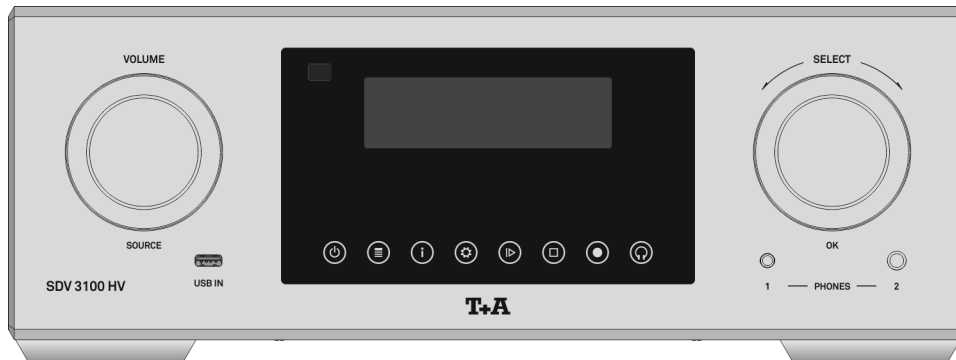## SD3100HV / SDV3100HV - USB DAC inputs

T+A introduces 2 new *„Streaming DAC"* Models: **SD3100HV** (Line Output version) and **SDV3100HV** (variable output version with pre-amplifier & volume control included). Both units feature T+A's unique „PCM-Quadruple" and DSD „True.1-Bit" D/A Converters. For detailed information see:
https://www.ta-hifi.de/en/audiosystems/hv-series/sdv-3100-reference-streaming-dac-preamp/

The units provide 2 tybe B USB DAC inputs already supporting the new UAC3 standard.

Accepted data rates:
PCM: 32 kSps …. 768 kSps with16, 24 or 32 bits
DSD (native): DSD 44.1k * 64 …. DSD 48k * 1024
DSD (DoP):   DSD 44.1k * 64 …. DSD 48k * 256

Requirements for audio source devices:

Windows based audio sources:
For Windows based audio sources T+A provides a driver which needs to be installed on the source device.
This driver can be downloaded from this site:
        https://www.ta-hifi.de/wp-content/uploads/USB-Treiber-Windows-SDV3100HV.zip

MAC OS based audio sources:
MAC OS supports the new devices out of the box, no drivers need to be installed.
Please note that under MAC OS DSD is limited to DoP mode with a max. data rate 48k*256.

Linux based audio sources:
Under Linux (kernel version >4.4) PCM up to PCM768/32 and native DSD up to 48k*1024 is supported.
Please make sure that the following two kernel patches are applied:

1.) Silence pattern patch:
        https://patchwork.kernel.org/patch/9470981/

2.) PID/VID patch:
        https://mailman.alsa-project.org/pipermail/alsa-devel/2019-February/145175.html

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If you have any questions, please feel free to contact T+A by writing an e-mail to   ipc@ta-hifi.com