

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer with 4 FX Engines, 2 OSCs and LFOs per Voice, 3 ADSR Generators, 8-Channel Modulation Matrix, 32-Step Control Sequencer, Tablet Remote Control and Built-In Wifi



- Classic polyphonic synthesizer with 12 true analog voices for insanely fat and authentic sounds
- 4 simultaneous world-class TC ELECTRONIC and KLARK TEKNIK FX with over 30 algorithms including Reverb, Chorus, Flanger, Phaser, Delay and multi-band Distortion
- 12 voices with 2 OSCs per voice with oscillator sync mode
- 2 LFOs per voice with 7 waveform shapes, key sync, MIDI sync and envelope auto-triggering
- 3 ADSR generators per voice for control of VCF, VCA and MOD envelopes
- Flexible 8-channel modulation matrix with 19 sources and over 130 destinations including effects parameters
- 32-step control sequencer with adjustable slew rate and MIDI sync
- Full remote control via iPad*/PC/Mac* and selected Android* App over USB, MIDI or built-in WiFi for extended parameter control
- 49 semi-weighted full-size keys featuring velocity sensitivity and after-touch
- Pure analog signal path based on legendary VCF and VCA designs
- OSC 1 generates sawtooth and square/pulse waveforms with pulse width modulation
- OSC 2 generates square/pulse waveforms with tone modulation

A Brief History of Analog Synthesis

The modern synthesizer's evolution began in 1919, when a Russian physicist named Lev Termen (also known as Léon Theremin) invented one of the first electronic musical instruments – the Theremin. It was a simple oscillator that was played by moving the performer's hand in the vicinity of the instrument's antenna. An outstanding example of the Theremin's use can be heard on the Beach Boys iconic smash hit "Good Vibrations".



Ondioline

In the late 1930s, French musician Georges Jenny invented what he called the Ondioline, a monophonic electronic keyboard capable of generating a wide range of sounds. The keyboard even allowed the player to produce natural-sounding vibrato by depressing a key and using side-to-side finger movements. You can hear the Ondioline on Del Shannon's "Runaway".

Synthesizers and Samplers

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer with 4 FX Engines, 2 OSCs and LFOs per Voice, 3 ADSR Generators, 8-Channel Modulation Matrix, 32-Step Control Sequencer, Tablet Remote Control and Built-In Wifi

- Selectable dual slope 12/24 dB analog low pass filter per voice with adjustable resonance
- Envelope faders seamlessly transform individual envelope segments between linear, exponential and reverse exponential curves
- Powerful unison and poly modes with detune, pan spread and drift parameters featuring up to 12 voices per note
- Global noise generator dramatically expands waveform generation
- Incredible polyphonic portamento with flexible fixed rate, fixed time and exponential pitch glide modes
- Sophisticated arpeggiator with tap tempo button and user configurable pattern modes
- Chord and PolyChord memories enable polyphonic performances from monophonic playing styles
- True bypass mode for pure and high-integrity analog tone
- Global variable 6 dB high pass filter with powerful bass boost switch
- 26 sliders and one switch per function give direct and real-time access to all important parameters
- Spring-loaded pitch and assignable modulation wheels provide total hands-on performance
- LCD Display with encoder, navigation switches and data value slider for rapid menu parameter editing and program selection

Storytone Piano

Designed by famous piano manufacturer Story & Clark in association with RCA, the Storytone piano debuted at the 1939 New York World's Fair. Hailed as the world's first electric piano, the Storytone is prized by musicians and collectors alike for its realistic piano sound – only 500 or so were ever built.



Hammond Novachord

The 1939 World's Fair was a big year for electronic music with Hammond also introducing the first 72-note polyphonic tube synthesizer, the Novachord. It wasn't exactly portable, as it weighed nearly 500 lbs (227 kg), and contained 163 vacuum tubes – and more than 1,000 custom designed capacitors.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer with 4 FX Engines, 2 OSCs and LFOs per Voice, 3 ADSR Generators, 8-Channel Modulation Matrix, 32-Step Control Sequencer, Tablet Remote Control and Built-In Wifi

- 1024 user program memories with “compare and match” feature to quickly match all analog controls to values stored in program
- Fully servo-balanced stereo outputs for highest signal integrity
- CV/pedal input for connection to modular systems
- Comprehensive MIDI implementation (including NRPN/CC control of all parameters and bulk load/save)
- Integrated and configurable WiFi client / Access point allows easy and secure connection to home network
- 3-Year Warranty Program*
- Designed and engineered in the U.K.

Mellotron

Finding a high level of acceptance in the 1960s, Harry Chamberlin's Mellotron was an electro-mechanical keyboard that generated sounds by playing back pre-recorded tape loops. Although temperamental and prone to pitch and mechanical issues, the Mellotron was used extensively by many U.K. artists. Classic tracks from the Moody Blues *Days of Future Passed*, the Beatles “Strawberry Fields Forever”, and the Rolling Stones “She’s a Rainbow” are prime examples.

