

AUDIO ANALOGUE

CHERUBINI TUNER/USB DAC

The CHERUBINI VT Tuner/USB DAC is a Tuner and includes an entire high performance USB DAC section.

The specific circuits for each mode are completely separated physically and just one section at a time is supplied, according to the selected mode (This avoids any kind of interference between the two signal paths). Instead, the analogue output stage is the same for both of the modes. It is composed by an Op Amp stage followed by a vacuum tube output stage configured as buffer to mix the Op Amp cleanness and filter capability with the typical audio colours of a vacuum tube. Everything has been realized according to the well known Audio Analogue experience in mixed solid state/vacuum tube technology. The power supply is based on a toroidal transformer and each section has its own voltage regulator stage. The whole tuner section has been realized in a metallic separated box to shield the RF interference and a special buffer stage has been put between the tuner section and the output stage to further decrease the RF noise.

All the components, passive and active have been chosen considering their electrical characteristics and sound performance too.

The CHERUBINI VT Tuner/USB DAC has the Trigger Out connections so it can switch on/off another unit of the audio chain.



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TUNER/USB DAC

The Tuner/USB DAC is not just a Tuner but also includes an entire high performance USB DAC section.

The Tuner/USB DAC can be seen as two different audio sources combined in a single piece of equipment, each source corresponding to a different working mode: Tuner Mode and USB DAC Mode.

The USB DAC permits you to connect the Hi-Fi system to the PC or MAC via a USB connection. In this way the PC/MAC sees the Hi-Fi system as its audio board and everything which is played on the PC/MAC is reproduced by the Hi-Fi System. This opens up a wide spread of possibilities which we think will be soon appreciated by every, also "old style", audiophile:

- Listening to tracks in any format (MP3, WMA, FLAC, APE and so on.....) which you have in your PC via a software player. In such cases, according to the player, you can also control the PC (Next track, Previous track, Play, Stop, Pause) by the Tuner/USB DAC.

- Listening to an on-streaming tuner. On the web there are a lot of tuner stations which transmit on-streaming, so a lot of stations from everywhere in the world can be listened to.

Listening to audio movie tracks which are playing on the PC.

