



M-AUDIO

# VENOM

12-Voice Virtual Analog Synthesizer



The M-Audio® Venom™ 49-key synthesizer combines the character of classic analog synths with modern digital processing to deliver an aggressive, infectious new sound. Whet your appetite with the included presets, then sink your teeth into creating original sounds—from atmospheric and subtle, to angry and downright nasty. Easily tweak parameters from the intuitive top-panel interface, or explore endless sound design and configuration possibilities with the included software editor. Perform bass lines, leads, and more with a full-size keyboard designed to satisfy serious players. You can even use Venom as an audio interface with Pro Tools® M-Powered™\* and other music software—forming a powerful production machine to take your music in dangerous new directions.

\* Requires Pro Tools M-Powered 8 or higher.

## Instant Inspiration

Venom comes fueled with 512 Single patches and 256 Multi-sound (layered) patches created by a world-class sound design team—so you can start playing everything from bombastic basses, blistering leads, and 8-bit drums to grainy pads, menacing textures, and glitchy effects right out of the box. You'll also find a classic arpeggiator for added animation. Tweak the sounds using the intuitive top-panel performance controls—or dig in deep using the supplied software editor.

## A Killer New Sound

Thanks to a completely new M-Audio synth engine, Venom merges analog flavor with digital power—providing a unique sonic signature that stands apart from the glossy sheen of other virtual analog synths. You get 41 oscillator waves and 53 drum sounds sampled from the most awesome vintage keyboards of the past four decades—complete with DSP-induced oscillator drift for a retro vibe. Each of the 12 simultaneous virtual analog voices features three oscillators, giving you tons of flexibility for octaves, intervals, and fat, detuned offsets. Venom even offers FM, sync, and dynamic wave-shaping on all waveforms for unique hybrid sounds.

For even more sound-shaping possibilities, the Venom resonant multimode filter features 12dB/octave (2-pole) and 24dB/octave (4-pole) operation, with tube saturation limiting on the input for that classic overdriven sound. Each voice also sports three LFOs with selectable sample-and-hold to create evolving, rhythmic sounds—plus three AHDSR envelopes for total control of your unique sound.

## 50-Word Description

The M-Audio® Venom™ 49-key synthesizer combines the character of classic analog synths with modern digital processing to deliver an aggressive new sound. Venom offers 12-voice polyphony, three oscillators per voice, ring mod, tube-style saturation, six resonant filter types, on-board effects, and a built-in Pro Tools® M-Powered™ compatible interface.

## 25-Word Description

The M-Audio® Venom™ 49-key synthesizer combines the character of classic analog synths with modern digital processing to deliver an aggressive new sound.

## Top Features

- the warmth of vintage keyboards combined with modern digital processing > aggressive new sound
- 512 single-sound patches and 256 layered patches > start playing right out of the box
- intuitive real-time performance controls plus software editor > endless sound design possibilities
- 49-key, full-size, synth-action keyboard > great playability
- Pro Tools® compatible USB audio/MIDI interface > ready for the stage and studio

# Venom—12-Voice Synthesizer with Built-in USB Audio Interface

## Full Features

- 49-key, full-size, synth-action keyboard
- 12-voice polyphony, each voice including:
  - 3 oscillators with 41 waveforms and 53 drum sounds sampled from vintage analog synths, FM digital synths, and drum machines
  - pulse-width modulation, sync, FM, and ring modulation
  - resonant multimode filter with tube saturation limiting
    - 12 dB/octave (2-pole) low pass
    - 12 dB/octave (2-pole) band pass
    - 12 dB/octave (2-pole) high pass
    - 24 dB/octave (4-pole) low pass
    - 24 dB/octave (4-pole) band pass
    - 24 dB/octave (4-pole) high pass
  - 3 LFOs with selectable sample-and-hold
  - 3 AHDSR envelopes
  - 16 modulation routes
- 4-part multitimbral operation with independent MIDI-syncable phrase sequencers
- 512 onboard Single patches
- 256 onboard Multi (layered) patches
- 2 global bus effects
  - Reverb, Delay, Chorus, Flanger, Phaser
- 1 insert effect per multitimbral part (4 total)
  - Compression, EQ, Distortion, Bit Reduction, Decimation
- classic arpeggiator with up, down, and alternating patterns
- tap-tempo and manual BPM control from top panel
- built-in USB 2.0 audio/MIDI interface (USB 1.1 backward compatible)
  - 2 x 2 24-bit, 44.1 kHz operation
  - mic, instrument, and stereo line level inputs route to DAW
  - synth sounds route to DAW
  - DAW audio output mixes into main outputs
  - stereo main audio outputs (1/4" TS)
  - stereo headphone output (1/4" TRS)
  - master volume knob; instrument and mic gain knobs
  - MIDI In and MIDI Out (5-pin DIN)
- large custom LCD
- 4 rotary encoders and 1 button for performance control and editing
- dual-function octave up/down and transpose controls
- assignable pitch bend and modulation wheels
- sustain (1/4" TS) and expression (1/4" TRS) pedal inputs
- included Vyzex Venom software editor
  - arrange sounds into banks, rename patches, and save backups
  - patch collider feature mashes up multiple patches to create new hybrid sounds
  - 16-cell modulation matrix offers comprehensive routing configurations

For detailed audio interface specifications, visit [m-audio.com/venom](http://m-audio.com/venom)

## Compatibility

- MME, ASIO, Core Audio/Core MIDI
- Pro Tools M-Powered 8 and higher

## Minimum System Requirements

### Venom Audio/MIDI USB Driver (PC)

Windows® XP 32-bit (SP3)\*

- 1.8 GHz multi-core processor\*\*

Windows Vista 32- or 64-bit

- 1.8 GHz multi-core processor\*\*

Windows 7 32- or 64-bit

- 1.8 GHz multi-core processor\*\*

### Venom Audio/MIDI USB Driver (Mac)

Mac OS X 10.5.8 or 10.6.2

- 1.8 GHz multi-core processor\*\*

\* Home and Professional Edition only. Windows Media Center Edition not supported.

\*\* CPU may be higher for laptops. Avid suggests you also check the minimum system requirements for your software, as they may be greater than the above.

### Vyzex Venom Editor/Librarian (PC)

- Windows XP, Vista, or Windows 7
- P4 equivalent processor
- 32-bit color graphics
- 1024 x 800 or larger display

### Vyzex Venom Editor/Librarian (Mac)

- Mac OS X 10.4, 10.5, or 10.6
- PowerPC G5 or Intel processor
- 1024 x 800 or larger display

## Weights and Measurements

SKU:	9900-52873-00 (US), 9900-52873-12 (Int'l)
Price:	\$599.95 USMSRP
UPC:	612391710286 (US), 612391710293 (Int'l)
Unit Dimensions, unboxed:	31.7 x 11.9 x 3.4 in (80.4 x 30.2 x 8.7 cm)
Unit Dimensions, boxed:	33.1 x 14.2 x 5.7 in (84.0 x 36.0 x 14.5 cm)
Unit Weight, unboxed:	10.1 lbs (4.6 kg)
Unit Weight, boxed:	13.6 lbs (6.2 kg)
Units per Case:	2
Case Weight:	30.9 lbs (14.0 kg)
Case Dimensions:	31.7 x 12.2 x 15.4 in (80.5 x 31.0 x 39.0 cm)

## Package Contents

- Venom synthesizer
- Printed quick start guide
- CD containing Vyzex Venom software editor, audio control panel, software drivers, installer/uninstaller, user guide, and other documentation
- USB cable
- Power supply

For more information visit [www.m-audio.com/venom](http://www.m-audio.com/venom)

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