During the last decade we have been witnessing big changes in the source part of the playback chain; initially, it seemed to be a generational transition of formats between LP, CD, SACD and DVD-A. Arguments delivered by the industry to promote the change were based on improved audio quality, features and format convenience. If the arguments employed were true and were also aligned with user needs, the specialty audio market would only be supporting SACD and DVD-A by now, but reality at present is quite distant from this. So, there is probably something missing in the original equation.

What can be seen today is a scattered market, with some manufacturers embracing the LP harder than before, others whose CD player models are being substituted in favor of SACD or multi-standard disc players. As observers, we decided a few years ago to bring the audio source inside Wadax Fundamental Research programme and destile the essence that makes those manufacturers embrace the LP, or those that are migrating to SACD or DVD-A. Our target was to deliver a source whose quality could surpass those other sources currently available, together with the format convenience of the latest digital media. HERMES is the result of this. It is a very important milestone for Wadax, not only because it means the completion of the audio playback chain in our product line, but also because it shows the new horizons that will be become the exploring area of our research and development team.

For those people new to the Wadax sound, ¿What do we aim to achieve? Easy - to transport the audience into the recording session, wherever it might be, while keeping the premise of a simple, user-friendly experience. Our approach required different perspectives, different stages. We began almost two decades ago with a multi-disciplinary and constantly evolving process of Fundamental Research. We worked step by step from the very beginning, starting in the recording session, to the final step, the listening stage.
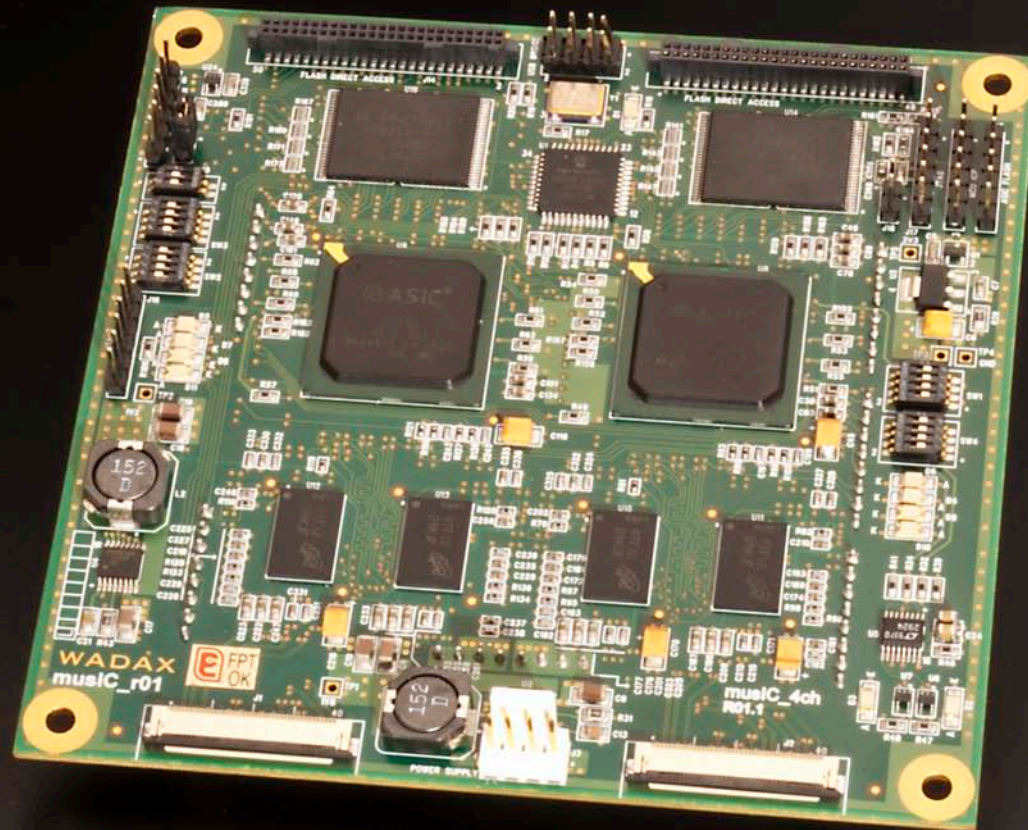
The Wadax team studied and analyzed every one of the parameters that play a part in sound reproduction, distilling what is critical from what is merely important, what is important from what is not relevant. We started as explorers, in search of perfect audio reproduction and listening experience and continue to be pioneers, still true to our aim.

As a result, several core technologies, processes and topologies have been developed; some of which are new developments thanks to state-of-the-art enabling technologies, and others that are refinements of the original concepts applied during this 20 year evolution and our pursuit of performance perfection. Welcome to the Wadax System Concept.

Javier Guadalajara

The musIC board is based on a Wadax in-house ASIC design. The Wadax musIC chip has been designed to process extreme definition audio signals with no loss; the process applied, topology and implementation have all been specifically designed by Wadax with the only criteria of delivering the best absolute quality.

SPEAK 1.5 Universal Active Speakers

The active speaker SPEAK1.5 is an evolution of SPEAK1 that compiles all latest WADAX research and developments. The Speak 1.5 implements all core technologies derived from the Fundamental Research programme: its two way design applies new acoustic loading principles; musIC ASIC performs all signal processing with an accuracy never achieved before, and Mechalock 2, whose mechanical design ensures vibration is evacuated from critical parts. Designed and manufactured with leading industrial design techniques.

MECHALOCK / Special attention has been given to vibration evacuation from the chassis and the speaker drivers. In order to perform this task, the Mechalock structure and assembly was developed. It is composed of more than 20 custom-machined parts of different levels of hardness and materials that ensure vibration - energy - is released and channelled where it should be: away from critical places.

EVOLUTION / The Speak1.5 is the result of more than 20 years of research into electro-acoustics, and represents the 11th generation of the Wadax speaker series. The SPEAK1 shares the same technical and musical objectives as the first generation; some of the original key successful technologies are still included. **Speak 1.5 can operate with any preamplifier.**
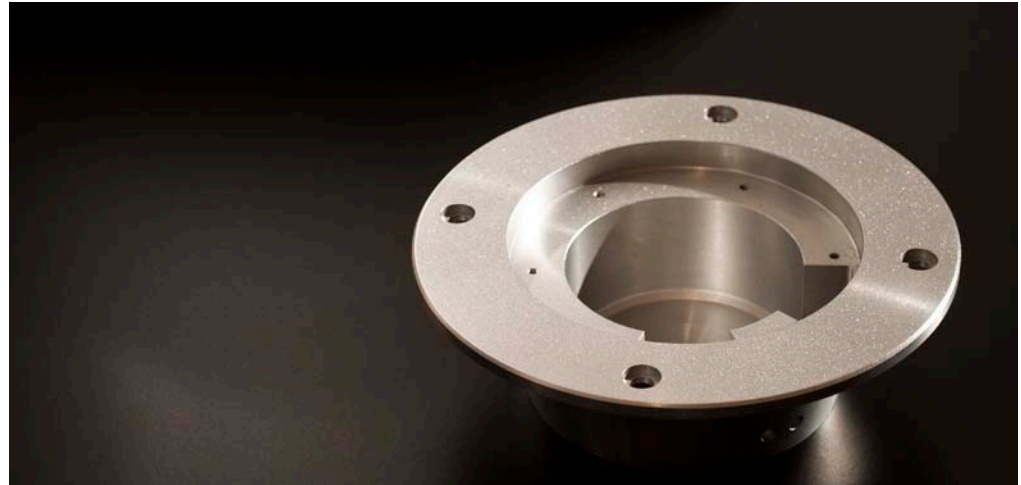

Industrial design by Ochoa y Díaz-Llanos.

Weight: 58 Kg / 127,87 Lbs per speaker

Dimensions (mm): H **1410** x W **600** x D **510**

Specifications are subject to change without notice.

Speak 1.5 / Universal Active Speakers

HERMES Universal Stream Player and Recorder

HERMES is a universal streaming client and recorder that incorporates some unique pioneering features. Hermes can be installed in any system and it allows any music sources, analog or digital to be transferred to the media repository with better accuracy that Studio Master standards.

Some of its features are:

- Fully custom server: In order to meet the extreme quality requirements, Hermes stream server core has been developed from scratch.

- Custom coding: the reach the quality level desired and be able to apply the musIC process, a new custom coding was defined and is applied as a native coding format to which all media is translated.

- Recorder: immortalize your analog LPs and Master Tapes without degradation, transfer your preferred media to the HERMES Net. Features analog and digital inputs to record music and deliver to the network hard disk, fast, safe and easy.