Attribute author: By Buzz Andersen from San Francisco, California, United States - Mellotron | NAMM 2007



Arp 2600

Manufactured by ARP Instruments, Inc., the Arp 2600 was one of the most successful synthesizers to come out of the 1970s. They were ideal for players new to the synth world, and allowed patches to be changed via switches or 1/8" audio cables. The list of recordings and artists that used the venerable Arp 2600 reads like a veritable Who's Who of rock, pop and jazz, and includes The Who, David Bowie, John Lennon, Depeche Mode, Edgar Winter, Frank Zappa and Herbie Hancock – to name just a few. An Arp 2600 was even used to create the voice of the Star Wars character R2-D2.

Attribute author: The original uploader was Kimi95 at Italian Wikipedia - <http://www.vintagesynth.com/arp/arp2600blue.jpg> e <http://www.vintagesynth.com/arp/arp.php>, CC BY 3.0, <https://commons.wikimedia.org/w/index.php?curid=7708499>

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

Minimoog

Designed to replace the large, modular synths being used in pop music at the time, Bill Hemsath and Robert Moog developed the Minimoog in 1971. The monophonic instrument became the first truly all-in-one, portable analog synthesizer. Thanks to its 3 oscillators and 24 dB/octave filter, the Minimoog produces an extremely rich and powerful bass sound and is still in high demand today. Yes keyboardist Rick Wakeman said the instrument "absolutely changed the face of music."

Attribute author: glacial23 - Early Minimoog Uploaded by clusternote, CC BY-SA 2.0



Yamaha CS-80

In 1976, Yamaha released their CS-80 8-voice polyphonic synthesizer, which provided velocity-sensitive keys and aftertouch that worked on individual voices. The analog instrument featured a ribbon controller, which allowed the user to perform polyphonic pitch bends and smooth glissandos. Composer Vangelis used the CS-80 extensively in the Blade Runner and Chariots of Fire soundtracks. The CS-80 also provided the bass line heard in the BBC 1980 series Doctor Who theme song.

Image attribution: Pete Brown from Gambrills, MD, USA (DSC00539) [CC BY 2.0 (<http://creativecommons.org/licenses/by/2.0>)], via Wikimedia Commons

DEEPMIND 12

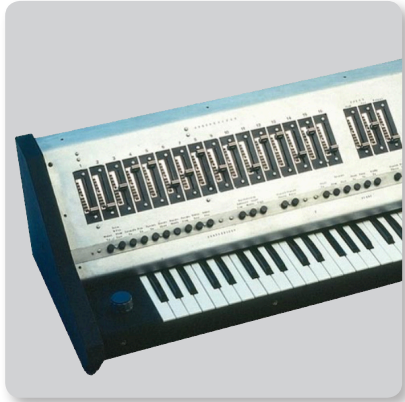
True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

Sequential Circuits Prophet 5

Sequential Circuits introduced the Prophet 5, which was the first analog 5-voice polyphonic synthesizers to provide onboard memory storage of all patch settings for instant recall. The great-sounding Prophet 5 revolutionized the synthesizer world and, in spite of its rather expensive price tag, became one of the most successful synths of all time. Designed by Dave Smith and J Owen, the Prophet 5 was the keyboard of choice by a very long list of performers that includes Peter Gabriel, Philip Glass, Journey, The Cars, Thomas Dolby, Duran Duran, Gary Numan, Pink Floyd, and countless others.

Image attribution: original uploader was Felix2036 at Dutch Wikipedia derivative work: Clusternote (Sequential_Circuits_Prophet_5.jpg) [Public domain], via Wikimedia Commons

Which brings us to 1977...



A Passion for Keyboards

Our founder, Uli Behringer has a deep passion for keyboards. Born in the small town of Baden, Switzerland in 1961, Uli grew up in a musical family where his mother taught him to play the piano at the tender age of four. His father was a scientist who built a massive organ in the family home and taught the young lad all about electronics. So at the age of 17, Behringer built his first synthesizer – the UB-1. Later, while attending college to seek a degree in audio engineering, Uli put his electronics knowledge to use, building his own equalizers and signal processors to fill the gap left by the university's inability to provide enough proper studio gear. Word soon spread about how good his products were, and he began building gear for his friends – the **BEHRINGER** legacy had begun. The rest, as they say, is history...

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



DEEPMIND 12

With the creation of DEEPMIND 12, the ultimate true analog, 12-voice polyphonic synthesizer is finally a reality. DEEPMIND 12 allows you to conjure up virtually any sound you can imagine with unparalleled finesse and ease. Thanks to its 4 FX engines, dual analog OSCs and LFOs per voice, 3 ADSR Generators, 8-Channel Modulation Matrix and onboard 32-Step Control Sequencer, the DEEPMIND 12 gives you complete control over your soundscape. Plus, DEEPMIND 12 features comprehensive remote control via iPad*/PC/Mac and selected Android* Apps over USB, MIDI or built-in Wifi – for a custom-tailored workflow that lets your creative spirit soar to new heights.

Classic Polyphonic Synthesizer

The inspired synthesizer tracks laid down in the 1970s and '80s are etched in the annals of progressive rock and pop music forever, making them truly classic in every sense of the word. DEEPMIND 12's pure analog signal path with legendary IR3109-style VCFs, stereo VCAs, and 12-voice polyphony lets you recreate all that magic or design the powerful, original sounds that just might make you a legend in your own right.



