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PRESS RELEASE

The new T+A PA 1100 E – The best of both worlds

T+A expands its successful E-Series with an integrated amplifier with DAC

Herford, 9th May 2019: The T+A E-series is the perfect class of equipment for demanding music lovers who appreciate classic stereo devices. The analogue world is becoming increasingly digital. For us this is a reason to combine our excellent PA 1000 E analog integrated amplifier with an outstanding DAC and thus combine the best of both worlds in one device. The result is the PA 1100 E, which has both analog and digital inputs and converts digital audio signals into analog signals of the highest quality via the high-resolution and extremely linear 32-bit D/A converter (only 0.0005% distortion factor).

The newly developed Digital Connecting Board adds four high-quality digital SP/DIF inputs, a computer USB input and an aptX® Bluetooth module to the PA 1100 E's analog inputs. The USB input is intended for streaming music files from a computer, and we deliberately designed it to be of exceptionally high quality. It can process data rates up to 32-bit / 384 kHz for PCM and DSD 256 (12 MHz). The „advanced segment“ DAC is equipped with a PLL clock resynchronization to minimize jitter and all external disturbances. For digital oversampling, the PA1100E features a standard FIR filter as well as superior T+A Bezier oversampling, which guarantees lifelike, unadulterated reconstruction of the analog signal without digital artifacts. All digital signal processing takes place in highly accurate floating point arithmetic on a freely programmable high-performance DSP. The four SP/DIF digital inputs (coax at 192 kHz and optical at 96 kHz) can be used to enable external sources to be converted by the integral DAC to high quality levels; in this way other devices can exploit the extraordinary sound qualities of the PA 1100 E.

The amplifier section of the PA 1100 E has been extensively revised. The pre-amplifier is a crucial element in determining the sonic characteristics of the amplifier as a whole, and for this reason our development aim was absolute neutrality, superb musical fidelity and outstanding dynamic characteristics. A Flat switch is present, which entirely removes the sophisticated tone controls and Loudness function from the signal path. Combined with the modern power amplifier, which is capable of driving even large and demanding loudspeakers perfectly with its enormous power, the PA 1100 E offers outstanding listening pleasure due to its lively sound and the perfectly contoured bass range.

An optional HDMI module with two HDMI inputs and one HDMI output with ARC support allows TVs and Blu-ray players to be connected directly to the PA 1100 E. An optional phono module leaves nothing to be desired for vinyl fans.

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