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## FOR IMMEDIATE RELEASE

### MOTU ADDS THUNDERBOLT™ TECHNOLOGY TO 828x AUDIO INTERFACE

#### NEW 828x AUDIO INTERFACE ADDS THUNDERBOLT™ CONNECTIVITY

ANAHEIM, CA — NAMM SHOW 2014 — Thursday, January 23, 2014. MOTU is now shipping the 828x, a single rack-space audio interface that turns a Thunderbolt technology enabled Mac or PC into a powerful audio workstation equipped with all the audio I/O needed for professional audio recording.

“The 828x combines the many benefits of Thunderbolt connectivity with MOTU’s award-winning audio interface design, features and performance,” said Jim Cooper, MOTU Marketing Director. “The 828x can also connect to any computer with high-speed USB 2.0, which is USB 3.0 compatible, so if you don’t have Thunderbolt yet, the 828x has you covered.”

#### Thunderbolt audio

The new 828x provides all of the same features as MOTU’s latest 828mk3 Hybrid interface, including hi-speed USB 2.0 connectivity to a computer host, but replaces FireWire with full-bandwidth, fully-certified Thunderbolt, the new ultra-fast connectivity standard now found on today’s current-generation MacBooks, iMacs, Mac Pro, and various laptops from leading PC vendors like Hewlett Packard.

Thunderbolt allows users to connect the 828x and other Thunderbolt-equipped peripherals to a laptop for a sleek, state-of-the-art desktop production system. Even with a high-performance hard drive or RAID connected to the Thunderbolt bus, plus a large Apple Thunderbolt display, the 828x easily streams 58 simultaneous channels of audio (28 inputs and 30 outputs) with plenty of bus bandwidth to spare for smooth, glitch-free operation.

Up to six devices can be connected to a Thunderbolt daisy-chain, with the 828x at the end of the chain. Thunderbolt is a plug-and-play protocol, so devices can be hot swapped, even while the host computer remains powered up.

#### 828x feature highlights

**Thunderbolt™ connectivity** — Compatible with Thunderbolt 1 and 2.

**Hi-speed USB 2.0 connectivity** — Compatible with USB 3.0.

**58 simultaneous channels** — 28 inputs and 30 outputs, including two mic preamps with sends, 8 TRS analog in/out, separate main outs on XLR jacks, two banks of optical, S/PDIF, MIDI in/out, time code in/out, word clock I/O, and two front-panel headphone jacks.

**CueMix FX™** — High-powered DSP with mixing and effects on individual ins/outs. Includes classic reverb, modeled analog EQ, and modeled vintage LA-2A compressor.

**Flexible mic/guitar inputs with preamps** — Two front panel combo jacks provide hi-Z 1/4" guitar input or XLR mic input with individual phantom power and pad.

**Precision Digital Trim™** — Digitally controlled analog trim on all analog inputs (mic/guitar inputs + quarter-inch TRS inputs) provides precise adjustments in 1 dB increments.

**V-Limit™ overload protection** — Hardware-based input limiter on the mic inputs prevents digital clipping and distortion from overloaded signal levels up to +12 dB over zero.

**Front-panel control for stand-alone operation** — Access any setting in the entire 828x mix directly from the front panel.

**Foot switch input** — Connect a standard foot pedal switch (sold separately) for hands-free punch-in and punch-out while recording. Or map the pedal to any keystroke function in your host software.

**Direct Digital Synthesis™ (DDS)** — DSP-driven phase lock engine and internal clock source produces imperceptibly low jitter characteristics (below the noise floor), even when the 828x is resolved to an external clock source via SMPTE time code.

**Time code support** — Directly resolves to (or generates) time code via any quarter-inch input or output, without the need for an extra synchronizer.

**DC-coupled TRS outputs** — Use the 828x with Volta™ (sold separately) to manipulate and sequence voltage-controlled modular synthesizers from a host DAW.

**Instrument tuner and audio analysis tools** — Includes an oscilloscope, real-time FFT, X-Y Plot, and graphic phase analysis.

### Availability

828x is now shipping. Price is \$849 USD.

High-resolution product images for web and print can be found here:

[http://www.motu.com/marketing/motu\\_products/audio\\_interfaces/828x/](http://www.motu.com/marketing/motu_products/audio_interfaces/828x/)

For complete info on the web:

<http://www.motu.com/products/motuaudio/828x>

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