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PRESS RELEASE

Uncompromisingly purist: the T+A PDT 3100 HV

Reference C D/ SACD disc mechanism

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. The T+A team of engineers focusses entirely on perfection in sound, and they often pursue uncompromising technical solutions. The latest member of the T+A HV series has been produced with the support of the Federal Ministry for Economy and Energy, founded on a resolution passed by the German Bundestag (lower house). This is the PDT 3100 HV, a purist CD / SACD disc mechanism which eschews additional integral digital sources or converters. The device was developed with the sole purpose of sampling SACD and CD discs, and is equipped with a completely new decoder / drive mechanism which reads and decodes discs without error and to the highest standard of quality. This mechanism is housed in a heavy sub-chassis machined from solid metal, which provides complete shielding and isolation. The mechanical construction is sophisticated in the extreme: all case components are made of solid aluminium, and are produced to the closest tolerances using precision machines.

The top-loader mechanism allows discs to be inserted with no risk of damage; they are retained by an anti-resonance puck. The data (PCM) acquired from the CD are passed to the optical, co-axial and BNC S/P-DIF outputs, and also the professional AES-EBU socket which allows the connection of converters or recorders. However, the PDT 3100 HV also features a further output of significantly higher quality which is unique to T+A; this output enables the device to interact with the new T+A reference DACs: the SDV 3100 HV and SD 3100 HV. The two DACs are identical with the exception of the pre-amplifier section, and provide a means of converting PCM at up to 32-bit resolution and 768 kHz, and an incredible DSD 1024 (49.2 MHz).

The high-res IPA Link is capable of high-speed data transfer up into the Gigahertz range. It is a proprietary connection which passes PCM and DSD data with bit-precision, together with an extremely accurate clock. Data is

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not transferred in the form of packets; instead the system passes a constant bitstream of unmodified raw data. This permits reproduction of DSD signals from an SACD at ultra-high resolution.

The PDT 3100 HV will be available as of March 2019 at selected T+A dealers specialising in the HV series. The recommended retail price is € 14,900, 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/pdt-3100-referenz-cd-sacd-laufwerk>

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