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Amadeus ‘Philharmonia’ Speakers North American Debut at AXPONA

The new Amadeus HI-FI speakers co-designed by world-renowned architect Jean Nouvel had their North American debut April 15-17 at the Axpona show in Chicago, with live demos sponsored by importer Source Systems, Ltd. and Philharmonia retailer Audio Archon

Chicago, IL — April 11, 2016 — Amadeus importer **Source Systems, Ltd.** and Chicago retailer **Audio Archon** demonstrated the new **Amadeus ‘Philharmonia’** HI-FI speakers, which were co-designed by world-renowned architect **Jean NOUVEL**, at the Chicago **AXPONA** show. The live demonstrations of the new speakers were their very first listening event in North America. The Philharmonia speakers are shipping now and retail in the USA for \$50,000 per pair, visit: www.philharmonia.paris.

French ‘Pro Audio’ manufacturer **Amadeus**, renowned for live, installed, and custom studio sound reinforcement systems, released their new ‘**Philharmonia**’ speakers to great acclaim in Q4 2015 and they are now shipping worldwide including the USA. The Philharmonia is a very high definition monitoring system combining innovation and technology, with style, and a pristine sonic character. The new speakers were initially created specifically for the *Philharmonie de Paris* recording and mastering studios, which were built to capture performances by the world’s most prestigious symphonic orchestras within the concert hall. **Michel DELUC**, Amadeus’ Director of Research & Development, designed the Philharmonia speakers along with world-renown architect Jean NOUVEL, who designed the new *Philharmonie de Paris* concert hall. Jean NOUVEL stated, “*I am not a designer. I am an architect who makes design.*”

Mark GURVEY, CEO of Source Systems, Ltd., is thrilled to be distributing the new speakers, “*Amadeus brings a fresh, unique and innovative approach to high-end audio engineering and design, with the Philharmonia speakers, both in sound and style. The speakers fit a key aspect of the very highest end audio components, they are absolutely unique looking and yet so modern and beautiful. It will be very exciting to see and hear the reactions of listeners in the US. The Philharmonia has an amazing sound; unlike anything we have experienced before. With such a unique origin of pro audio studio mastering, and evolutionary audio technology, we expect to ‘Wow!’ a lot of ears.*”

The Philharmonia features a curved structure that is both simple and complex, consisting of hundreds of wood veneers accurately machined and assembled, offering a distinctive look and volume. It features a unique hybrid laminar port using progressive termination. Co-designer **Michel DELUC** reveals, “*The distinctive construction technique of Philharmonia helps neutralize standing waves affecting sonic clarity and low-frequency definition, through an extremely complex internal structure using a combination of interlocking panels arranged in two perpendicular planes, each hosting several tuned notch resonators. This allows a dramatic decrease in sound coloration through a crossed structure of longitudinal and trans-verse reinforcements. This proprietary technique is in part inspired by Amadeus-designed professional Mains*

monitoring systems used in large recording studios, the 'crossed structure' itself drawing on aircraft manufacturing processes, particularly wing design."

The new Philharmonia 2-way, self-powered speakers feature a 28-mm soft-domed tweeter and a custom 8-inch woofer, and boast analog and digital inputs with a customized integrated DAC and an amplitude linearity range ($\pm 2\text{dB}$) from 43 Hz to 22 KHz. The high-frequency driver features very low dielectric losses and high thermal conductivity, loaded behind a fast exponential waveguide machined in wood, which yields exceptional control over spatial dispersion. Philharmonia is bi-amplified using two dedicated very high resonance digital custom-built amplifiers, each amp delivers 700 Watts under 8 ohms. These proprietary PPM-PWM fixed frequency Class-D amplifiers are equipped with a high-efficiency switched mode power supply. Each speaker channel is under control by a proprietary, 64-bit digital processing unit capable of a 118 dB dynamic range. Each of these on-board DSP units include a module dedicated to managing core system parameters including system EQ, time alignment between sections, limiting and transducer thermal protection. This level of control makes Philharmonia fully protected and able to operate at the full extent of its abilities in virtually any venue.

Philharmonia integrates analog XLR inputs and two digital inputs/outputs conforming to the AES3 digital audio data transfer standard. These are coupled with a high-resolution 24-bit/96kHz converter placed as close as possible to the electronic amplifiers, thus working together in perfect combination. The speakers also feature an RJ-45 network input allowing remote control of its DSP processor for optimal adjustment via dedicated software to match the speakers to the acoustical properties of each listening space. The software is an app that runs on Apple Macintosh, iPad and Microsoft Windows computers.

Source Systems Ltd., Amadeus' USA importer, is seeking select audiophile retailers in each major market in the USA, please contact them at 949-369-7729 or email: sourcesystems@cox.net — New York City and Los Angeles demonstrations are planned for summer, 2016.

There will be post show live demonstrations by appointment with Chicago retailer **Audio Archon**, please email owner **Michael Kay** at: mikekay9@comcast.net

For more information on the **Philharmonia** speakers visit: www.philharmonia.paris

About Amadeus

Amadeus develops, manufactures and sells a wide range of high-end sound reinforcement loudspeakers, studio monitors and various signal processing interfaces that combine its own custom innovative technology with stylish design, for the professional audio industry. Created in 1992 from the collaboration between the French designer **Bernard BYK** and the scientist and musician **Michel DELUC**, the Amadeus brand has grown to become a leading supplier of high-end audio solutions and services for theaters, opera houses, museums, recording studios, research centers and touring concert sound rental operations. All development and product manufacturing is centralized in Amadeus headquarters in France, with field offices and authorized distributors located in Europe, Asia and UAE.

Contact Amadeus at info@amadeusaudio.fr or visit: <http://www.amadeusaudio.fr> or: www.philharmonia.paris

Press can download images of the Philharmonia speakers here:

Web (9MB): http://amadeusaudio.fr/data/philharmonia/Images_72DPI.zip

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