Ashun Sound Machines Leviasynth



Ashun Sound Machines (ASM) announces the Leviasynth Keyboard and Leviasynth Desktop, two synthesizer models that will be showcased at The NAMM Show 2026. Built around ASM's new 16-voice Leviasynth engine, each voice features eight oscillators of algorithmic synthesis, combined with both digital and analog filtering, designed to support deeply expressive performance and detailed sound design.

Far from just the traditional 2 or 3 oscillator synth sound, Leviasynth gives you 8 oscillators, with over 300 waveshapes, for truly massive sounds. Leviasynth's algorithmic engine encourages you to experiment with unique oscillator combinations and structures that can bend timbre to your will. From generating thick bass and lead sounds to rich pads and ambient evolving clouds of shimmering glass – algorithms place a new level of power at your fingertips. Leviasynth comes with 144 preset algorithms, and the added ability for you to design and save your own customizable algorithm per patch. If that was not enough, this powerful engine allows for algorithm morphing. You can choose 8 algorithms and morph from one to another, creating smooth transitions between synthesis structures, allowing sounds to evolve in new ways over time.

Each oscillator supports multiple synthesis modes, including phase modulation, frequency modulation, pulse-width modulation, HTE Sync, and three types of phase distortion, providing a broad palette for both traditional and experimental sound design. Leviasynth lets you combine multiple synthesis modes inside a single algorithm for truly unique sound design possibilities.

The output of the algorithm then feeds into the dual filter stages. The first filter is our famous Hydrasynth digital filter, with 18 different types and modes ranging

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from low pass, multi-mode, and high pass filters to esoteric filters like the vocal formant filter. The second filter is our new, pure analog 4-pole resonant filter. This rich analog filter includes custom-built pre-drive saturation that elevates your sound with a fiery warmth as well as a screaming self-oscillation, creating a hybrid signal path that blends digital precision with analog character.

For sound shaping and performance control, Leviasynth includes a 32-slot modulation matrix with 170 modulation sources and over 290 internal modulation destinations, alongside a comprehensive onboard effects section derived from ASM's Hydrasynth design. A built-in three-track sequencer, featuring two note tracks and one parameter-automation track, is paired with an arpeggiator that introduces an Entropy function for real-time variation of arpeggio patterns. Arpeggiator patterns can also be generated directly from user-created sequencer data.

Both models ship with a factory library of 512 Single-mode patches and 256 Multi-mode patches designed for instant playability both in studio and on stage, and feature a full-color touchscreen with dedicated knobs and buttons for sound design and performance control; and both are supported by the updated ASM Patch Manager for macOS and Windows, which handles firmware updates, patch organization, backup, and restoration at lightning speed.

The keyboard model pairs the Leviasynth engine with our game-changing 61-note Polytouch polyphonic aftertouch keybed featuring semi-weighted keys, designed to provide detailed, per-note control for expressive performances. A four-octave ribbon controller with multiple operating modes further expands real-time interaction, supporting pitch control, modulation, and custom assignments. Designed for hands-on performance, the keyboard version emphasizes physical control and responsiveness, allowing players to shape timbre, dynamics, and modulation directly from the keyboard for both stage and studio use.

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The desktop model delivers the complete Leviasynth engine in a compact, tabletop design, offering the same synthesis architecture and performance features as the keyboard version. 16 Polytouch polyphonic aftertouch pads offer an additional step sequencing mode. The unit supports VESA mounting as well as 19-inch rack mounting, making it well-suited for studio- and rack-based setups, modular rigs, and systems where a separate keyboard or controller is already in use, while providing full access to Leviasynth’s synthesis and modulation capabilities.

“Our goal at ASM is to create premium-quality, great-sounding, and highly playable electronic instruments that give musicians accessible tools for musical expression,” says Glen Darcey, CEO of Ashun Sound Machines. “Our team brings decades of experience designing and performing with electronic instruments, and our partnership with Medeli allows us to realize that vision in products like Leviasynth.”

The Leviasynth Keyboard and Leviasynth Desktop are expected to ship in February 2026 through ASM’s global network of authorized dealers. Both models will be on display at The NAMM Show 2026, with hands-on demonstrations available throughout the show at ASM Booth 10102. ASM will also be at the Buchla & Friends show in Downtown Los Angeles, CA on Saturday January 24th and Sunday January 25th.

Leviasynth Keyboard

- USD $2,999
- EUR €3,199 / GBP £2,799
- CAD $3,749

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Leviasynth Desktop

- USD $2,199
- EUR €2,349 / GBP £2,049
- CAD $2,699

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