



**THE RETURN OF THE MAMMOUTH**

**CLUB OF THE KNOBS**

**ANALOGUE MODULAR SYNTHESIZER**





C 921A OSCILLATOR DRIVER with 3 x C 921B OSCILLATOR

C 921 VOLTAGE CONTROLLED OSCILLATOR

C 946 LOW FREQUENCY OSCILLATOR



C 960 SEQUENTIAL CONTROLLER



CP1B MIXER



CP1A MIXER



C 902 VOLTAGE CONTROLLED AMPLIFIER

C 911A DUAL TRIGGER DELAY

C 938 REVERSIBLE MIXER

C 911 ENVELOPE GENERATOR

C 995 ATTENUATORS



C 962 SEQUENTIAL SWITCH

C 962B SEQUENTIAL SWITCH

C 961S GATE SEQUENCER

C 958 DUAL QUANTIZER



CP4 QUANTIZER and SEQUENTIAL SWITCH

intervene  
the universe of sound



**CLUB OF THE KNOBS**  
ANALOGUE MODULAR SYNTHESIZERS



C 904A-C THE LEGENDARY FILTER SET



C 914B EXTENDED FIXED FILTER BANK

C 923 FILTERS

C 905A VOLTAGE CONTROLLED LOW PASS FILTER



C 1670 ENSEMBLE GENERATOR



C 1680 VOLTAGE CONTROLLED ANALOG DELAY



C 1640 VOLTAGE CONTROLLED PHASE SHIFTER



C 1630 BODE FREQUENCY SHIFTER

## THE RETURN OF THE MAMMOUTH

### EVOLUTION PRACTICE INSTEAD OF EVOLUTION THEORY

Why is the elephant today the biggest animal on our planet? **Why had the mammoth to die?**

The mammoth had to die because its **volume** has been increased over the time to an amount that the weight and mass of its bones, fur and teeth did not stand anymore in good proportion to its **effect**. Maybe the mammoth would have needed more time in the universe of the animals to adjust its mighty outer appearance to a more manifold, complicated and effective inner to justify its **volumen** with **function** and **result**. In any case - we have managed it on time: our mammoth, the analogue modular synthesizer - is back, **re-engineered** in accordance of **form** and **content!** By development of various novel modules for flexible and intelligent reactions, adaption of the built-in parts to the recent technical level for harmonious functioning inside the coherence, retention of proofed and never out of date, analogical technics for the uniqueness of its sound, with decisions in design that define the **unmistakeable** character of the mammoth, it was finally reborn under the name **CLUB OF THE KNOBS - ANALOGUE MODULAR SYNTHESIZER**.

### SOUND CREATION INSTEAD OF SIMULATION

What does it mean here - form and content - this size is unbearable, will our music colleagues laugh with their laptop under their arms, whereas those who know it better, take on hope, remove after all these years finally the blind front panels and save money for the first orders... So what is it all about? It is about all: **unbroken** sound, **unlimited** variety, **unconditional** principle, **haptic** event, **visual** beauty, **space** experience, functional **design**, yes, and if one wants so - it even smells... after electricity. A sound instrument of this species is not limited to the specific sound of a traditional music instrument such as an oboe, a violin or a trumpet - but it CAN sound like one -, it is also not depending on one of the most important interfaces in Western music, the piano keyboard - but it CAN be controlled by one -, it does not at all need to be used for musical concerts - but it CAN impress like a fully played orchestrian score -, artists can produce vibrations of an earthquake and the film sound creator might create the sound of an egg being fried in a pan... **audible or non-audible** - the acoustic wave machine is likewise a **world machine** since it is the analogy to the sound of the universe.

### EVERY POSSIBLE SOUND

Who ever came across any principle of the universe, will never get rid of it. Our analogue synthesizer is the interface to the ocean of sound from which you can draw parts to listen to. This is wonderful and exciting. But it can lead to a difficult result if that what you have fished from this universe of sound exceeds your **human capacity**. Then you want to get to the bottom of it or get **addicted**, maybe even frightened. It can rise up to a drama with the insight that the only limitations for sound creation lies in your own narrowness and not in the RAM of your computer or a bug in the program. On the other hand it can also help to a certain **self-realisation**. Some become the slave of the machine's **beauty**, other have to close their eyes when listening to it. There are as many possibilities for reactions as there are humans - and each one fishes his sounds in a different place.



We have **actualized the mammoth** so that the experience of sound in our universe will not vanish. Along it comes not just grandly, it also shelters grandiose facilities!

More than 30 different modules are already of its own which make the mammoth flexible, fast in reaction, perfect, intelligent, warm-hearted and unique.

It reconquered its right to exist in today's time.

### FROM WILD WEST EUROPE

Like **Harald Bode** or **Herb Deutsch**, both of German origin, went towards the West, or **Don Buchla** who co-developed the first analogue sound synthesizers in the free, wild, creative, fresh and lightful atmosphere of California, so **Kazike aka Gerd Peun**, too, moved West side... to the very West of Europe.

In **Portugal**, the California of Europe, the new analogue sound machines are coming into being - in union with the light, the Atlantic ocean, the wideness, the wildness of the landscape, as well as with the Portuguese fineness in design, the sensitivity in acoustics and the tradition for beauty.

Kazike & Friends are prepared to overtake the **heritage**: to manifest the **principle of sound** in a **machine form** with **German precision** and inventorial richness regarding today's state-of-the-art. The fruitful union of **German thoroughness** and **southern sensuality**, fresh air, phantastic light and wide space are the creative atmosphere for the various new developments from **CLUB OF THE KNOBS**.

**Kazike's synthesizers** are as beautiful as the environment in which they are created and manufactured. (*more about the history of CLUB OF THE KNOBS in our website*)

## THE MANUFACTORY

**We don't leave the result to any measure instrument and no computer program. We are listening!**

Our manufactory is composed of different spheres in various European countries which have in common that the works are **hand-selected**, **brain-reasoned** and **sense-pampered** - in the true tradition of classical music instruments' manufactories, the spirit of inventors' laboratories and perfection of futuristic design studios.

The **development** of the PCBs' design is primarily subject to the ingenious wealth of ideas of the main inventor Kazike who in regard to actual electronic products again and again finds the balance between original, practicability, availability, improvement, equivalent and vision. Hence happen here and there connections in the circuits which should be patented if you could claim principles of the universe as your own inventions. However, these partly crazy seeming connections manifest themselves in the quality and uniqueness of the sound which his modules are producing.

The **armament** of the PCBs means much more than mere assembling and soldering of standard parts - the heart of the modules is driven **by hand-selected** and partly **paired** quality- and original parts.

The aesthetical **design** of the front panels was never a question of any compromise: **function and design** have to correspond which each other to hundred percent. Stepless steering, interval jumps, selection, activity, importance of interaction, connection options and many more functions are corresponding with appropriate scales, knob sizes, letterings and arrangement.

**"You must be able to sit some meters apart from the machine, look at it and hear each module in your head without operating it in reality. Moreover you should never get tired in admiring its beauty. Only then the design is perfect"**, says Kazike.

Following true tradition, our analogue modular synthesizers are produced with conviction, knowledge, imagination, **precision** and **high-class workman-ship**. They will **endure** in the world as a **sound instrument**, a **masterpiece of handycraft** and a **technical perfection**. They are made and meant for **continuance**. **Intervene the universe of sound!**

For further informations please see our website [www.cluboftheknobs.com](http://www.cluboftheknobs.com)  
Contact: [office@cluboftheknobs.com](mailto:office@cluboftheknobs.com)

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