DEEPMIND 12

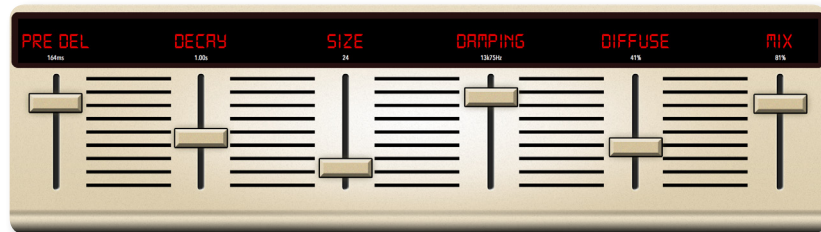
True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

The FX Racks

We also included 4 simultaneous FX engines with over 33 world-class **TC ELECTRONIC**, **MIDAS** and **KLARK TEKNIK** algorithms – including Reverb, Chorus, Flanger, Phaser, Delay, Multiband Distortion, and many more. Custom-designed and physically modeled after some of the most iconic and sought-after processors, DEEPMIND 12's FX were essentially “rebuilt” in the digital domain – and put right at your fingertips. All effects run inside the low-latency environment of the DEEPMIND 12, ensuring flawless performance and flexible routing.



TC ELECTRONIC is synonymous with some of the best sounding reverbs found anywhere. The **TC DEEP REVERB** provides 9 iconic reverb modes you know and love in tone effect that sounds insanely good. It's amazing that just 4 controls (Decay, Tone and PreDelay) provide such a wide range of tonal options – bright and springy, warm and bouncy, or gigantic dark reflections. All that – and then some!



The Lexicon 480L* has been recognized as the gold standard of digital reverb, and we have included five of the finest reverb models: **HALL**, **AMBIENT**, **RICH PLATE**, **ROOM** and **RICH CHAMBER**. These models precisely capture all nuances based on our “True Physical Modeling” and our algorithms even incorporate the unit's AD/DA gain stepping converters – nailing the entire analog and digital circuit paths, right down to the last detail. (Inspired by Lexicon 480L*)

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



Based on the legendary EMT250, the **VINTAGE REVERB** delivers a shimmering, bright reverb that won't drown out or overpower your live/recorded tracks. Use the **VINTAGE REVERB** to sweeten vocals and snare drums without sacrificing clarity. (Inspired by EMT250 Plate Reverb*)



PLATE REVERB emulates the characteristics of a plate reverb chamber with control over the damping pad, modulation depth and speed, and crossover. **PLATE REVERB** will give your tracks the sound heard on countless hit records since the late 1950s. (Inspired by Lexicon PCM70*)



Our **GATED REVERB** recreates the sound achieved by combining a reverb with a noise gate, and is especially effective for a 1980s-style snare sound or to boost the presence of a kick drum. (Inspired by Lexicon 300/480L*)

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
 with 4 FX Engines, 2 OSCs and LFOs per Voice,
 3 ADSR Generators, 8-Channel Modulation
 Matrix, 32-Step Control Sequencer,
 Tablet Remote Control and Built-In Wifi



REVERSE REVERB puts the reverb tail in front of the sound source, creating a swelling crescendo that adds an ethereal quality to vocal and snare tracks. (Inspired by Lexicon 300/480L*)



Taking up only one FX slot, the **CHORUS & CHAMBER** effect combines the shimmer and doubling characteristics of a studio-grade chorus with the sweet sound of a traditional chamber reverb. (Inspired by Lexicon PCM70*)



Here we combine **DELAY & CHAMBER**, so that a single device can provide a variety of delay settings, plus add just the right type and amount of reverb to the selected signal. (Inspired by Lexicon PCM70*)

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



FLANGER CHAMBER combines the mind-bending, filter-sweeping effect of a state-of-the-art flanger with the elegant sweetening of a traditional chamber reverb – all in one FX slot. (Inspired by Lexicon PCM70*)



The **4 BAND EQ** is a sweep parametric equalizer, and is taken directly from the MIDAS PRO X Live Digital Console. The bands are low, low mid, high mid and high, with the mid bands using a Q Factor adjustment to custom-tailor the sound. Any combination of the four bands may be used simultaneously.



STEREO ENHANCER lets you emphasize the Bass, Midrange and Hi output at selectable frequencies, for maximum punch, clarity and detail – without turning up the overall volume. (Inspired by SPL Vitalizer*)

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



The Fairchild 670 tube compressor not only achieves record bids in high-end vintage gear auctions, it also delivers some of the finest colorations in compressor history. Two small trim VR's preset the control side chain action, a six-step switch determines the timing, and the two large Input and Threshold knobs adjust the levels. Our **FAIR COMPRESSOR** model is true to the original signal path, and conveniently provides models for dual, stereo-linked or mono and stereo operation. (Inspired by Fairchild 670*)



MIDAS MULTI-BAND DISTORTION is ideal for making the sound gritty, adding more warmth through saturation, or even enhancing a specific frequency region. With 6 distortion types to choose from, you can go from softly-saturated to ultra-aggressive distorted tones – and everything in-between.



