

Oberheim Electronics

Oberheim Electronics, is a manufacturer of audio synthesizers and a variety of other electronic musical instruments. Founded in 1969^{[1][2]} by Tom Oberheim (a former designer and contract manufacturer for Maestro).^[3]

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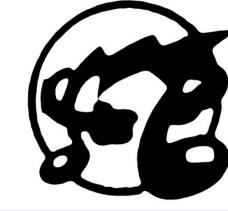
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History and Products

Oberheim Electronics

Originally a manufacturer of electronic effects devices (most notably the Maestro phase shifter),^[3] and briefly an ARP Instruments dealer,^[3] Oberheim went on to create several ground-breaking products in the early days of synthesizers and electronic music including the DS-2 (one of the first digital music sequencers) and the Synthesizer Expansion Module (SEM).

Oberheim Electronics



Founded	1969
Headquarters	Los Angeles,
	California

Key people Tom Oberheim, founder

Signal processir **Products**

synthesizers, sequencers, dru

machines



SEM (1974-1979 2009-)

Oberheim polyphonic synthesizers

Oberheim's Two-voice TVS-1, Four-voice FVS-1 in 1975, [1] and Eightvoice in 1977, [4] (which was the four voice frame with an external 4 SEM module) were among the first commercially available polyphonic synthesizers. Configurations were based on the SEM. The Two-voice synthesizer included a two channel voltage controlled sequencer, and the Four-voice and Eight-voice machines included a rudimentary Programmer, capable of recalling sound settings.



Oberheim 4 Voice (1975-1979)

Oberheim's later synths like the <u>OB-X</u> and <u>OB-Xa</u> abandoned the relatively bulky SEMs in favor of individual or convoice cards, and common cabinetry and power supplies. Oberheim continued to make synthesizers until the late 1 Other notable Oberheim synthesizers include the <u>OB-1</u> (monophonic), the <u>OB-8</u>, the <u>Xpander</u>, the <u>Matrix-6</u>, the <u>Matrix-1000</u> marketed after the acquisition by Gibson. [5][6]





OB-1 (1978/1979)





Xpander (1984)

Matrix-6 (1985)

Oberheim drum machines

Oberheim's <u>DMX</u> drum machine, a staple of early <u>hip-hop music</u>, [7] lent its name to the Producer <u>Davy DMX</u>, e musician <u>DMX</u> Krew, and is still used in <u>dancehall reggae</u> music.

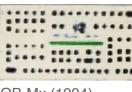


Both Marcus Ryle and Michel Doidic worked for Oberheim as instrument designers before helping develop the amultitrack digital tape recorder for <u>Alesis</u>, (a 'prosumer' grade digital recording multitrack deck designed to compete the Tascam DA series of digital multitracks) and then moving on to found Line 6 together.^[8]

Oberheim/Gibson

Oberheim went bankrupt and was acquired in 1985 by a group of lawyers who changed the name to Oberheim ECC. Tom was creatively still at the helm, although he left the company within a couple of years to start a new venture called Marion Systems. After a second bankruptcy in early 1988, Gibson Guitar Corporation, a larger musical instrument manufacturer (who,





OB-Mx (1994)

Oberheim. Gibson, at the direction of Keith McMillen (Gibson's vice president and chief of R&D), then produce Oberheim OB-Mx^[10] in collaboration with D.N. "Lynx" Crowe and <u>Don Buchla</u>; the Oberheim <u>Echoplex Digital I</u> collaboration with Aurisis Research (Matthias Grob, Kim Flint, Eric Obermühlner); and re-released the Ober Strummer and Matrix 1000.

Gibson had split from its parent company, Norlin, in 1986. Norlin handled distribution for Oberheim's major compound Moog Music.

Oberheim/Viscount

The trademark was later licensed to <u>Viscount International</u>, an Italian digital-organ producer. Viscount developed in a few years various instruments that were very innovative for the time and are still in demand: the digital synth <u>Oberheim OB*12</u>,^[11] the guitar DSP <u>GM-1000</u> with lots of effects,^[12] the MC series of master keyboards,^[13] and the <u>OB3²</u>, a portable and inexpensive imitation of the popular Hammond series of organs.^[14]



OB*12 (2000)

TomOberheim.com

In 2009, Tom Oberheim announced that he was manufacturing a new version of his classic analog <u>SEM</u>. [15][16][17][18

In 2011–2012, Tom Oberheim announced a four-voice SEM called "Son Of 4 Voice" (SO4V),^[19] as well as an up version of the classic Two-Voice known as the <u>Two-Voice Pro</u>.^[20] The "Son Of 4 Voice", also known as SO4V, the Voice Pro started shipping in 2014.^[21]



MIDI-to-CV converter panel for the SEM



EuroModular SEM (2015)



Two-Voice Pro (2015)

At the <u>NAMM</u> show of January 2016, Tom Oberheim announced the <u>Dave Smith Instruments</u> OB6, a collaboration <u>Dave Smith</u> which resulted in Tom Oberheim's first voltage-controlled multi-voiced polyphonic synth since the 1980s; Tom Oberheim designed the VCO/VCF part replicating his SEM module, while control features, arpeggiator sequencer and effects processing were designed by Smith using his Prophet platform.^[22]

See also

Tom Oberheim

- Gibson Guitar Corporation
- Viscount

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External links

- Oberheim Abbey (http://forum.onecenter.com/cgi-bin/forum/forum.cgi?fid=analog)
 Synthesizer Discussion Forum
- Oberheim Zone (http://www.synthzone.com/ober.htm) at SynthZone.com
- Oberheim overview (http://www.synthsale.com/brands/oberheim) at SynthSale
- Viscount Italy (http://www.viscount.it) main site
- TomOberheim.com (http://www.tomoberheim.com) The new Oberheim site
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