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MOTU ANNOUNCES 112D DIGITAL AUDIO INTERFACE/ROUTER/MIXER/CONVERTER

MOTU 112D OFFERS MASSIVE DIGITAL I/O: MADI, AES/EBU, OPTICAL AND AVB

ANAHEIM CONVENTION CENTER — NAMM SHOW 2015 — Thursday, January 22, 2015. Today MOTU (booth 6410) debuted the 112D, a flexible Thunderbolt-equipped digital audio interface, router, format converter and mixer. The seventh in a series of new, high-end audio interfaces from MOTU, the 112D serves as the flagship digital interface of the new line, offering 24 channels of AES/EBU, 24 channels of ADAT optical and 64 channels of MADI (AES10) for a total of 112 simultaneous digital I/O channels, all in a single rack space. Operating on its own or as a component of a MOTU AVB network system, the 112D shares the many powerful mixing, routing, networking and wireless control features found in MOTU's award-winning AVB interface lineup.

"When it comes to high channel-count digital connectivity, the 112D pretty much does it all," said Jim Cooper, MOTU Director of Marketing. "With MADI, multiple banks of AES/EBU and optical I/O, plus computer I/O and AVB networking, the 112D acts as a central digital hub, allowing users to unify their mixing console, audio workstation and other digital audio gear, and then link it all to an AVB audio network with sub-millisecond routing, hundreds of audio channels, standard Ethernet infrastructure and long, affordable cable runs."

Massive digital I/O, routing, mixing, and format conversion

The 112D provides one set of BNC (coaxial) MADI connectors (in and out), which provide 64 (or 56) channels of I/O at 1x sample rates, 32 (or 28) channels at 2x rates and 16 (or 14) channels at 4x rates (up to 192 kHz). Three 8-channel banks of AES/EBU I/O on standard 25-pin D-sub connectors provide 24 channels at 1x and 2x sample rates (up to 96 kHz). Six banks of ADAT optical I/O provide 24 channels of optical I/O, either with three 8-channel banks at 1x sample rates or with six 4-channel banks of SMUX at 2x sample rates.

Users can connect all their MADI, AES/EBU and optically-equipped gear, plus their computer, mixing console, and AVB network, then route channels from anywhere to anywhere else. With a few finger taps on their iPad screen, users can convert any format to any other. AVB network cable runs can be up to 100 meters long on standard, affordable CAT-6 wiring. For any situation that involves both MADI and audio networking, the 112D serves as an economical and capable MADI-to-AVB converter with near-zero latency and flexible routing and splitting to/from the AVB network.

Powerful DSP delivers large console style mixing with 48 channels, 12 stereo busses, and 32-bit floating point effects processing, including modeled analog EQ, vintage compression and classic reverb. Users can mix audio from any and all sources: the local digital inputs, computer audio channels and other devices on the AVB network.

Flexible computer connectivity

Like MOTU's popular 1248, 8M and 16A interfaces, the 112D provides 128 simultaneous channels of computer I/O over Thunderbolt. All seven interfaces in the lineup, the 112D included, offer cross-platform, class compliant, high-speed USB 2.0 connectivity (compatible with USB 3.0 and iOS), or, as an alternative to USB or Thunderbolt, audio interface operation over AVB Ethernet when connected to a recent-generation Mac running Mac OS X Yosemite (10.10). One primary benefit of using MOTU devices as an AVB audio interface is that users can place their 112D or other MOTU interface up to 100 meters away from their computer using standard, affordable cabling.

Availability

The 112D will ship in Q1 of 2015. Price is \$1,495 USD.

Tech specs and feature summary

<http://www.motu.com/products/avb/112d/specs.html>

Product web pages and images

<http://www.motu.com/products/avb/112d/body.html>

http://www.motu.com/marketing/motu_products/audio_interfaces/112d

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