The **RACKAMP** simulates the sound of plugging your instrument (or sound) into a real amplifier. From shimmering cleans to saturated crunch, the RACKAMP allows you to sound great – without using an amp on stage. (Inspired by Tech 21 SansAmp*)

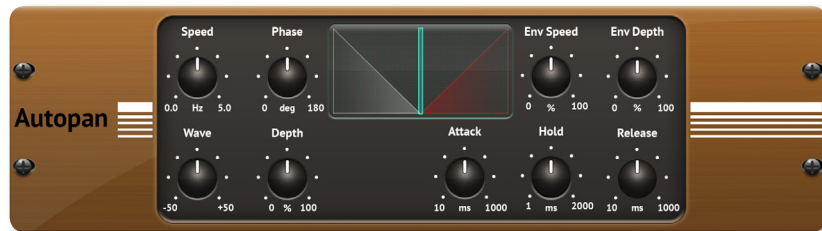
Synthesizers and Samplers

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
 with 4 FX Engines, 2 OSCs and LFOs per Voice,
 3 ADSR Generators, 8-Channel Modulation
 Matrix, 32-Step Control Sequencer,
 Tablet Remote Control and Built-In Wifi



The **EDISON EX1+** is the reincarnation of one of our own analog classics. This remarkably-effective tool allows manipulation of the stereo field. Selectable M/S input/output modes allow the processing or creation of mono or stereo sound sources. (Inspired by BEHRINGER EDISON)



AUTO PAN creates an up and down volume change at a constant and even tempo, just like the guitar amps of yesteryear. Use the AUTO PAN to add a unique “surf-music” texture to your performance.

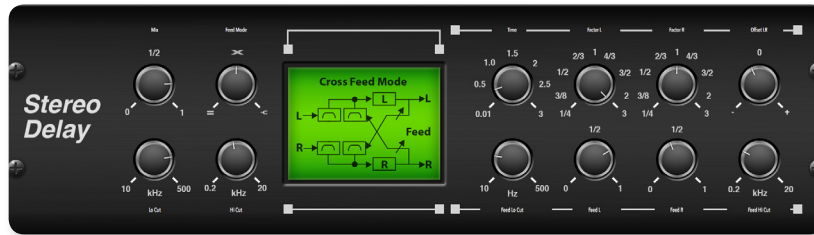


The **NOISE GATE** block sounds from passing that are below the applied threshold level, without reducing overall dynamics thanks to our proprietary Transient Accenting technology.

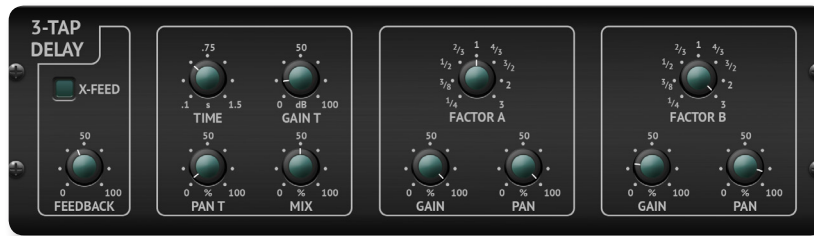
Synthesizers and Samplers

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
 with 4 FX Engines, 2 OSCs and LFOs per Voice,
 3 ADSR Generators, 8-Channel Modulation
 Matrix, 32-Step Control Sequencer,
 Tablet Remote Control and Built-In Wifi



STEREO DELAY provides independent control of the left and right delay times and features high and low pass filters for enhanced tone shaping of the affected signals. Use the **STEREO DELAY** to give your mono signals a wide presence in the stereo field.



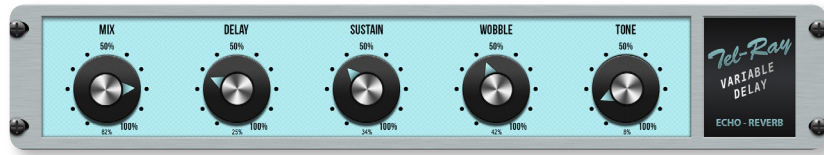
The **3-TAP DELAY** records the input signal and then echoes it back after a user-definable period of time and number of repeats. What makes the stereo and triple delay useful and outstanding is the linked tap-timing and musical choice of echo patterns. Use the **3-TAP DELAY** to fatten up vocals and instruments, or to add an enhanced spatial element to any performance.



The **4-TAP DELAY** records the input signal and then echoes it back after a user-definable period of time and number of repeats. What makes the stereo and quadruple delay useful and outstanding is the linked tap-timing and musical choice of echo patterns. Use the **4-TAP DELAY** to fatten up vocals and instruments, or to add an enhanced spatial element to any performance.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
 with 4 FX Engines, 2 OSCs and LFOs per Voice,
 3 ADSR Generators, 8-Channel Modulation
 Matrix, 32-Step Control Sequencer,
 Tablet Remote Control and Built-In Wifi



TEL-RAY ECHO DELAY features an incredibly simple set of knobs that allow you to create delay, echo, chorus, vibrato and reverb type effects – all in one handy device. (Inspired by original 1960's Tel-Ray gear)



DECIMATOR DELAY reduces the sampling frequency and the bit-depth of the signal. The Decimator Delay is a creative tool that can be used in many ways, from emulating the aliasing noise found in older samplers, to generating complex, low-fi and rough delay lines.



