

Product Announcement

Pro-Ject USB Box S+

Affordable 32-bit USB-only DAC added to Box Design Range

Didcot, Oxfordshire – 7th May, 2014

The USB Box S+ from Box Design by Pro-Ject Audio Systems brings the most advanced technologies surrounding asynchronous USB data transfer together into a simple-to-use Digital/Analogue Converter; turning computers into a serious hi-fi source. By keeping the size compact and the price affordable, the USB Box S+ is an ideal consideration for members of the growing computer audiophile market.

The USB Box S+ uses a high-end XMOS chipset to handle asynchronous USB streaming up to 32-bit/384kHz, with the lowest possible levels of jitter, in true hi-fi quality.

The sample-rate of a playing file is displayed on the clearly laid-out front panel, but in the device all digital streams are up-sampled to a higher level for optimal conversion without any loss (44.1, 88.2 & 176.4 sample rates are up-sampled to 352.8kHz; 48, 96 and 192kHz sample rates are up-sampled to 384kHz). Now, whether you're using Windows, Apple or Linux, your computer is capable of performing as a real HD audio source with the USB Box S+.



The compact device utilises a single PCM5102A chip from Burr-Brown, which is capable of producing a very good signal-to-noise ratio and dynamic range, as well as low distortion and output impedance. The further benefit of a 2.1V RMS output means the audio signal path after the chip is clear of unnecessary extra capacitors, which can limit the overall sound quality. The two selectable Filter settings allow users to tailor the sound to suit by switching between "Brick Wall" FIR (Finite Impulse Response) and "Apodizing" IIR (Infinite Impulse Response) filters.

The USB Box S+ perfectly matches the size and aesthetic of other models in the Box Design 'S' range; however, it's also a great partner for other non-Pro-Ject electronics. The low 'out-of-band' noise found with the PCM5102A DAC chip reduces electromagnetic interference, as does the external power adaptor and solid aluminium and metal chassis.

Set-up is as simple as connecting the device up and tweaking a few audio settings in the computer settings (a 24-bit driver is provided on a disc with the USB Box S+ for Windows computers, Apple and Linx systems do not need any additional drivers). The gold-plated RCA output sockets and USB Type-B input also ensure optimum signal transfer from the computer and to an amplifier. The USB Box S+ is a simple to use device with traditional connectivity that is designed to help take listeners into the future.

SRP £169.00

The USB Box S+ will be available in the UK from June 2014.

Technical Information

Inputs:	USB Type-B
Outputs:	Unbalanced RCA
D/A Converter:	Burr-Brown PCM-5102A Multibit Delta Sigma
Bit-Depth Handled:	Up to 32-bit
Sample Rates Handled:	32 / 44.1 / 48 / 88.2 / 96 / 176.4 / 192 / 352.8 / 384kHz
Output Voltage:	2.1V (max. eff.)
Frequency Response:	20Hz – 50kHz (0dB;-1dB)
Selectable Filters:	2 (Minimum Distortion / Optimum Phase)
Power Supply:	9V / 300mA
Dimensions (W x H x D):	103 x 36 x 109mm (incl. sockets)
Weight:	576g (excl. power supply)

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