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PRESS RELEASE

One-of-a-kind: the T+A SD 3100 HV

Reference D/A converter and streamer

Herford, 8th February 2019: T+A stands for Theory and Application in audio technology. The Herford-based family enterprise has developed many ground-breaking concepts and technologies based on this philosophy, and established them successfully in the market. T+A has been involved in intensive research and development in the field of digital signal processing since the 1990's. The audible results are our quadruple converter for PCM signal processing, and the proprietary T+A True 1-bit converter for DSD signals, which continue to delight music lovers and the specialist press alike all over the world. With our clear focus on perfection in sound, Theory and Application is also the epitome of our constant aspiration to challenge and optimise existing concepts. Following this credo, and with the support of the Federal Ministry for Economy and Energy - founded on a resolution passed by the German Bundestag (lower house) - the T+A engineers have developed entirely new converters with an architecture and data rates unique in the world, and it is these which form the core of the new SD 3100 HV. The D/A converter with streamer converts PCM signals at a maximum of 32-bit resolution and 768 kHz, while the True 1-bit converter achieves an incredible DSD 1024 (49.2 MHz). The net result of all this is even greater detail, transparency and dynamism in the music, giving audiophile enthusiasts and many others the first opportunity to celebrate the maximum possible upsampling, and the reproduction of their music collection at the highest level.

The new SD 3100 HV is the most powerful and innovative D/A converter which T+A has developed to date: we painstakingly improved the existing converters, and at the same time developed a completely new USB receiver for the high frequencies. The phenomenal qualities of this converter can be exploited by all external sources as well as the device's high-quality integral digital sources: the T+A High-Res streaming client with direct access to selected music services, the FM, FM-HD and DAB+ tuner with its excellent sound, and the high-quality AptX Bluetooth streaming module. Roon Ready certification is in preparation. For the reproduction of SACD or CD T+A has developed the PDT 3100 HV: a separate reference disc mechanism of the very highest quality. This is connected to the SD 3100 HV via a newly developed data bus - IPA Link - which offers ultra-high resolution.

PRESS PICTURES ARE INCLUDED IN THE ATTACHMENT TO THIS E-MAIL

The selection and processing of materials is another area in which T+A allows no compromises. The case of the SD 3100 HV consists exclusively of solid aluminium components, some of which are machined from the solid; this ensures perfect electro-magnetic shielding. No ferro-magnetic components of any kind are included, in order to eliminate magnetically-induced distortion which has a marked adverse effect on sound quality. A high-performance analogue headphone amplifier rounds off the features of the SD 3100 HV.

The SD 3100 HV will be available as of March 2019 at selected T+A dealers specialising in the HV series. The recommended retail price is € 23,400, and the unit is supplied in a robust flight case.

More information and technical details can be found on our website:

<https://www.ta-hifi.de/audiosysteme/hv-serie/sd-3100-hv-referenz-streaming-dac-2>

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