MODULATION DELAY combines three of the most used time modulation effects into one easy-to-operate unit. Enjoy true-stereo delay with a lush and spacious chorus, topped off with three reverb models to choose from.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



STEREO CHORUS samples the input, slightly detunes it and mixes it with the original signal to produce a somewhat thicker, shimmering sound. Use it to fatten up background vocals, or to double the sound of brass and woodwind instruments.



The **DIMENSIONAL CHORUS** is the perfect emulation of what has been referred to as “the best analog chorus unit ever created”. Four simple Mode preset buttons activate amazing effects, best described as “space” and “dimension”. Absolutely faithful to the original, multiple preset buttons can be pressed simultaneously. (Inspired by Roland Dimension D Chorus*)



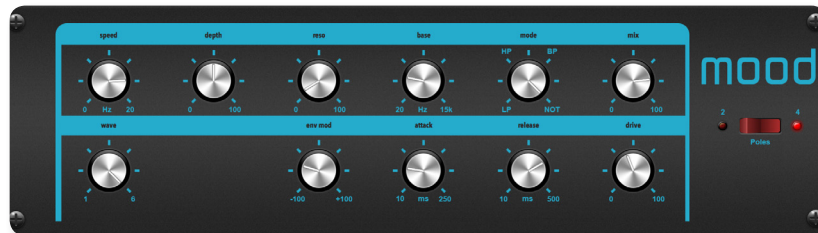
The **STEREO FLANGER** emulates the phase-shifting sound (comb-filtering) originally created by applying pressure against the flange of the reel on a tape recorder. This effect creates a unique “wobbly” sound that is quite dramatic when used on vocals and instruments.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



A **STEREO PHASER**, or phase shifter, applies multiple stages of modulated filters to the input signal to create a “notch” in the frequency response, and then blends it with the original for a “swirling” effect. Use the STEREO PHASER to add a “spaced-out” sound to vocal or instrument tracks.



The **MOOD FILTER** uses an LFO generator and an auto-envelope generator to control a VCF (voltage-controlled filter), as well as a side chain function where the channel B signal controls the envelope of channel A.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



The **DUAL PITCH SHIFTER** allows you to add up to two additional notes to the original signal to create harmony. It can also be used with only a minor pitch adjustment to create much thicker sounds, often referred to as “voice doubling”.



ROTARY SPEAKER emulates the sound of a Leslie rotating speaker and is most commonly associated with an organ or guitar. This version provides much more flexibility than its electro-mechanical counterpart, and can be used with a variety of instruments (even vocals) to create a whirling, psychedelic effect.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

12
VOICES

Glorious 12-Note Polyphony

Playing chords and building textural soundscapes requires the ability to generate multiple notes or sounds simultaneously. While early analog synthesizers were either monophonic (only 1 note at a time), or somewhat limited in the number of sounds they could produce at the same time, the DEEPMIND 12 boosts your creativity with 12-note polyphony. Each voice has 2 oscillators, with OSC 1 generating sawtooth and square/pulse waveforms with pulse width modulation, and OSC 2 generates square/pulse waveforms with a unique tone modulation. With 24 oscillators at your disposal, a tremendous range of options becomes available including the following oscillator modes: Unison 12, 6, 4, 3, 2 Mono; Mono -2; Mono 4; Mono 6; Poly; Poly 6, and Poly 8. The addition of oscillator sync, oscillator drift and parameter drift allow the recreation of the much sought after warmth and movement found in vintage analog synthesizers, with greatly improved reliability and stability.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

Making Waves

Individual voices also have 2 LFOs (Low-Frequency Oscillators) with a range that extends into the audio rate. Each LFO features adjustable slew-rate, modulation delay, key sync, assignable clock sync (internal or external MIDI), envelope auto-triggering, as well as Delay and Fade in. The 7 available waveform shapes are; Sine; Triangle; Square; Ramp Up; Ramp Down; Sample and Hold, and Sample and Glide for an amazing array of tonal options. The DEEPMIND 12 also offers a highly unusual Phase Link option for the polyphonic LFOs, allowing them to operate in Unison (Mono), or link with an adjustable phase shift between voices. Additionally, the LFOs can track key pitch via the modulation matrix, enabling cross mod type effects.



DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

3 Envelope Generators

When it comes to envelope generation, DEEPMIND 12 has all bases covered, thanks to 3 four-stage ADSR (Attack, Decay, Sustain, Release) envelope generators per voice, each equipped with continuously-variable curves for truly unique flexibility. Envelope Trigger Modes include: Legato, Mono, and Retrigger. The envelopes can be triggered by key, individual LFOs, or the control sequencer and looped well into the audio rate. DEEPMIND 12 serves up all the versatility and tone-sculpting options a professional musician could ask for.

