

590 USB-Converter



Product Announcement

Dulliken, 21 December 2011

We are pleased to announce the 590 USB-Converter.

The 590 will have its **world premier at CES 2012 in Las Vegas**. Come and convince yourself of the build and sonic qualities of this new member of the soulution product family (Venetian 29-139).

590 USB-Converter!

Audiophiles interested in the convenience of music computer and the virtues of high resolution music files will appreciate the 590 USB-Converter as perfect link between the computer and their D/A-Converter. The conversion from USB to SPDIF, AES or Optical works up to 192 kHz and 24Bit. Therefore it can be used with any D/A-Converter that has digital inputs on board.

It is an asynchronous design based on a high performance DSP. The onboard clock is of the same precision as the clocks we use for the players 745 and 540. Sample rates of the files are detected and the clock is switched automatically to the proper rate. The complete digital setup may be synchronized on the 590 USB-Converter through its word-clock outputs. The power is supplied through the USB connection. There are effective filters as well as fast and precise voltage regulators providing stable and precise supply power of the different circuits of the 590. Stable supply conditions are key for an ultra precise master clock.

The USB interface works in Audio Class 2. On Windows platforms special driver software is required and supplied with the product. All common protocols (ASIO, WASAPI, Direct Sound, etc.) for data transfer between the computer and the 590 USB-Converter are supported. Mac platforms do not require any additional drivers.

Production & Pricing:

- Production start: February 2012.
- Target retail price: CHF 3'000 for Switzerland

Technical specifications:

Power supply	USB	5	V
Digital-Input	USB	B	Type
Digital-Outputs			
- AES/EBU		110 5	Ohm V p-p
- SPDIF (RCA)		75 0.5	Ohm V p-p
- Optical (Toslink, BNC)			
Clock		75 5	Ohm V p-p
Weight		ca. 2	kg

Dimensions:

