



VOLUMIO RIVO: THE DEFINITIVE DIGITAL STREAMER

Florence, Italy. May 19, 2022. People say that any platform is capable of reproducing a digital audio stream, that any PC usually employed for generic tasks such as web browsing, email, etc. is more than enough. But that's absolutely not true. It took a few years of trial and error to fully grasp this point, and the many enthusiasts who have had the opportunity to appreciate the huge differences between a product conceived for the needs of audio reproduction and a normal computer have taken note.

RIVO is a Bit-Perfect digital audio player equipped with Volumio 3 operating system with its exclusive Manifest interface that allows extremely simple and intuitive management of musical contents, as well as offering even greater fluidity and stability, heightening its overall performance.

The chassis, shared with other Volumio electronics, has been designed by Design Narratives and is made of antimagnetic aluminum; in the middle of the front panel there is a status LED and a power button. The focus of the architecture of RIVO is simplicity, and it has been obtained by a digital signal path as clean as possible without any unnecessary stage. The 24 MHz internal clock, employed for the USB port where an external DAC can be connected, is generated by a high stability quartz.

Beside that, filtering and isolation has been meticulously designed employing multiple 1:1 OFC copper grain oriented transformers, which guarantees the galvanic isolation of the digital outputs (SPDIF and AES/EBU). Power supply is separated for each section, with one dedicated to the internal clock that has its own stabilizer.

Before powering the circuits, a filtering section has been provided, based on a chain of inductors and electrolytic capacitors with ad-hoc developed cells. Beside the USB port dedicated to the DAC, there are many other available outputs: a coaxial SPDIF, an AES/EBU and a HDMI video for the Volumio OSD menus. As for the inputs there is a Bluetooth 5.0 receiver, WiFi and Ethernet connectivity.

RIVO supports every digital format: DSD, WAV, FLAC, Alac, Aac, Vorbis, Cue, Mp3 and many others. It can also be used as a UPNP Renderer. Ease of use is among the main features of Rivo, together with uncompromising audio performance, thanks to its architecture dedicated exclusively to audio use. The possibilities are endless from CD playing and ripping (using an USB external CD player/burner to be connected separately), to the Tuneln tuner for Web Radio, and UPNP/DLNA and CIFS/SMB and NFS support.

Connectivity with Spotify, Tidal, Qobuz, Airplay is also guaranteed, and plug-ins are available for Youtube, Squeezelite, Radio Paradise, Podcasts, Pandora, Fusion DSP, Roon Bridge, Soundcloud, Mixcloud and many others in development. Last but not least, the Multi-Room capability with other Volumio stations, in order to create an integrated environment within your home.

Rivo is dedicated to long-time enthusiasts already equipped with an audio system and an external DAC who want the maximum performance from digital music, no matter which source it comes from.

SPECIFICATIONS

Audio playback: Bit-Perfect up to 192 kHz 24 bit, DSD128 via DoP

Video output: HDMI 2.1/HDCP 2.2 up to 4K 60fps

Digital audio output: SPDIF, AES/EBU

USB DAC port: 1x USB 2.0

USB: 1x USB 3.0, 1x USB 2.0

LAN: Gigabit 10/100/1000M

Wireless: Wi-Fi 802.11a/b/g/n/ac, 2X2 MIMO with RSDB

Bluetooth: 5.0 APT-X, APT-X LL

Supported formats: DSD, WAV, FLAC, Alac, Aac, Vorbis, Cue, Mp3 and many other

UPNP DLNA: Renderer with Open Home support

Supported services: Airplay via Shairport Sync, Spotify & Spotify Connect, TIDAL & TIDAL Connect, QOBUZ

Already available Plugins: Youtube, Squeezelite, Radio Paradise, Podcasts, Pandora, Fusion DSP, Roon Bridge, Soundcloud, Mixcloud

CPU: Amlogic S905D3, Quad Core 1.9 GHz

RAM: 2 GB DDR4

Internal storage: 16 GB EMMC

Power supply: 5V, 3A

Availability: September 2022

Price: 989€