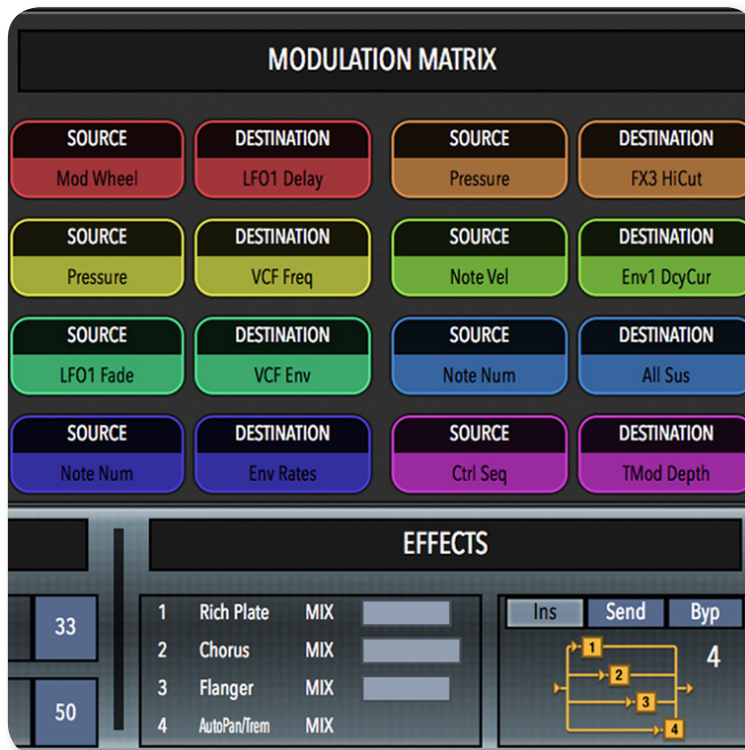


DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
 with 4 FX Engines, 2 OSCs and LFOs per Voice,
 3 ADSR Generators, 8-Channel Modulation
 Matrix, 32-Step Control Sequencer,
 Tablet Remote Control and Built-In Wifi

8-Channel Modulation Matrix

Want to modulate the reverb tail or compressor with the mod wheel? How about driving the MIDAS Multiband Distortion effect with an LFO or aftertouch? With 19 modulation sources and more than 130 destinations, DEEPMIND 12 provides a multitude of modulation options. And the "press & hold" shortcuts make selection of those sources and destinations quick and easy.

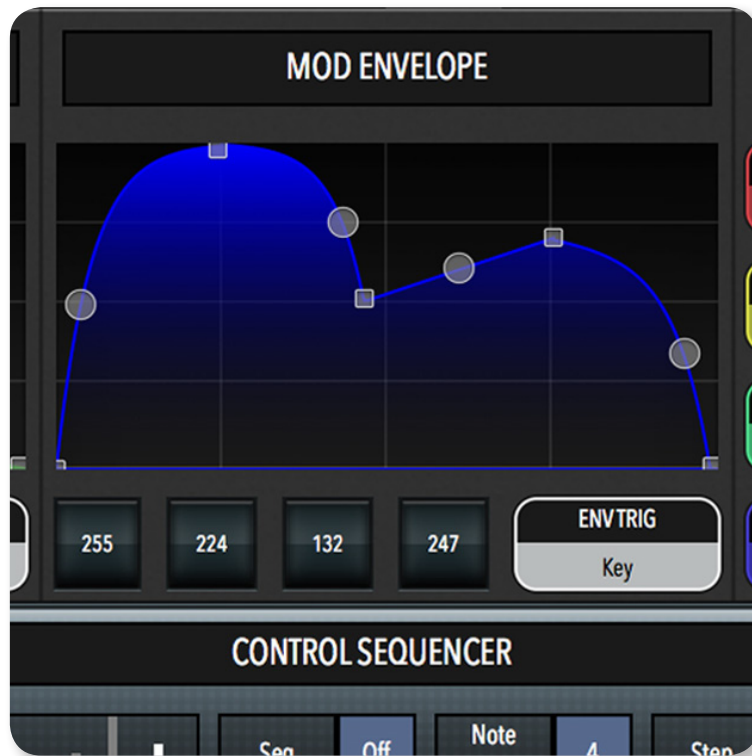


DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

32-Step Control Sequencer

The control sequencer features an adjustable slew rate, MIDI sync, and allows a 32-step pattern of values, which can vary from -127 to 127. Other parameters that can be controlled include: note value; tie and length; slew; and swing. These can all be mapped as modulation sources to any of the available destinations.



Synthesizers and Samplers

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

Remote Control

Comprehensive remote control is available for DEEPMIND 12 via iPad*/PC/Mac and selected Android* Apps over USB, MIDI or built-in WiFi for extended parameter control. The iPad App also features a robust preset manager, gig list, full editor and integral Patch Morpher*.



Ultra-Expressive Keyboard

The keyboard features 49 full-sized, velocity-sensitive keys with aftertouch that deliver an expressive and superior playing experience. You'll love the feel and playability of DEEPMIND 12's semi-weighted keys as they respond to even the slightest nuance of your playing. Aftertouch allows you to imbue your sound with variations of pitch, volume, modulation or color – whatever parameters you choose. Whether you have a heavy or soft playing style, DEEPMIND 12 always responds to your touch with 3 different selectable velocity and aftertouch curves.

