specific power cord	

INPUT/OUTPUT	
Le 120	Le 200
1 Optical Toslink 1 combined Optical Jack & RS232 Mini 3.5mm 1 USB for computer 1 Ethernet RJ45 for connection to LAN	
	1 professional AES/EBU inputs (XLR format)
2 coaxial digital inputs	4 coaxial digital inputs (2 of them can be changed into analog Line Inputs)
1 Line/Phono MM input - Adjustable Gain and sampling frequency (96 or 192 KHz)	1 advanced Phono input fully configurable, MM or MC, load, sensitivity, RIAA standard (1953 or 1976)
1 Trigger 1 ground-post for the turntable 4 universal connectors (banana or spades) for speaker cables connections	
Subwoofer output with cut-off frequency adjustment through the online configuration tool (optional)	Subwoofer output with cut-off frequency adjustment through the online configuration tool
	Digital Output to digitize LPs, with sampling frequency and level adjustment
Preamplified Stereo Output for headphones or two subwoofers (optional)	Preamplified Stereo Output for headphones or two subwoofers

FREE APPLICATIONS	
Le 120	Le 200
Universal Wi-Fi streamer (Devialet AIR) for MacOS or Windows, plays any content or live stream from a computer.  Compatible with all players (iTunes, VLC, WMP, ...) and all Internet radios or online services (Pandora, Spotify, Deezer, Qobuz, Wolfgang's Vault, Tunein, Opeo and thousands of others ...)  Devialet Remote App for iOS & Android with volume and source control and music file streaming	

ACCESSORIES	
Le 120	Le 200
Wall-mounting frame for Devialet 120	Wall-mounting frame for Devialet 200

WARRANTY	
Le 120	Le 200
5-year warranty	

RADIO REMOTE CONTROL	
Le 120	Le 200
Chassis milled from a single block of aluminum Dark Chrome finish 3 x AAA LR03 1,5V batteries (included) Battery lifespan under normal usage: 2 years	

WEIGHT AND DIMENSIONS	
Le 120	Le 200
383 x 383 x 40 ( W x D x H in mm)	
5.65 KG	5.9 KG

CHASSIS	
Le 120	Le 200
Milled from a single block of aluminium Dark Chrome Finish	

# DEVIALET

## TECH SPECS - LE 400 + LE 800

BOX CONTENT	
Le 400	Le 800
1 Devialet 400 Audio System	1 Devialet 800 Audio System
1 master unit fully equipped 1 companion unit (no remote, no Wi-Fi board) 1 Devialet remote control including batteries 2 power supply cables, country-specific 2 SD Cards to apply custom configurations to the Devialet 1 User Manual for master unit 1 User Manual for companion unit	
2 Warranty booklets 2 microfiber cleaning cloths 2 pairs of gloves	

AMPLIFIER TECHNOLOGY	
Le 400	Le 800
Analog/Digital Converter component TI PCM4220, 24 bit/192 kHz - upsampling of all content DSP 400 MHz 4 channels 40 bit/384 kHz floating point Single Ultra High Precision clock, low jitter Patented ADH Core (Analog Digital Hybrid) Patented Ultra Linear Class A Patented «Magic Wire» Digital/Analog Converter - component TI PCM1792, 24 bit/192 kHz Patented Switched Mode Power Supply 900W, peak 3000W	

AMPLIFICATION PERFORMANCE	
Le 400	Le 800
THD+N (harmonic distortion) at full power: 0.00025% IMD (intermodulation) SMTPE: 0.00025% SNR (Signal-to-Noise ratio): 133 dB-A No measurable thermal distortion Output impedance: <0.001 Ω Bandwidth, digital inputs @ 8 to 2 Ω load: DC-87kHz (-3dB), DC-60kHz (-1dB), DC- 30kHz (-0.1dB); analog inputs: same except 0.1Hz (-3dB)	

POWER	
Le 400	Le 800
2x220 Watts under 6Ω	2x400 Watts under 6Ω
Adjustable from 30 to 400W through le Configureur	Adjustable from 30 to 800W through le Configureur
High Power D-Amp with 3 transformers and 12 inductors per channel	
Compatible with any 1 to 8Ω speaker	

WIRELESS	
Le 400	Le 800
Asynchronous Wi-Fi streamer Devialet AIR - Bit perfect streaming to the Devialet of any data stored or played by a computer, a smartphone or a tablet PC. Stream any format up to 24 bit/192 kHz.	

DAISY CHAINING	
Le 400	Le 800
Configurable through le Configureur as 4 x 200W multi amplification system with active crossover	Configurable through le Configureur as 4 x 250W multi amplification system with active crossover

POWER SUPPLY	
Le 400	Le 800
Universal power supply with auto calibration 80V-265V - 50/60Hz Country-specific power cord	

INPUT/OUTPUT	
Le 400	Le 800
2 Optical Toslink 2 combined Optical Jack & RS232 Mini 3.5mm 2 USB for computer or USB-fitted turntable connection 1 Ethernet RJ 45 for connection to LAN 2 professional AES/EBU inputs (XLR format) 7 coaxial digital inputs (4 of them can be changed into analog Line Inputs) 4 advanced Phono inputs fully configurable, MM or MC, load, sensitivity, RIAA standard (1953 or 1976)	
1 Trigger 2 ground-posts for the turntable 8 universal connectors (banana or spades) for speaker cables connections Subwoofer outputs with cut-off frequency adjustment through the online configuration tool Digital Output to digitize LPs, with sampling frequency and level adjustment Preamplified Stereo output for headphones or subwoofers	
Subwoofer output with cut-off frequency adjustment through le Configureur (optional) Preamplified Stereo Output for headphones or two subwoofers (optional)	Subwoofer output with cut-off frequency adjustment through le Configureur Digital Output to digitize LPs, with sampling frequency and level adjustment Preamplified Stereo Output for headphones or two subwoofers

FREE APPLICATIONS	
Le 400	Le 800
Universal WiFi streamer (Devialet AIR) for MacOS or Windows, plays any content or live stream from a computer. Compatible with all players (iTunes, VLC, WMP, ...) and all Internet radios or online services (Pandora, Spotify, Deezer, Qobuz, Wolfgang's Vault, Tunein, Opeo and thousands of others ...) Devialet Remote App for iOS & Android with volume and source control and music file streaming	

ACCESSORIES	
Le 400	Le 800
Wall-mounting frame for Devialet 400	Wall-mounting frame for Devialet 800

WARRANTY	
Le 400	Le 800
Universal power supply with auto calibration 80V-265V - 50/60Hz Country-specific power cords	

RADIO REMOTE CONTROL	
Le 400	Le 800
Chassis milled from a single block of aluminum	Chassis milled from a single block of aluminum and hand-polished
Dark Chrome finish	
3 x AAA LR03 1,5V batteries	2 x AAA LR03 1,5V batteries
Battery lifespan under normal usage: 2 years Controllable through smartphone or tablet PC under iOS and Android	

WEIGHT AND DIMENSIONS	
Le 400	Le 800
383 x 383 x 40 ( W x D x H in mm) per unit	400 x 400 x 40,5 ( W x D x H in mm) per unit
5.9 Kg per unit	7 Kg per unit

CHASSIS	
Le 400	Le 800
Milled from a single block of aluminium	Milled from a single block of aluminium; hand-polished
Dark Chrome Finish	

## PRESS CONTACT

Charlotte Mouraret

[cmouraret@image7.fr](mailto:cmouraret@image7.fr)

+33153707428

+33689876217

Romain Grière

[rgriere@image7.fr](mailto:rgriere@image7.fr)

+33153707547

+33786531729