- Flexibility: The server is placed on-board HERMES, so the storage element does not need to have on-board processing.

- Ease-of-use: Hermes can be controlled by any web browser. An IPad native application is under development.

- Build quality & Design: Hermes chassis is built from two solid blocks of 43 Kg aluminum. Industrial design by Ochoa y Díaz Llanos.

- Universal: Hermes can be perfectly integrated in any system, however the best performance will be attained when connected to the Wadax system.

Weight: 35Kg / 77,16 Lbs

Dimensions (mm): H **115** x W **469** x D **341**

Analog inputs: RCA, XLR

Digital inputs: USB, SPDIF, BNC, TOSLINK, WADAX musIC link.

Analog ouputs: RCA, XLR

Digital output: SPDIF, BNC, TOSLINK, WADAX music link.

Data link for repository: RJ-45.

Specifications are subject to change without notice.

PRE 1 Universal Stereo Preamplifier

The **PRE1** is an extremely high-quality universal preamplifier. Equipped with analog and digital inputs and analog outputs, the **PRE1** is for any user seeking a unique, immersive, playback experience - it can be integrated into any system or can become part of the **Wadax System** concept. Following Wadax design criteria of extreme performance and simplicity, the **PRE1** acts both as a state-of-the-art preamplifier and digital/analogue converter. This way, the playback chain is shorter, more accurate, more musical.

The **PRE1** accepts inputs from a computer – USB-, hi-fi equipment –SPDIF, TOSLINK, BNC- and stereo line inputs. It can also be connected to any amplifier through its singled-ended or balanced outputs.

Internal design follows a true-balanced topology with a four channel output capability making it ready for future user upgrades or for when the **PRE1** is mated with the **SPEAK1** or **SPEAK 1.5**.
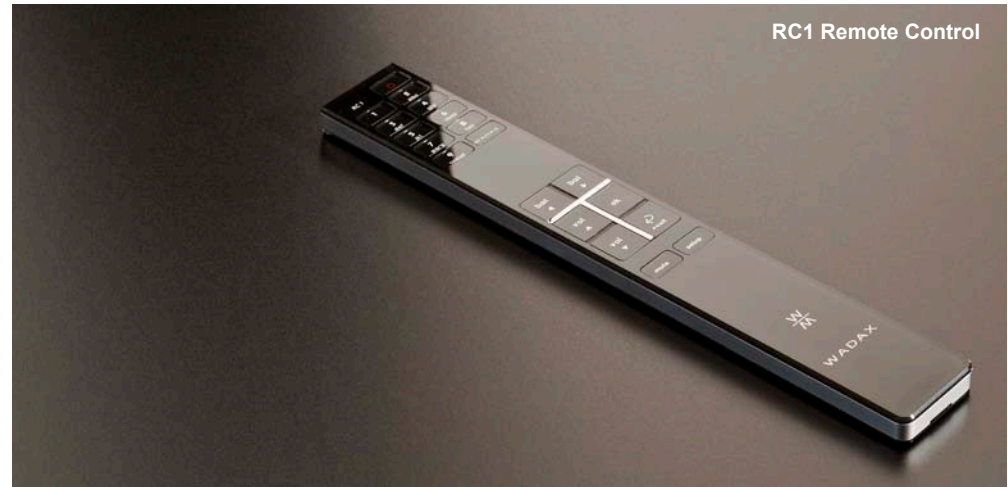
The **PRE1** can be connected in virtually any system. It is equipped with analog and digital inputs so it can play music from any source, be it a CD Transport, an SACD, a network streaming source, a PC, a gaming console etc.It can also be connected to any amplifier, either through its single-ended or balanced outputs.

RC1 Remote Control

Industrial design by Ochoa y Díaz-Llanos.

Weight: 35Kg / 77,16 Lbs

Dimensions (mm): H **115** x W **469** x D **341**

Specifications are subject to change without notice.

PRE 1 Universal Stereo Preamplifier

Worldwide Distribution:
Wadax SA
Francisco Remiro,2 Ed.D-3
28028-Madrid . Spain
Tel: +34-91-355.02.17
info@wadax.eu www.wadax.eu

Graphic Design. MOD Comunicacion / Photos. Ochoa y Diaz-Llanos