Pure Analog Signal Path

A modern reincarnation of a beloved analog classic (with true bypass studio-grade FX), all of DEEPMIND 12's sounds are purely analog – all the way from OSC 1, which generates sawtooth and square/pulse waveforms with user-definable pulse width modulation (PWM), and OSC 2, which generates square/pulse waveforms with tone modulation. The combination of square/pulse waves on OSC 1 and tone modulation on OSC 2 gives the DEEPMIND 12 a boldly unique and fresh character not found in competing products.



DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

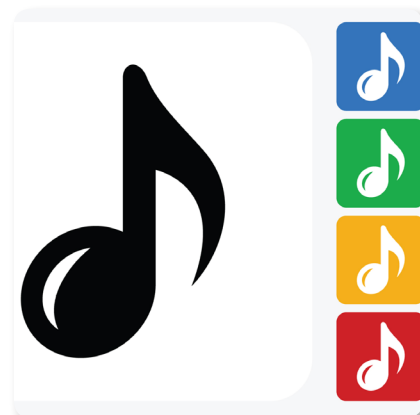


Low Pass Filter & Envelope Faders

Everything about the DEEPMIND 12 has been designed to give you total control over the creative process. That goes for the selectable, dual slope 12/24 dB analog low pass filter with adjustable resonance and tracking (per voice), and the 4 Envelope faders that smoothly transform individual segments of the envelope between linear, exponential and reverse exponential curves.

Big, Fat Tones

DEEPMIND 12 provides your choice of powerful unison or poly modes, with detune, pan spread and drift parameters, that can handle up to 12 voices per note for incredibly fat tones. And if you want even more, just engage the global noise generator to expand the waveform options. DEEPMIND 12's extreme versatility empowers you to be your creative best.



Polyphonic Portamento

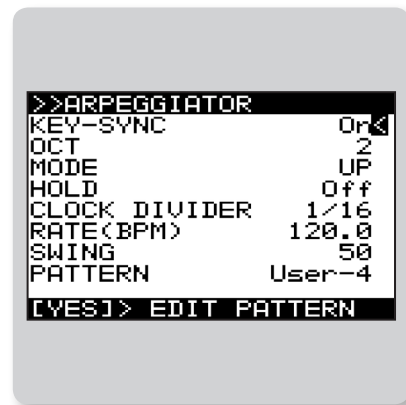
While most synthesizers only allow simple mono portamento glides, the DEEPMIND 12 lets you create stunningly smooth mono and polyphonic chord glissandos that will really get your juices flowing. Options include flexible fixed rate, fixed time and exponential pitch glide modes of operation.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
 with 4 FX Engines, 2 OSCs and LFOs per Voice,
 3 ADSR Generators, 8-Channel Modulation
 Matrix, 32-Step Control Sequencer,
 Tablet Remote Control and Built-In Wifi

Arpeggiator

A very sophisticated Arpeggiator is also provided, complete with a tap tempo button and user-configurable pattern modes that exhibit a level of refinement previously only available from a sequencer. DEEPMIND 12's arpeggiator can operate across up to 6 octaves, and you can choose from 32 preset rhythmic patterns with up to 32 steps and rests – or create and save your own. Modes of operation include: UP; DOWN; UP-DOWN; UP-INV; DOWN-INV; UP-DN-INV; UP-ALT; DOWN-ALT; RAND; AS-PLAYED, and CHORD. A wide range of clock options are also available, as well as hold switch latching.

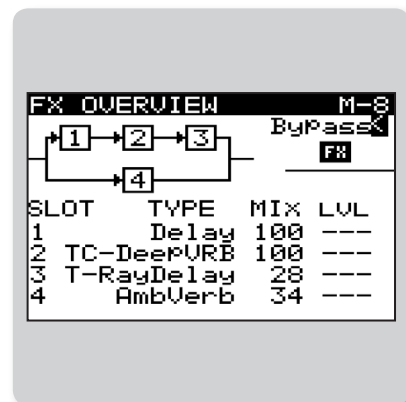


Chord Memory

Want to build impossibly-huge chords that can be played with a single finger. DEEPMIND 12 allows you to write extremely complex chords and polychords (up to 12 notes each), save them into memory locations – and perform them with the press of a single key. There is enough storage space onboard for 36 six-note chords, all of which can be mapped to specific trigger keys.

True Bypass Mode

The FX menu of the DEEPMIND 12 is accessed by pressing the FX button, which in turn brings up the FX page on the LCD display. This is where you assign, route and adjust all FX parameters, including Mode, Mix and Level. You can select the Bypass Mode to completely remove the digital FX from the signal path for a pure, high-integrity analog tone.



DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer with 4 FX Engines, 2 OSCs and LFOs per Voice, 3 ADSR Generators, 8-Channel Modulation Matrix, 32-Step Control Sequencer, Tablet Remote Control and Built-In Wifi

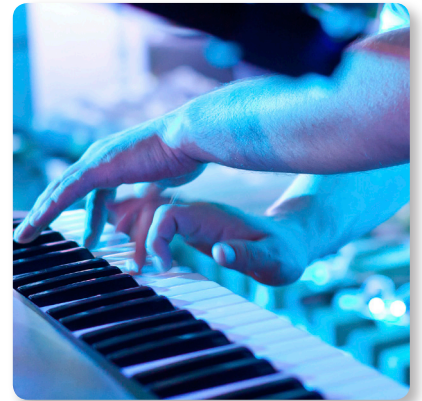


High Pass Filter

The 6 dB High Pass Filter (HPF) in the DEEPMIND 12 lets you set the lower cutoff frequency of the output signal. The accompanying Boost switch applies a +12 dB bass boost to the signal path to fatten up the bottom end.

