The Devialet Founders: Quentin Sannié, Pierre-Emmanuel Calmel and Emmanuel Nardin.

Devialet origin: an invention which revolutionises sound processing.

Pierre-Emmanuel Calmel invented a revolutionary technology that transformed sound amplification: The ADH Intelligence. This first invention allowed hybridisation between digital and analog technologies, creating an unprecedented sound quality.

With Quentin Sannié and Emmanuel Nardin, he conceived and brought to market new systems of sound amplification which revolutionised for ever the sound quality and the listeners’ experience. Together they created Devialet, Ingénierie Acoustique de France.

3 founders, one common obsession: constant innovation

Devialet is a French company born in 2007 from the encounter of 3 complementary and explosive expertise: Pierre-Emmanuel Calmel, an engineer, Quentin Sannié, a visionary entrepreneur and Emmanuel Nardin, a designer of excellency.

Devialet, the world’s most awarded start-up for the excellency of its innovations in sound technologies.

Awards

88 Patents

Why Devialet?

The name Devialet refers to Sieur de Vialet, engineer and companion of Diderot, who participated in writing some articles for the Encyclopedia Française. The philosophy of Enlightenment is indeed at the heart of our profound inspirations for the Brand: the technological progress makes the Man better. With emotion, essential component of Devialet’s listening experience.
The world leader is French

Founded and based in Paris, Devialet is now the international leader for high-end amplifiers. Only 8 years after the first launch, Devialet has become a market leader thanks to the continuous, drastic and revolutionary inventions in the audio engineering.

The best team of acoustic engineers in the world.

In a building conceived by Gustave Eiffel and located in the heart of Paris, the best 40 acoustic, mechanic, electronic, computer and signal processing engineers work to invent the sound technologies of the future. Their motto: excellency, innovation and constant challenge.

Supported by prestigious investors

In 2012, fascinated by the huge growth potential of Devialet and the quality of its future revolutionary products, prestigious entrepreneurs such as Bernard Arnault, Marc Simoncini, Xavier Niel and Jacques-Antoine Granjon joined Devialet’s adventure. They gave Devialet the resources to grow and take over the world audio market.
REVOLUTION BY DEVIALET

Devialet’s technologies transform the world of sound.

Among the hundred inventions by Devialet’s engineers, three completely changed the world of sound. These inventions are integrated exclusively in the Brand’s systems.

The ADH Intelligence, is the key revolutionary invention which transforms sound amplification. It made possible, for the first time, hybridisation of digital and analog technologies. The power of one is combined to the preciseness of the other. Result: a more powerful, more distinct sound, with absolutely no distortion.

SAM Processing, is the first avant garde technology which allows Devialet’s systems to adapt their signals to any type of speakers and emit the perfect sound. It enables speakers to reach a never heard before sound excellency.

Heart Bass Implosion, is a technology specifically designed for the new sound center Phantom. It goes beyond the limits of common speakers and allows a performance never created before: to emit ultra-dense sounds thanks to lateral beats under very high pressure.

Strongly opposed to the obsolescence of technologies, Devialet put in place a specific protocol to guarantee the continual evolution of its systems. The EVO Platform ensures constant and free upgrades even after the products are purchased by the clients.

Why launch a new sound center, after the Devialet’s amplifiers?

Today, Devialet’s amplifiers are the best in the world and market leaders. They are sold between $6,495 and $29,995.

Yet, our mission is to enthral the world, and Phantom materialises that ideal: move people with the emotion of the perfect sound.

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THE BEST SOUND IN THE WORLD
AN INTENSE EMOTIONAL EXPERIENCE
A REVOLUTIONARY ENGINEERING INVENTION
REPLACES DOCKS, HI-FI, HOME-CINEMAS, SPEAKERS...
EXPERIENCE-READY: PLUG AND LISTEN
LISTEN TO MUSIC FROM YOUR SMARTPHONE,
TABLET, COMPUTER USING WI-FI
ALONE OR IN A MULTI-ROOM SETUP
What is Phantom?

Phantom is a sound center, meaning, a system that receives via Wi-Fi music from your everyday devices (smartphone, tablet, computer, …), it processes the signals and emits sound replacing your speakers.

Phantom is the best sound system in the world. Because it integrates revolutionary technologies to process and emit sound.

Phantom emits ultra-dense sound with physical impact. The result: a uniquely powerful, incredibly distinct sound with no distortion.

