RME releases MILAN certified Firmware

RME, a manufacturer of professional audio interfaces and converters, announce the release of its first Milan certified firmware. Built on IEEE open standards, Milan ensures seamless interoperability amongst devices of different vendors in a time-sensitive network (AVB/TSN). With a free firmware update, RME devices join a growing number of products in the Milan ecosystem.

Beginning with a release of firmware 2.0.0 for the 12Mic microphone preamplifier today, the M-32 Pro II AD and DA converters will see updates in the coming weeks. Those devices will then be joined by the M-32 Pro AD and DA, AVB Tool and M-1610 Pro devices that have been discontinued but have been receiving updates – reflecting RME's long-term commitment to their customers. The newly launched M-1620 Pro converter will ship with Milan from the beginning, making it a total of eight devices to be added to AVNU's list of certified products.

RME joined the AVNU alliance – creator of Milan – in 2021 and has since then extended their performant AVB implementation towards Milan compliance in several steps, beginning with the introduction of the efficient AAF stream format, CRF media stream clocking functionality and dynamic mappings. Although RME stated early-on that their existing firmware is in fact interoperable with Milan, the certification gives users confidence that they can connect devices out of the box and start streaming up to 128 channels of uncompressed audio with deterministic, super-low latency.

In comparison to other network audio technologies, Milan - and the AVB/TSN technology it is based on - requires switches to participate actively in time stamping and latency measurements, and to be aware of audio streams that pass between specific ports. Bandwidth is reserved as devices connect, making it unnecessary to configure the switches, and subsequently guaranteed – effectively allowing users to run any type of traffic on the same network, without worrying about affecting their audio quality. In addition, Milan includes IEEE 1722.1 ATDECC, an open standard that not only gives control over connections, but also over the entire audio device itself.

www.rme-audio.com