You Are Always in Control

We can't help ourselves – like you, we're gear-heads, too. For those who want the numbers, DEEPMIND 12 has: 26 sliders; 33 switches; 1 rotary encoder; 2 knobs; 1 spring-loaded pitch wheel and 1 assignable, spring-loaded modulation wheel. All are laid out in a highly-intuitive format designed to put the joy back into your music creation.



Pitch and Mod Wheels

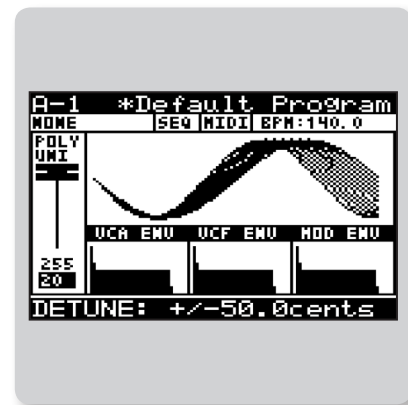
Spring-loaded pitch and assignable modulation wheels are conveniently placed for easy left-hand access, making the DEEPMIND 12 the ultimate live performance and studio-ready synthesizer.

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi

Large LCD Screen

The large and easy-to-read LCD screen provides rapid parameter editing and program selection on-the-fly, for a total hands-on performance with real-time access to all important parameters. The screen shows the synthesizer status, parameters, and the five main menu pages: Connectivity; Keyboard; Pedal; Fader and System. The contrast and brightness levels are adjustable on the System settings page of the GLOBAL menu.



1024 SLOTS

Something to Remember

The patches loaded into DEEPMIND 12's memory were designed by some of the world's finest sound designers, and all of them are available for your modification. Your parameter settings can be stored in one of 1024 available user memory slots, which feature a convenient "compare and match" function that helps you match all analog controls to the values stored in the program. DEEPMIND 12 provides more than enough memory to store several soundtracks – and even entire shows.

You've Got Connections

DEEPMIND 12's connectivity is extensive with: fully servo-balanced stereo TRS outputs, for audio feeds to mixing consoles/amplifiers; Phones; Sustain; Pedal/CV; MIDI (In, Out, Thru), for external devices and your DAW; and MIDI USB for your computer and firmware updates. The comprehensive MIDI implementation includes NRPN/CC control of virtually all parameters and bulk load/save.



Synthesizers and Samplers

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer with 4 FX Engines, 2 OSCs and LFOs per Voice, 3 ADSR Generators, 8-Channel Modulation Matrix, 32-Step Control Sequencer, Tablet Remote Control and Built-In Wifi



WiFi Router Not Required

You can easily tap into your home network via DEEPMIND 12's integrated and configurable WiFi client / Access point, without any additional hardware.

Unleash Your Imagination

When it comes to not just pushing the envelopes but creating them, DEEPMIND 12 gives your imagination its polyphonic voice – and it's so very affordable. Modern performance calls for the classic analog sound with all the digital advantages – it calls for the BEHRINGER DEEPMIND 12!

Visit your [BEHRINGER](#) dealer to experience the stunning DEEPMIND 12, or get yours online today. MUSIC never felt this good!



You Are Covered

We always strive to provide the best possible Customer Experience. Our products are made in our own [MUSIC Group](#) factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous [3-Year Warranty program](#).

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



Synthesizers and Samplers

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
with 4 FX Engines, 2 OSCs and LFOs per Voice,
3 ADSR Generators, 8-Channel Modulation
Matrix, 32-Step Control Sequencer,
Tablet Remote Control and Built-In Wifi



Synthesizers and Samplers

DEEPMIND 12

True Analog 12-Voice Polyphonic Synthesizer
 with 4 FX Engines, 2 OSCs and LFOs per Voice,
 3 ADSR Generators, 8-Channel Modulation
 Matrix, 32-Step Control Sequencer,
 Tablet Remote Control and Built-In Wifi



For service, support or more information, please contact your local distributor or contact us directly at:

Europe
MUSIC Group Services UK
 Tel: +44 156 273 2290
 Email: CARE@music-group.com

USA/Canada
MUSIC Group Services NV Inc.
 Tel: +1 702 800 8290
 Email: CARE@music-group.com

Japan
MUSIC Group Services JP K.K.
 Tel: +81 3 6231 0454
 Email: CARE@music-group.com

MUSIC Group accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph, or statement contained herein. Technical specifications, appearances and other information are subject to change without notice. All trademarks are the property of their respective owners. MIDAS, KLARK TEKNIK, LAB GRUPPEN, LAKE, TANNÖY, TURBOSOUND, TC ELECTRONIC, TC HELICON, BEHRINGER, BUGERA and DDA are trademarks or registered trademarks of MUSIC Group IP Ltd.
 © MUSIC Group IP Ltd. 2017. All rights reserved.