Phantom will replace your stereo system, docks, home cinema and even your speakers. It replaces everything. Phantom is the only thing you need.

Phantom is a 100% wireless product. It connects via Wi-Fi to all your devices (smartphone, tablets, computers, TV …)

Phantom also includes Optical input and Ethernet input.

Phantom can be used on its own or connected to other Phantoms, creating a multi-room system in the house.

**GOOD TO KNOW:**

Phantom is entirely designed and made in France in ultra-modern factories using the best technologies in the world.

MADE IN FRANCE

MADE IN FRANCE

PHANTOM IS ENTIRELY DESIGNED AND MADE IN FRANCE IN ULTRA-MODERN FACTORIES USING THE BEST TECHNOLOGIES IN THE WORLD.
THE PHANTOM REVOLUTION

A different sound, the best sound in the world.

For the first time, Phantom emits ultra-dense sounds with physical impact. A powerful, distinct and clear sound, never heard before. Even at very high volume levels, Phantom’s sound suffers no distortion. And during silent moments in your music, Phantom produces absolutely no air blast.

To reach this unique performance, we had to invent a fully cybernetic system integrating three major engineering inventions.

IN TECHNICAL TERMS

- 750W for Phantom, 3,000W for Silver Phantom
- 99dB SPL for Phantom, 105dB SPL for Silver Phantom, at 1m bandwidth of 16Hz to 20kHz
- No distortion
- No background noise
- No impedance

Why is Phantom revolutionary and superior?

Phantom is unique. It emits sound through a new revolutionary process, in accordance with the absolute rules of acoustic perfection. Thanks to the technologies invented by Devialet and available to its products.

An integrated cybernetic intelligence:

- ADH Intelligence exclusive to Devialet: in a super powerful micro-processor that hybridizes digital and analog technology.
- It purifies and magnifies the sound signal. It rules with absolute precision the mechanical functions of Phantom.

A revolutionary acoustic architecture:

- Heart Bass Implosion: Phantom integrates a unique system of sound creation thanks to lateral beats under a very high pressure.
- The spherical conception of Phantom is the perfect acoustic architecture to ensure omnidirectional emission and a uniform sound, no matter the angle you are listening from.

A cybernetic that improves everyday: thanks to the EVO Platform, your systems will continue to get better everyday.

You won’t even need to do anything. Once installed at home, Phantom will upgrade constantly, enhance its internal connections, connect to other Phantoms, react to your presence and improve continually. Because Devialet is strongly opposed to the obsolescence of systems.

88 PATENTS PROTECT PHANTOM’S INVENTIONS

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Because it correspond to its philosophy and conception.

The word cybernetic comes from Greek κυβερνήτης (cybernetes) - to steer, navigate or govern (Plato).

It was proposed in 1947 by the American mathematician, Norbert Wiener, to promote a unified vision of the dawning domains of automation, electronics and mathematical theories of information. He defined cybernetics as the scientific study of control and communication in the animal and the machine.

Cybernetics is the art of securing efficient operation.

Because it describes the technological breakthrough of Phantom.

- A global and completely integrated vision of the hardware, software, electronic, mechanic, acoustic etc...
- Hybridisation of signal processing
- Total efficiency of interaction between electronic and mechanic.

WHY ARE WE TALKING ABOUT A CYBERNETIC OBJECT?

One Phantom, or several Phantoms?

The choice is yours. In one space or in a multi-room in your house.

One Phantom is amazing. Many Phantoms is pure magnificence.

And it is easy:

One Phantom: plug, download the Spark application and send it music from your everyday devices. You are going to be instantly blown away.

Many Phantoms in one space: plug the Phantom, plug Dialog, download the Spark application. Your Phantom will recognize each other, synchronize and multiply equally the acoustic experience, for the most intense moment you ever experienced.

Many Phantoms in the house, in different locations: plug the Phantom, plug Dialog, download the Spark application. Your Phantom will recognize each other and you can decide in which room you want to listen to music, your playlists, the volume...

The ultra-dense sound with physical impact will fill your home.
PHANTOM’S INTELLIGENT ACCESSORIES
DIALOG
THE ESSENTIAL CONNECTOR OF PHANTOM

Dialog is Devialet’s experience center for acoustic pleasure – it radically enhances the Phantom experience.
With Dialog, access the best audio services to enjoy a complete music library.
Bring the ultra-dense sound experience to every room in your house, allowing distance and reach. Dialog allows you to connect several Phantom to create a system: Basic, Cinema, Multi-room… up to 24 Phantom.

SPARK
DEVIALET APPLICATION FOR MUSIC SHARING

Devialet’s SPARK application - downloadable for free - allows you to control all Phantom together or individually via Wi-Fi or Bluetooth. Manage your computer, smartphone or tablet. Shuffle from one room to another, from one room to another, from Phantom to Phantom.

All your sources and your those of your friends!

SPARK combines the music, regardless of your devices or those of your friends connected to the same Wi-Fi network. With Dialog, all users connected to the same Wi-Fi network can interact with each other and create a collaborative playlist in real time. You have access to your friends’ music and they have access to yours. All you need to do is get together!

299 € TTC (PST)

FREE
COMPATIBLE OSX, ANDROID, WINDOWS...
TECH SPECS
**Dialogue Tech Specs**

**Power**
- Power adapter: built-in

**Networking**
- Wi-Fi: 6 x dual band Wi-Fi
- Ethernet: 10/100 (1 Gbps)
- PCs: connecting, 3 Gbps

**Compatibility**
- Requires smartphone/tablet/laptop software:
- Supported OSs:
  - iOS 7+
  - Windows 7+
  - Android 4.4+
  - OS X 10.9+

**Peripheral**
- Optical...
- USB:...
- Processor:
  - Quad-core processor 1.2 GHz
- Memory:
  - 1GB (RAM) / 2 GB (Flash)
- Synchronization:
  - Devialet synchronization module (for more than one Phantom)

**Guest Network**
- Wi-Fi 1 x dual-band Wi-Fi (a/b/g/n 2.4 GHz & 5 GHz)

**Phantom Network**
- Wi-Fi 2 x dual-band Wi-Fi (a/b/g/n 2.4 GHz & 5 GHz)

**Guest and Phantom Network**
- Wi-Fi 1 x dual-band Wi-Fi (a/b/g/n 2.4 GHz & 5 GHz)

**Ethernet**
- 10/100/1000 (Gigabit)

**PLC**
- Homeplug AV2

**Requires Smartphone/Tablet/Laptop Software**
- Yes

**Supported OSs**
- iOS 7+
- Windows 7+
- Android 4.4+
- OS X 10.9+

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**Phantom Tech Specs**

**Implosive Sound Center**

**Silver Phantom**

**Performances**
- Sound Pressure Level:
  - 99 dBSPL at 1 meter
  - 105 dBSPL at 1 meter
- Amplification power:
  - 750 Wpeak
  - 3000 Wpeak
- Bandwidth:
  - 16Hz to 25kHz at +/- 2dB
- Dynamic Range:
  - 114dB remaining at 105dB SPL

**Digital Analog Converter**
- TI PCM1798 24bits/192kHz

**Processor**
- 800MHz dual-core ARM Cortex-A9 MPCore processor, hard IP, and FPGA in a single Cyclone V System-On-Chip (SoC)
- 512 MB DDR3 Memory

**Power Supply**
- Power supply with IEC 100-240 V 50/60Hz 10A

**Technologies**
- HBI®
- ADH®
- SAM®
- EVO®

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**Features**
- Size and weight:
  - Weight: 15 lb
  - Width: 20 in
  - Depth: 8 in
  - Volume: 0.8 ft³

**Technical Specifications**
- Internal air flow, glass fiber-filled polycarbonate
- Aluminum central core
- Aluminum dome drivers

**Colors and Finish**
- White body RAL 9016
- Polished stainless steel side
- White dome drivers
- Silver dome drivers
- White body RAL 9016

**Materials**
- Internal skin: glass fiber-filled polycarbonate
- External skin: ABS
- Aluminum central core
- Aluminum dome drivers

**Application**
- Spark®, Bluetooh

**Supported OSs**
- Windows 7+, Mac OSX 10.9+
- Android 4.4+

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- Windows 7+, Mac OSX 10.9+
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WHERE AND WHEN TO GET PHANTOM

Phantom is only available in exclusive places. The list of these places is updated regularly on https://www.devialet.com/en/where-to-buy-where-to-listen/

Online
www.devialet.com

Paris
Devialet Flagship
124, Rue Réaumur, 75002 Paris

Collector
213 rue Saint-Honoré, 75001 Paris

London
Harrods
87-135 Brompton Road, London SW1X 7X

Devialet is distributed in Germany by Audio Components GmbH
Harderweg 1
22549 Hamburg

Check the complete list of resellers on www.devialet.com

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